ZONING ADJUSTMENTS BOARD

STAFF REPORT

FOR BOARD ACTION
MAY 11, 2023

3000 Shattuck Avenue

Use Permit #ZP2022-0046 to demolish the existing gas station, and construct a 10-story (114 feet) mixed-use building utilizing a Density Bonus, with 166 dwellings, including 17 Very Low-Income units, and 1,043 square-feet of commercial space.

I. Background

A. Land Use Designations:

- General Plan: AC – Avenue Commercial
- Zoning: C-SA – South Area Commercial District

B. Zoning Permits Required:

- Use Permit pursuant to Berkeley Municipal Code (BMC) Section 23.326.070(A) to demolish a non-residential main building
- Use Permit pursuant to BMC Section 23.204.100(B)(4)(b) to construct a mixed-use development of more than 5,000 square-feet
- Use Permit pursuant to BMC Section 23.204.020 to add multi-family dwellings
- Use Permit pursuant to BMC Section 23.204.100(D)(2) to modify the height and stories, setbacks, and lot coverage
- Administrative Use Permit pursuant to BMC Section 23.304.050(A) to allow architectural features over the maximum height limit

C. Concessions and Waivers and Pursuant to State Density Bonus Law (CA Gov't. Code Section 65915)

- Waiver of BMC Section 23.204.100(D)(1) to exceed the Floor Area Ratio (FAR) limit – to be 6, where 4 is the maximum
- Waiver of BMC Section 23.204.100(D)(1) to exceed building height limits – to be 113 feet 10 inches and 10 stories, where 36 feet and 3 stories is the limit
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required front setback from 15 feet to 2 feet 6 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required rear setback from 15 feet to 11 feet 3 inches

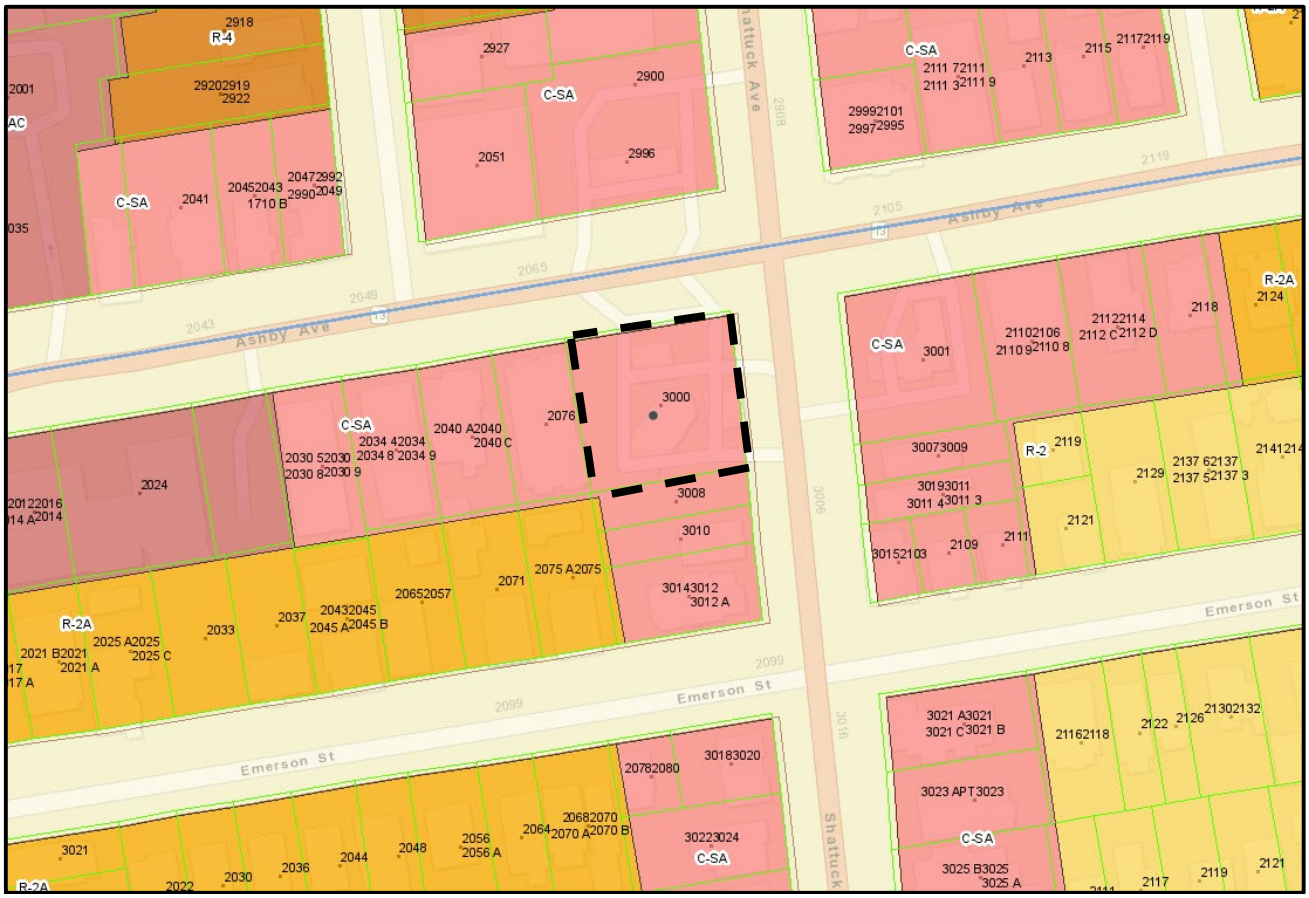
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required street side (left side) setback from 6 feet to 15 feet (varies by story) to 0 to 6 feet 9 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required interior side (right side) setback from 4 feet to 12 feet (varies by story) to 5 feet 7 inches
- Waiver of BMC Section 23.204.100(D)(1) to exceed the lot coverage limit – to be 62 percent, where 40 percent is the maximum

D. CEQA Recommendation: It is staff's recommendation that the Zoning Adjustments Board (ZAB) adopt the Addendum to the 3000 Shattuck Initial Study/Negative Declaration (IS/ND) (SCH# 2017062025) pursuant to the California Environmental Quality Act (CEQA). The Addendum are attached to this staff report (see Attachment 3). See Section V for further discussion of the project's CEQA review.

E. Parties Involved:

- Applicant — Isaiah Stackhouse, 2421 Fourth Street, Berkeley
- Property Owner — 3000 Shattuck Avenue, LLC, 2343 Stuart Street, Berkeley

Figure 1: Zoning Map



Legend

Zoning

C-SA:	South Area Commercial
R-2:	Restricted Two-Family Residential
R-2A:	Restricted Multiple-Family Residential
R-4:	Multi-Family Residential

Figure 2: Site Plan/Ground Floor Plan

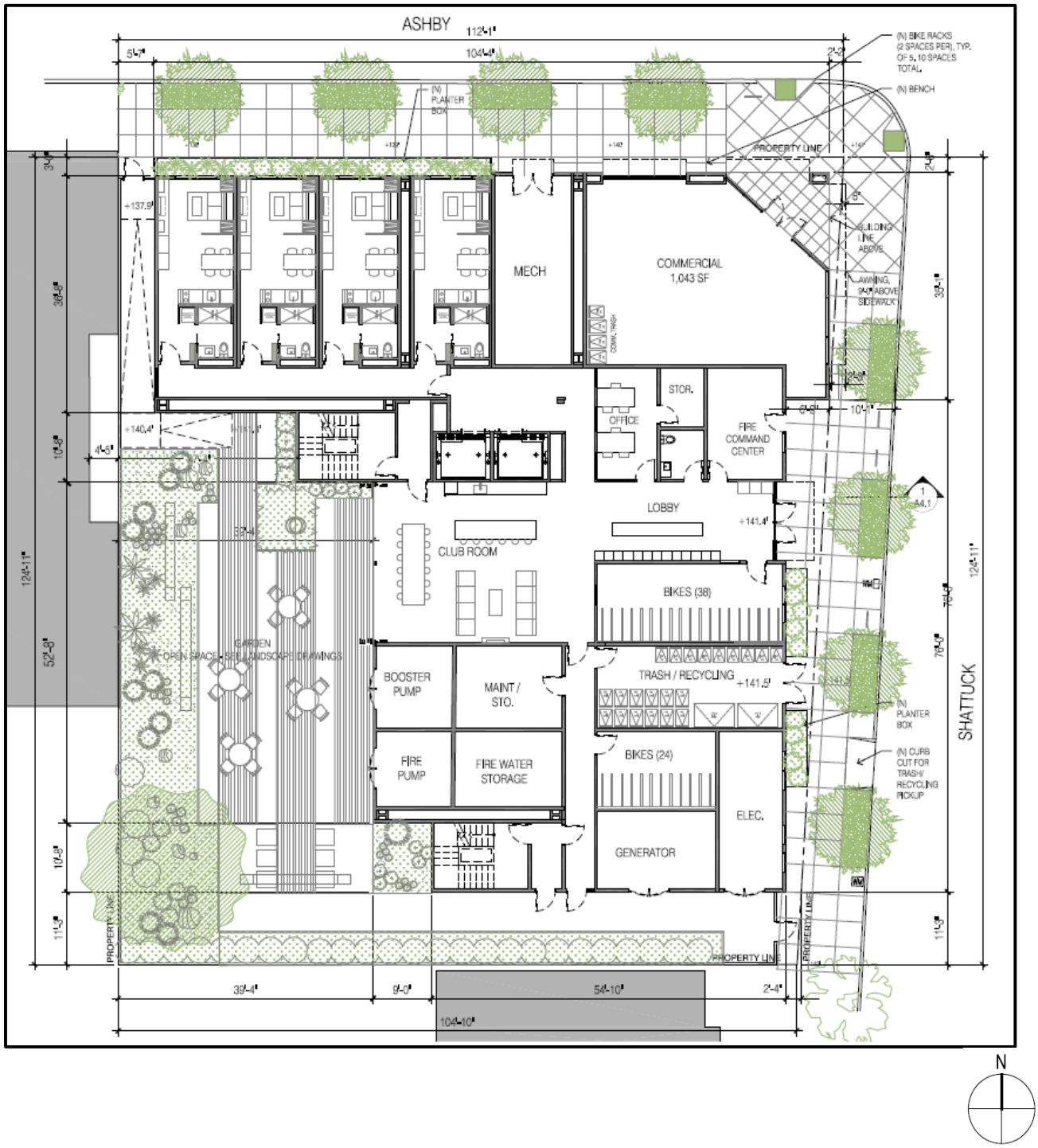


Figure 3: Shattuck Avenue Elevation (East)

Figure 4: Ashby Avenue Elevation (North)

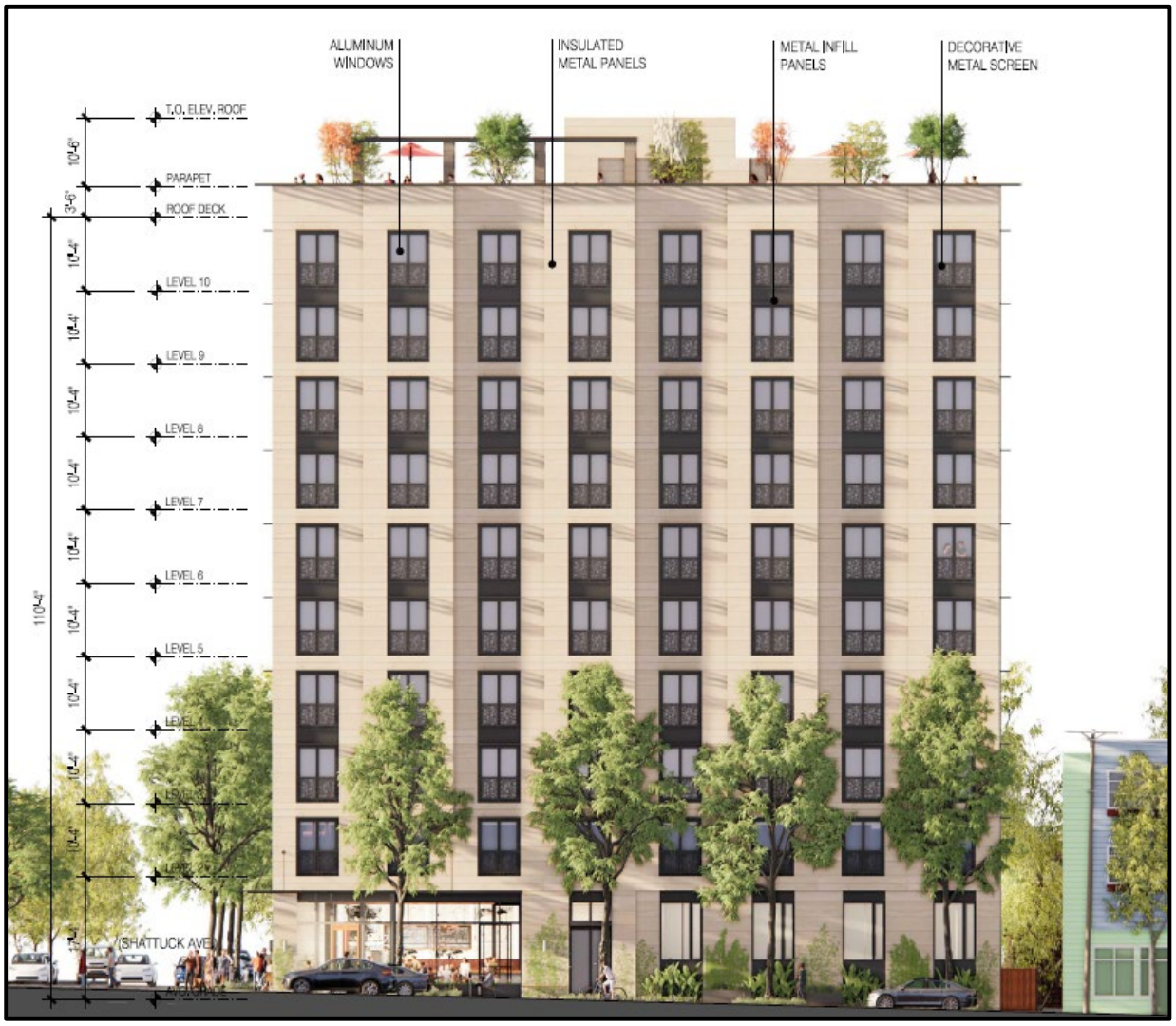


Table 1: Land Use Information

Location		Existing Use	Zoning District	General Plan Designation
Subject Property		Gas Station	C-SA	Avenue Commercial (AC)
Surrounding Properties	North	Gas Station		Neighborhood Commercial (NC)
	South	Residential		Avenue Commercial (AC)
	East	Car Rental		Neighborhood Commercial (NC)
	West	Commercial/Multi-Family Residential		Avenue Commercial (AC)

Table 2: Special Characteristics

Characteristic	Applies to Project?	Explanation
Affordable Child Care Fee for qualifying non-residential projects (Per Resolution 66,618-N.S. Affordable Housing Fee for qualifying non-residential projects (Per Resolution 66,617-N.S.)	No	The proposed net new non-residential floor area is less than7,500 square feet and therefore this project is not subject to these resolutions.
Affordable Housing Mitigations for rental housing projects (Per BMC 22.20.065)[1]	Yes	Project would provide 17 Below Market Rate (BMR) units at the Very Low-Income (VLI) rate and pay a fee to satisfy the requirements of BMC Section 22.20.065(D).
Alcohol Sales/Service	No	The applicant is not proposing alcohol sales or service with this permit.
Creeks	No	The site is not near a mapped creek or a creek culvert.
Density Bonus	Yes	The project would provide 17 Very Low-Income units, or 15 percent of the Base Project units, and qualifies for a 50 percent density bonus, or 56 bonus units (55 taken) under State Density Bonus law. See Section VI.C below.
Historic Resources	No	In May 2016 the property was referred to the Landmarks Preservation Commission (LPC), and the LPC took no action to designate the building. See Section IV.C for additional discussion on the Landmarks review of this property.
Housing Accountability Act (Gov't Code Section 65589.5(j))	Yes	The project is a mixed-use building that meets the definition of a "Housing Development Project" per Government Code Section 65589.5(h)(2)[2]. The base project complies with applicable, objective general plan and zoning standards, and thus

[1] Project vested under SB 330 on/before March 31, 2023, prior to effective date of new inclusionary housing requirements and is therefore subject to the Affordable Housing Mitigations in BMC 22.20.065 that was in effect at the time of vesting.
[2]Government Code Section 65589.5(h)(2) "Housing development project" means a use consisting of any of the following: (A) residential units only, (B) mixed-use developments consisting of residential and nonresidential uses in which at least two-thirds of the square footage is designated for residential use, and (C) transitional or supportive housing.

		section (j) of the Housing Accountability Act applies. See Section VI.B of this report for additional discussion on compliance with the Housing Accountability Act.
Housing Crisis Act of 2019 (SB330)	Yes	The project is a mixed-use building that meets the definition of a "Housing Development Project" per Government Code Section 65589.5(h)(2)[3]. See Section VI.A of this report for additional discussion on the sections of SB 330 that apply to the project.
Natural Gas Prohibition (Per BMC 12.80.020)	Yes	This application is for new construction and was submitted after January 1, 2020, and is therefore subject to the Natural Gas Prohibition.
Oak Trees	No	There are no oak trees on the project site.
Percent for Art (BMC Chapter 23.316)	Yes	The project is subject to the City's Public Art on Private Projects ordinance. The applicant has indicated that they would provide the artwork on site (valued at 1.75 percent of total building permit valuation).
Rent Controlled Units	No	The project would involve the demolition of non-residential structures; no rent-controlled units would be demolished.
Residential Preferred Parking (RPP)	No	The site is not located in an RPP zone. Also, newly constructed dwellings would not be eligible to participate in the RPP program.
Seismic Hazards (SHMA)	No	The site is not located within an area susceptible to liquefaction, fault rupture, or landslides as shown on the State Seismic Hazard Zones map.
Soil/Groundwater Contamination	Yes	The project site is located within the City's Environmental Management Area. The project site is listed on the Cortese List, and Phase I and Phase II reports were prepared. The Toxics Management Division will refer this project during building permit review for sign off from the Regional Water Quality Control Board, Department of Toxic Substances Control, or the Alameda County Department of Environmental Health. Also, standard Conditions of Approval related to hazardous materials would apply (COA #23).
Transit	Yes	The project site is located on the southwest corner of Shattuck Avenue and Ashby Avenue, is served by multiple bus lines (local and Transbay), and is 0.3 miles from the Ashby BART Station. In addition, the Bike Boulevard on Milvia Street is within 0.3 miles.

[3] See footnote 1

Table 3: Project Chronology

Date	Action
December 14, 2021	SB 330 complete preliminary housing development project application submitted
March 29, 2022	Application submitted
May 11, 2022	Application deemed incomplete
July 8, 2022	Revised application materials submitted
August 3, 2022	Application deemed complete
January 19, 2023	Design Review Committee Preliminary Design Review
January 27, 2023	Addendum to previous Initial Study published
April 27, 2023	Public hearing notices mailed/posted
May 11, 2023	ZAB hearing

Table 4: Development Standards

Commercial Corridor (C-SA) Standards BMC Sections 23.204.100		**Existing**	**Proposed**	**Permitted/ Required**
Lot Area (sq. ft.)		13,561	13,561	n/a
Gross Floor Area (sq. ft.)		1,180	81,552	n/a
Floor Area Ratio		0.09	6	4 (modifiable with Use Permit)
Dwelling Units	Total	0	166	n/a
	Affordable	0	17	n/a
Building Height	Maximum (ft.)	14’	113’-10”	36’ (modifiable with Use Permit)
	Stories	1	10	3 (modifiable with Use Permit)
Building Setbacks (ft.)	Front (Ashby)	35’	2’-6” to 3’	15’ (modifiable with Use Permit)
	Rear	41’	11’-3” to 85’-2”	15’ (modifiable with Use Permit)
	Left Side Street (East/Shattuck)	35’	0’ to 6’-8”	6’-15’ (modifiable with Use Permit)
	Right Side (West)	26’	5’-7” to 39’-4”	4’-12’ (modifiable with Use Permit)
Lot Coverage (%)		9	62	40 (modifiable with Use Permit)
Usable Open Space (sq. ft.) per Dwelling Unit		n/a	7,879	6,640
Parking	Car	11	0	0
	Bike Commercial (1,043 sq. ft.)	0	2	1 (1 space/2,000 sq. ft.)
	Bike Residential (long-term)	0	55	55 (1 space/3 bedrooms)
	Bike Residential (short-term)	0	5	4 (1 space/40 bedrooms, or 2)
	Total Bike Parking	0	62	61

= Waiver, pursuant to State Density Bonus Law, requested to modify the district standard.

II. Project Setting

A. Neighborhood/Area Description: The project site is located on the southwest corner of Ashby Avenue and Shattuck Avenue. The surrounding area consists of a mix of commercial and residential development ranging from one to three stories in height. The Ashby BART station is 0.3 miles to the west. In addition, bus service is available via AC Transit routes 18 and 800.

B. Site Conditions: The 13,561-square-foot project site comprises two parcels, and is currently developed with a gas station that includes a mini-market with an office, car repair services, smog test center, two gas station canopies with pump islands, and surface parking for 11 automobiles. Access to the site is provided from both Ashby and Shattuck Avenues.

III. Project Description

A. Proposed Project: The project would demolish the existing commercial buildings, remove the existing paving and the curb cuts, and construct a new ten-story mixed-use building with the following primary components:

- 166 dwelling units (all studios) for a total of 166 bedrooms;
- Commercial space: 1,043 square feet in area, for one tenant on the ground floor at the northwest corner of the property;
- Two bicycle storage rooms, one for 38 bicycles, the other for 24 bicycles on the ground floor, and five short-term bicycle parking spaces along Shattuck Avenue and Ashby Avenue;
- Residential access from Shattuck Avenue;
- Residential amenities on the ground floor including club room, and property management and leasing offices;
- Laundry rooms within each unit;
- New street trees along Shattuck Avenue and Ashby Avenue;
- Useable open space totaling 8,516 square feet consisting of ground level space and a roof deck;
- Roof deck areas containing plantings, a pergola, seating, and an outdoor kitchen;

B. Base Project and Density Bonus: The applicant has requested a density bonus under the State Density Bonus Law. Under the City's density bonus procedures, the "base project"[4] is 111 units, as the maximum allowable density for the site. The six-story Base Project and the resulting ten-story Proposed Project both have an average unit size of 485 square feet. The Density Bonus calculations are provided in more detail, below:

[4] Per the City's Density Bonus Procedures (DBP), the Base Project is the largest project allowed on the site that is fully compliant with district development standards (i.e. height, setbacks, usable open space, parking, etc.), or, the *maximum allowable density* for the site. The City uses the DBP to calculate the maximum allowable density for a site where there is no density standard in the zoning district, and to determine the number of units in the Proposed Project, which is the number of Base Project units plus the number of density bonus units that can be added according to the percentage of BMR units proposed, per Government Code, Section 65915(f).

Table 5: Density Bonus

Base Project Units*	Qualifying Units	Percent Density Bonus	Number of Density Bonus Units*	Proposed Project Units
111	17 VLI (15% of base project)	50%	56 (50%x111)	166
*Per Gov't Code 65915(q), all unit calculations are rounded up to the nearest whole number.				

By providing 17 Very Low Income (VLI) Below Market Rate (BMR) units on site (15 percent of the 111-unit base density), the project is eligible for a 50 percent density bonus, or 56 additional units. Therefore, the applicant proposes 55 additional units above the base density for a total of 166 dwelling units.

To accommodate the additional units, the project would use seven waivers/ modifications:

1) Exceed the Floor Area Ratio (FAR) limit from 4.0 to 6.0
2) Exceed the building height limit from 36 feet and 3 stories to 113 feet 10 inches and 10 stories
3) Reduce the required front setback from 15 feet to 2 feet 6 inches
4) Reduce the required rear setback from 15 feet to 11 feet 3 inches
5) Reduce the required street side (left side) setback from 6 feet to 15 feet (varies by story) to 0 feet
6) Reduce the required interior side (right side) setback from 4 feet to 12 feet (varies by story) to 5 feet 7 inches
7) Exceed the lot coverage limit from 40 percent to 62 percent

IV. Community Discussion

A. Neighbor/Community Concerns: Prior to submitting this application to the city, the applicant invited interested neighborhood organizations as well as owners and occupants within 300 feet of the project to a project preview meeting. The meeting was held on March 14, 2022, and attended by nine people (meeting minutes are included as Attachment 4). A pre-application poster was erected by the applicant in March 2022. On April 27, 2023, the City mailed public hearing notices to property owners and occupants, and to interested neighborhood organizations and the City posted notices within the neighborhood in three locations. At the time of this writing, staff has not received any communications regarding the project, other than inquiries about the status of the project.

B. Design Review Committee: On January 19, 2023, the Design Review Committee (DRC) reviewed the project design for 3000 Shattuck Avenue, gave a favorable recommendation on the design as presented, and provided conditions and direction for Final Design Review (FDR) (Attachment 5).

C. Landmarks Preservation Commission (LPC): The project involves the demolition of an existing commercial building that is over 40 years in age. As detailed in a Historic Resource Evaluation completed by Bridget Maley in November 2015, and discussed in the addendum to the Initial Study-Negative Declaration, the building proposed for demolition does not meet the criteria for the California Register or a City of Berkeley Landmark. Pursuant to BMC Section 23.326.070(C), the proposed demolition was referred to the LPC in May 2016 for review prior to the consideration of the prior Use Permit. The LPC reviewed the demolition referral and took no action.

V. Environmental Review

A. **CEQA Approach:** Pursuant to Section 15164 of the CEQA Guidelines, codified in Sections 15000 et seq. of Title 14 of the California Code of Regulations, a lead agency shall prepare an addendum to a previously adopted negative declaration if some changes or additions are necessary but none of the conditions described in Section 15612 calling for preparation of a subsequent negative declaration have occurred. Under Section 15162 (a), where a negative declaration has been adopted for a project, no subsequent environmental impact report (EIR) or negative declaration (ND) shall be prepared for the project unless the lead agency determines, on the basis of substantial evidence in light of the whole record, that there are substantial changes in the project or circumstances or substantially important new information that will cause the project to have significant new impacts or substantially increase previously identified significant impacts.

Table 6 below compares the previously approved project and the revised project. As discussed in detail in the Addendum, potential impacts associated with the modified project (the proposed changes compared to the project evaluated in the negative declaration) currently before the ZAB would be consistent with potential impacts discussed in the negative declaration. Although the addendum includes an analysis of energy and wildfire, which were not included in the negative declaration, no significant impacts were found to occur regarding these resource areas. Substantive revisions to the negative declaration are not necessary because no new significant impacts would occur. Thus, the conditions outlined in CEQA Guidelines Section 15162 requiring preparation of a subsequent EIR or ND would not be met and an addendum is the appropriate CEQA document.

Table 6: Changes to Previously Approved Project

Project Characteristic	Previously Approved Project	Updated Project
Total Floor Area	**38,828 sf**	**81,552 sf**
Lot Coverage	83%	62%
Residential[1]	32,603 sf	80,509 sf
Retail	6,225 sf	1,043 sf
Building Height	56 feet and 11 inches; 5 stories	113 feet and 10 inches; 10 stories
Total Residential Units	**44 units[1]**	**166 units[2]**
Affordable Units	4 units	17 units
Open Space		
Roof Deck	N/A	4,488 sf
Ground Level Open Space	N/A	3,391 sf
Usable Open Space	2,092 sf	7,879 sf
Parking		
Automobile	17 spaces	0 spaces
Bicycle	62 spaces	62 spaces[3]
Construction		
Length	18 months	18 months

[1]Includes 4 studios (430 sf on average), 31 1-bedrooms (616 sf on average), and 8 2-bedrooms (902 sf on average).
[2]All units would be studios.
[3]Includes 55 long-term residential spaces, 5 short-term residential spaces, and 2 short-term commercial spaces
sf = square feet

B. **Initial Study/Negative Declaration Addendum:** An Addendum to the 3000 Shattuck IS/ND, which was adopted in November 2018, was prepared to evaluate the potentially significant environmental impacts of the proposed project, pursuant to CEQA. The Addendum considered the IS/ND and evaluated the modified project, i.e., the proposed project currently before the ZAB. Impacts related to implementation of the proposed project would remain less than significant.

VI. Issues and Analysis

A. SB 330 – Housing Crisis Act of 2019: The Housing Crisis Act, also known as Senate Bill 330, seeks to boost homebuilding throughout the State with a focus on urbanized zones by expediting the approval process for and suspending or eliminating restrictions on housing development. Housing development is defined as a project that is: all residential; a mixed-use project with at least two-thirds of the square-footage residential; or for transitional or supportive housing. Sections of SB 330 that apply to the proposed project include the following:

1. Government Code §65905.5(a) states that if a proposed housing development project complies with the applicable, objective general plan and zoning standards

in affect at the time an application is deemed complete, then the city shall not conduct more than five hearings in connection with the approval of that housing development project. This includes all public hearings in connection with the approval of the housing development project and any continuances of such public hearings. The city must consider and either approve or disapprove the project at any of the five hearings consistent with applicable timelines under the Permit Streamlining Act (Chapter 4.5 (commencing with §65920)).

The project application was deemed complete on August 3, 2022. The DRC meeting on January 19, 2023 was the first public hearing, and the May 11, 2023 ZAB hearing is the second for the proposed project since the project was deemed complete. The City can hold up to three additional public hearings on this project, if needed. One of those hearings must be reserved for any possible appeal to the City Council.

2. Government Code §65913.10(a) requires that the City determine whether the proposed development project site is a historic site at the time the application for the housing development project is deemed complete. The determination as to whether the parcel is a historic site must remain valid during the pendency of the housing development project, unless any archaeological, paleontological, or tribal cultural resources are encountered during any grading, site disturbance, or building alteration activities.

   As discussed in the Addendum, the property does not appear to be historically significant and therefore is not eligible for listing on the California Register of Historical Resources or as a City of Berkeley Landmark or Structure of Merit. The demolition referral was heard at the May 5, 2016, Landmark Preservation Commission meeting, and no action was taken. Therefore, it was determined the site is not a historic resource. Further, standard conditions of approval have been included to halt work in case of any unanticipated discovery of archeological, paleontological, or tribal cultural resources.

3. Government Code §65950(a)(4) requires a public agency to approve or disapprove a project within 60 days from the date of adoption by the lead agency of the negative declaration for a housing development project. A negative declaration for the original use permit on the project site was adopted on November 27, 2018. The modified project was deemed complete on August 3, 2022. Staff determined on August 3, 2022 that the appropriate level of CEQA review was preparation of an Addendum to the negative declaration, in order to evaluate the modified project's potential impacts on the environment. (See Section V for details on the CEQA Approach and Addendum.) Therefore, Section 65950(a)(4) does not apply to the project. However, should ZAB adopt the Addendum at the May 11, 2023 public hearing, the application must be approved or disapproved by July 10, 2023.

B. Housing Accountability Act Analysis: The Housing Accountability Act (HAA), California Government Code Section 65589.5(j), requires that when a proposed housing development complies with the applicable, objective general plan and zoning

standards, but a local agency proposes to deny the project or approve it only if the density is reduced, the agency must base its decision on written findings supported by substantial evidence that:

1. The development would have a specific adverse impact[5] on public health or safety unless disapproved, or approved at a lower density; and
2. There is no feasible method to satisfactorily mitigate or avoid the specific adverse impact, other than the disapproval, or approval at a lower density.

The Base Project, including the extension of height to 65 feet and six stories, allowed by Use Permits[6], complies with applicable, objective general plan and zoning standards. Further, Section 65589.5(j)(3) provides that a request for a density bonus "shall not constitute a valid basis on which to find a proposed housing development project is inconsistent, not in compliance, or not in conformity, with an applicable plan, program, policy, ordinance, standard, requirement, or other similar provision specified in this subdivision." Therefore, the City may not deny the Base Project or density bonus request or reduce the density with respect to those units without basing its decision on the written findings under Section 65589.5(j), above. Staff is aware of no specific adverse impacts that could occur with the construction of the Base Project or the density bonus units. Therefore, Section 65589.5(j) *does apply* to the Proposed Project. All findings discussed below are subject to the requirements of Government Code Section 65589.5.

C. Density Bonus Concessions and Waivers: The project is entitled to three concessions (or incentives) under Government Code Section 65915(d), and an unlimited number of waivers under Section 65915(e).

Concessions. A concession is a modification of a development standard that reduces the cost of providing affordable housing. The applicant is not requesting any concessions for the project.

Waiver. A waiver is a modification of a development standard that would otherwise physically preclude the construction of the project with the permitted density bonus and concessions. The applicant is requesting seven waivers from the following development standards: 1) to exceed the maximum floor area ratio (FAR) from 4.0 to 6; 2) exceed the height limit of 36 feet/3 stories and propose 113 feet 10 inches/10 stories; 3) Reduce the required front setback from 15 feet to 2 feet 6 inches; 4) Reduce the required rear setback from 15 feet to 11 feet 3 inches; 5) Reduce the required street side (left side) setback from 6 feet to 15 feet (varies by story) to 0 feet; 6) Reduce

[5] A "specific, adverse impact" means "a significant, quantifiable, direct, and unavoidable impact, based on objective, identified written public health or safety standards, policies, or conditions as they existed on the date the application was deemed complete".

[6] The City has determined that the "protections afforded by the HAA and the definition of a base project for density bonus calculations apply to a housing development project up to and including the maximum development allowed with use permits and/or administrative use permits". Therefore, the use permits to allow height to 50 feet and 4 stories are included in the Base Project for the purpose of determining the applicability of Section 65589.5(j).

the required interior side (right side) setback from 4 feet to 12 feet (varies by story) to 5 feet 7 inches;7) Exceed the lot coverage limit from 40 percent to 62 percent. The waivers are requested because they are necessary to physically accommodate the additional 56 units (55 taken) as allowed under the density bonus project on the site.

The City may only deny the waivers if it finds that the waivers would have a specific adverse impact upon public health and safety, or the physical environment, or on any real property listed in the California Register of Historical Resources, and there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact without rendering the development unaffordable to low-income, very-low income, and moderate-income households, or if the waiver would be contrary to State or Federal law. Staff believes such a finding cannot be made.[7]

D. Use Permit to Demolish Non-residential Buildings: The proposed project includes the demolition of the gas station and associated structures on the site. Pursuant to BMC Section 23.326.070, the demolition of a non-residential building requires ZAB approval. In addition, pursuant to BMC Section 23.326.070(C), an application for a permit to demolish a non-residential building or structure which is 40 or more years old must be forwarded to the LPC for review prior to the consideration of the use permit. As noted above in Section IV.C, at a duly noticed hearing, the LPC reviewed the demolition referral and took no action to initiate a local historic designation.

Pursuant to BMC 23.326.070(D), the demolition of the non-residential building would not be materially detrimental to the commercial and public interest of any affected neighborhood in the city. The new mixed-use building would replace the existing gas station with a new 81,522 square-foot building, 166 dwelling units (studios), and 1,043 square-feet of commercial space. The proposed project includes a mixed-use building which would provide new dwelling units and commercial space in the C-SA District, and thus would be compatible with adjacent and nearby commercial and residential uses.

Therefore, staff believes that ZAB can make the required finding that demolition would be necessary to allow construction of the proposed mixed-use building, subject to the condition of approval allowing demolition of the existing buildings only after complete construction plans are submitted to the City for the replacement buildings.

VII. Other Zoning and Land Use Considerations

The analyses of conformance with district purposes, use permit findings for non-detriment, and the South Berkeley Area Plan (adopted 1990) and 2002 General Plan goals and policies are provided for Board consideration. The proposed project is HAA-compliant. The following permits have been determined by the City to be included in the Base Project of the proposal, and are subject to Section 65589.5(j) of the HAA. See section VI.B for discussion of the HAA.

[7] See Footnote 4.

All permits are subject to the C-SA District permit findings and General Non-Detriment findings discussed in sections VII.A and VII.B.

A. Findings for Use Permits in the C-SA District: Pursuant to BMC Section 23.204.100(E), in order to approve any Use Permit in the district, the Board must make the findings that the proposed use or structure:

1) Is compatible with the purposes of the district: The project is a higher-density development in proximity to regional transit, shops, and amenities, that is compatible with the purposes of the zoning district and the surrounding uses and buildings. The project site is located within the South Area Commercial District (C-SA) and is designated Avenue Commercial in the City's General Plan. It would create 166 new studio dwelling units. Seventeen of the units would be deed restricted as affordable housing units for very-low-income residents.

   The proposal also includes 1,043 square feet of commercial space and a total of 62 secure bicycle parking spaces (short-term and long-term) on the ground floor. The project site is well served by public transportation, including a BART station less than half-mile to the southwest. The surrounding commercial area includes retail sales, restaurants, personal services, and multi-family residential uses; the project would add to these commercial and residential uses and add population to support these uses.

2) Is compatible in design and character with the district and the adjacent residential neighborhoods: The project site currently includes automotive uses. The proposed project would change uses on the site to ground-floor commercial, with residential uses on all floors. The project would not introduce new land uses that do not already exist in the area. The design would be residential mixed-use, and would be consistent with the character of the commercial corridors of Shattuck Avenue and Ashby Avenue.

3) Will not result in the domination of one type of commercial/retail use in any one area of the district: The project includes 1,043 square feet of ground floor commercial space, and would not result in the domination of one type of commercial use in this portion of the C-SA District.

B. General Non-Detriment Finding: BMC Section 23.406.040 states that before the ZAB approves an application for a Use Permit, it must find that the project, under the circumstances of this particular case existing at the time at which the application is granted, would not be detrimental to the health, safety, peace, morals, comfort, and general welfare of the persons residing or working in the neighborhood of such proposed use or be detrimental or injurious to property and improvements of the adjacent properties, the surrounding area or neighborhood, or to the general welfare of the City.

Shadows: According to the shadow studies submitted for the project (See Attachment 2, Project Plans – Sheets A0.4A-A0.4C), new shadows would affect dwellings at the following locations:

- Newbury Street, northwest of the site, casting new shadows on the winter solstice two hours after sunrise.
- The northeast intersection of Ashby Avenue and Shattuck Avenue, casting new shadows on the winter solstice two hours before sunset.
- Ashby Avenue, west of the project site, casting new shadows on the summer solstice two hours after sunrise.
- Shattuck Avenue, southeast of the project site, casting new shadows on the summer solstice two hours before sunset.

Shadow impacts on adjacent dwellings are to be expected, because the subject site is located in the C-SA district, which allows a Use Permit to exceed the 36 foot/3 story height limit, with no limitation on the height, and is allowed to be included in the density bonus base project. A waiver to height and stories is allowed to accommodate the density bonus units (see section VI.D for a discussion of waivers). Because the impacts to neighboring properties would occur on limited areas, and would only partially shade neighboring buildings for a limited time during the year, and only for a few hours of the day, the building would not result in a significant loss of direct sunlight on abutting dwellings, and these shading impacts are not deemed detrimental.

Non-Detriment: The project is subject to the City's standard conditions of approval regarding construction noise and air quality, waste diversion, toxics, and stormwater requirements, thereby ensuring the project would not be detrimental to the health, safety, peace, morals, comfort or general welfare of persons residing or working in the area or neighborhood of such proposed use or be detrimental or injurious to property and improvements of the adjacent properties, the surrounding area or neighborhood or to the general welfare of the City. These standard conditions would ensure that the project would satisfy this finding.

C. Use Permit to Modify the Height and Stories, Setbacks, and Lot Coverage: Pursuant to BMC Section 23.204.100(D)(2) ZAB may modify development standards in the C-SA District for mixed-use projects, including height and stories, setbacks, and lot coverage, upon making one of the following findings:

a. The project encourages utilization of public transit and existing off-street parking facilities in the area of the proposed building;
b. The modification allows consistency with the building setbacks existing in the immediate area where a residential building setback would not serve a useful purpose;
c. The modification facilitates the construction of affordable housing as defined by the U.S. Department of Housing and Urban Development (HUD) Guidelines; or
d. The modification provides consistency with the purposes of the district as listed in Section 23.204.100.A (District Purpose).

The proposed project is served by multiple bus lines (local and Transbay), is 0.3

miles from the Ashby BART Station, and the Bike Boulevard on Milvia Street is within 0.3 miles. Car parking is not required and will not be provided, but secure bike parking is required.

The reduction in the setbacks is greatest along the Shattuck and Ashby frontages, where it will have less of an impact on nearby dwelling units, and minimal street side and front setbacks are typical for commercial corridors.

The modification of height and stories, setbacks, and lot coverage supports the location of on-site affordable housing.

D. Administrative Use Permit for Roof-Top Projections: BMC Section 23.304.050(A) requires an Administrative Use Permit for roof-top projections, such as mechanical penthouses, elevator equipment rooms or stair towers, that would exceed the maximum height limit. Such projections are limited to no more than 15 percent of the average floor area of all of the building's floors and cannot be used as habitable space or for commercial purposes. With a gross floor area of 81,522 square feet, the average floor area for ten floors is 8,152 square feet, and 15 percent of the average floor area is 1,223 square feet. The proposed features occupy 1,020 square feet, which complies with the limit.

E. 1990 South Berkeley Area Plan Consistency:

A. Housing Element Policy 3.7: Encourage the construction of new affordable housing units.

B. Housing Element Policy 3.10: Locate higher density housing in area with easy access to retail activity, the workplace, and public transportation.

Staff Analysis: The project would provide 17 units affordable to Very Low-Income households. The project is located in the Shattuck Corridor that is within walking distance to Ashby BART station, several bus lines, and the Berkeley Bowl market.

C. Housing Element Policy 5.2: Ensure that usable open space improvements are integrated into new housing and mixed-use developments.

Staff Analysis: The project provides 7,879 square feet of usable open space at the ground level and roof deck and this area includes landscaping and seating.

D. Land Use Policy A. 1: Preserve the character and quality of life of residential areas.

E. Land Use Policy C.1.2: Regulate mixed development to ensure compatibility with adjacent residential neighborhoods.

Staff Analysis: The building is concentrated toward the corner of Ashby and Shattuck with the greatest setbacks at the rear and sides near the adjacent R-2A District, and the rooftop elevator penthouse and stair overrun near the center of the building, generally aware from the R-2A District.

F. 2002 General Plan Consistency:

1. Policy LU-3–Infill Development: Encourage infill development that is architecturally and environmentally sensitive, embodies principles of sustainable planning and construction, and is compatible with neighboring land uses and architectural design and scale.
2. Policy LU-7–Neighborhood Quality of Life, Action A: Require that new development be consistent with zoning standards and compatible with the scale, historic character, and surrounding uses in the area.
3. Policy H-33 – Regional Housing Needs: Encourage housing production adequate to meet City needs and the City's share of regional housing needs.
4. Policy UD-24–Area Character: Regulate new construction and alterations to ensure that they are truly compatible with and, where feasible, reinforce the desirable design characteristics of the particular area they are in.
5. Policy H-12 – Transit-Oriented New Construction: Encourage construction of new medium- and high-density housing on major transit corridors and in proximity to transit stations consistent with zoning, applicable area plans, design review guidelines, and the Climate Action Plan.
6. Policy T-43 – Bicycle Network, Action C: Encourage, and when appropriate, require new multi-family residential developments to provide secure locker space for resident bicycles.
7. Policy UD-32–Shadows: New buildings should be designed to minimize impacts on solar access and minimize detrimental shadows.

   The project would improve the utilization of the site with development that is of appropriate intensity, that is compatible with the existing surrounding development, and that would further improve the neighborhood character and quality of life by providing new housing and a new commercial space. The project site is served by multiple bus lines (local and Transbay), and is 0.3 miles from the Ashby BART Station. In addition, the Bike Boulevard on Milvia Street is within 0.3 miles.

8. Policy UD-33–Sustainable Design: Promote environmentally sensitive and sustainable design in new buildings.
9. Policy EM-5–"Green" Buildings: Promote and encourage compliance with "green" building standards. (Also see Policies EM-8, EM-26, EM-35, EM-36, and UD-6.)

   The project would help Berkeley meet its regional housing needs by adding 166 new housing units, including 17 VLI units. The project would be subject to standard conditions of approval that promote sustainable building design, including conditions for solar PV systems, water efficient landscaping, and natural gas prohibitions.

VIII. Recommendation

Because of the project's consistency with the Zoning Ordinance and General Plan, and minimal impact on surrounding properties, staff recommends that the Zoning Adjustments Board:

A. **ADOPT** the Addendum to the 3000 Shattuck Initial Study-Negative Declaration.

B. **APPROVE** Use Permit ZP2022-0046, pursuant to BMC Section 23.406.040 and subject to the attached Findings and Conditions (see Attachment 1).

Attachments:
1. Findings and Conditions
2. Project Plans, received May 2, 2023
3. Addendum to the 3000 Shattuck Initial Study-Negative Declaration, dated January 27, 2023
4. Neighborhood Meeting Notes
5. Design Review Committee Summary, January 19, 2023
6. Notice of Public Hearing
7. 3000 Shattuck Initial Study-Negative Declaration, adopted November 27, 2018
8. Communications

Staff Planner:
Allison Riemer, ariemer@cityofberkeley.info, (510) 981-7433

ATTACHMENT 1

FINDINGS AND CONDITIONS

MAY 11, 2023

3000 Shattuck Avenue

Use Permit #ZP2022-0046 to demolish the existing gas station, and construct a 10-story (114 feet) mixed-use building utilizing a Density Bonus, with 166 dwellings, including 17 Very Low-Income units, and 1,043 square-feet of commercial space.

PERMITS REQUIRED

- Use Permit pursuant to Berkeley Municipal Code (BMC) Section 23.326.070(A) to demolish a non-residential main building
- Use Permit pursuant to BMC Section 23.204.100(B)(4)(b) to construct a mixed-use development of more than 5,000 square-feet
- Use Permit pursuant to BMC Section 23.204.020 to add multi-family dwellings.
- Use Permit pursuant to BMC Section 23.204.100(D)(2) to modify the height and stories, setbacks, and lot coverage.
- Administrative Use Permit pursuant to BMC Section 23.304.050(A) to allow architectural features over the maximum height limit.

CONCESSIONS/WAIVERS UNDER GOVERNMENT CODE SECTION 65915-65918

- Waiver of BMC Section 23.204.100(D)(1) to exceed the Floor Area Ratio (FAR) limit – to be 6, where 4 is the maximum
- Waiver of BMC Section 23.204.100(D)(1) to exceed building height limits – to be 113 feet 10 inches and 10 stories, where 36 feet and 3 stories is the limit
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required front setback from 15 feet to 2 feet 6 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required rear setback from 15 feet to 11 feet 3 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required street side (left side) setback from 6 feet to 15 feet (varies by story) to 0 to 6 feet 9 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required interior side (right side) setback from 4 feet to 12 feet (varies by story) to 5 feet 7 inches
- Waiver of BMC Section 23.204.100(D)(1) to exceed the lot coverage limit – to be 62 percent, where 40 percent is the maximum.

I. CEQA FINDINGS

1. Pursuant to the California Environmental Quality Act (CEQA), the City prepared an Addendum to the 3000 Shattuck Initial Study-Negative Declaration for this project.

A. Initial Study-Negative Declaration Addendum: An Addendum to the 3000 Shattuck Initial Study-Negative Declaration, which was adopted in November 2018, was prepared to evaluate the potentially significant environmental impacts of the proposed project, pursuant to CEQA. The Addendum considered the initial study and negative declaration, and

evaluated the modified project. Although the addendum includes an analysis of energy and wildfire, which were not included in the negative declaration, no significant impacts were found to occur regarding these resource areas. Substantive revisions to the negative declaration are not necessary because no new significant impacts will occur.

B. The Zoning Adjustment Board has considered the Addendum, and finds, on the basis of the whole record before it, that: (1) no potentially significant effects were identified that could not be reduced to less than significant levels by implementation of the City's standard conditions of approval, (2) there is no substantial evidence the project will have a significant effect on the environment, and (3) the Addendum reflects the lead agency's independent judgment and analysis. The record of proceedings upon which this decision is based is located at the Land Use Division of the Planning Department, 1947 Center Street, 2nd Floor, Berkeley, California 94704.

II. DENSITY BONUS FINDINGS

1. Pursuant to Government Code Section 65915, the Zoning Adjustments Board finds that:
   A. Under the City's methodology for implementing density bonuses, the "base project" consists of 111 units;
   B. The project will provide at least 17 Very Low Income qualifying units in the 111-unit "base project", as more fully set forth in Conditions of Approval 24 to 32;
   C. The project is entitled to a density increase of 50 percent over the otherwise maximum allowable residential density under the Zoning Ordinance and General Plan Land Use Element, under the requirements of Government Code Section 65915(b) and (f), plus three concessions or incentives, and an unlimited number of waivers. This equates to a density bonus of 56 units (55 taken) above the Base Project, for a total of 166-units.

2. In accordance with Government Code Section 65915(e) the Zoning Adjustments Board hereby grants the following waivers:
   A. Exceed the Floor Area Ratio (FAR) limit from 4.0 to 6.0
   B. Exceed the building height limit from 36 feet and 3 stories to 113 feet 10 inches and 10 stories
   C. Reduce the required front setback from 15 feet to 2 feet 6 inches
   D. Reduce the required rear setback from 15 feet to 11 feet 3 inches
   E. Reduce the required street side (left side) setback from 6 feet to 15 feet (varies by story) to 0 feet
   F. Reduce the required interior side (right side) setback from 4 feet to 12 feet (varies by story) to 5 feet 7 inches
   G. Exceed the lot coverage limit from 40 percent to 62 percent

   These waivers are required because state law requires the City to modify development standards as necessary to accommodate these density bonus units, and because the Zoning Adjustments Board hereby finds that the density bonus units can best be accommodated by granting these waivers.

3. In accordance with Government Code Section 65915(e), in order to allow construction of the proposed project with the density permitted under State law, the Zoning Adjustments Board finds approval of waivers is required 1) to construct the proposed project at the density permitted under State law; 2) approval of requested waivers would not have a specific adverse

impact upon public health and safety, or the physical environment, or on any real property listed in the California Register of Historical Resources; and 3) approval of the requested waivers would not be contrary to State or Federal law.

III. HOUSING ACCOUNTABILITY ACT FINDINGS

A. The Housing Accountability Act, Government Code Section 65589.5(j) requires that when a proposed housing development complies with applicable, objective general plan and zoning standards, a local agency may not deny the project or approve it with reduced density unless the agency makes written findings supported by substantial evidence that: (A) the development would have a specific adverse impact on public health or safety unless disapproved or approved at a lower density; and (B) there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact, other than the disapproval or approval at a lower density.

B. Because the project complies with applicable, objective general plan and zoning standards, §65589.5(j) does apply to this project. No significant, quantifiable, direct and unavoidable impacts, based on objective, identified written public health or safety standards, polices, or conditions, have been identified. The project includes construction of a mixed-use building with 166 dwelling units.

IV. FINDINGS FOR APPROVAL

4. As required by Section 23.406.040(E)(1) of the BMC, the project, under the circumstances of this particular case existing at the time at which the application is granted, would not be detrimental to the health, safety, peace, morals, comfort, and general welfare of the persons residing or working in the neighborhood of such proposed use or be detrimental or injurious to property and improvements of the adjacent properties, the surrounding area or neighborhood, or to the general welfare of the City because:

A. The project is subject to the City's standard conditions of approval regarding construction noise and air quality, waste diversion, toxics, and stormwater requirements as well as any other project specific conditions. These standard conditions will ensure the project will not be detrimental to adjacent properties, the surrounding area or neighborhood or to the general welfare of the City.

B. Shadow studies submitted by the applicant document the addition's projected shadow angles and lengths at three times throughout the day during the summer and winter solstice. New shadows would affect dwellings at the following locations:

- Newbury Street, northwest of the site, casting new shadows on the winter solstice two hours after sunrise.
- The northeast intersection of Ashby Avenue and Shattuck Avenue, casting new shadows on the winter solstice two hours before sunset.
- Ashby Avenue, west of the project site, casting new shadows on the summer solstice two hours after sunrise.
- Shattuck Avenue, southeast of the project site, casting new shadows on the summer solstice two hours before sunset.
- Because the impacts to neighboring properties will occur on limited areas, and will only partially shade neighboring buildings for a limited time during the year, and only for a few hours of the day, the project will not result in a significant loss of direct sunlight on abutting dwellings, and these shading impacts are not deemed detrimental.

C. The project is consistent with all applicable C-SA District standards and qualifies for waivers and concessions for the listed district standards granted pursuant to State Density Bonuses, Government Code, Section 65915.

V. OTHER FINDINGS FOR APPROVAL

5. As required by Section 23.326.070 of the BMC, the Zoning Adjustments Board finds that the proposed demolition of the non-residential buildings is permissible because:

A. At a duly noticed hearing on May 5, 2016, the Landmarks Preservation Commission (LPC) reviewed a demolition referral for the existing structures and took no action to initiate a local historic designation.

B. The demolition of the gas station is not materially detrimental to the commercial and public interest of any affected neighborhood in the City. The new mixed-use building will replace the existing gas station with a new 81,522 square-foot building, with 166 dwelling units (studios), and 1,043 square-feet of commercial space.

C. Overall, demolition of the building will allow redevelopment of the project site which will complement and be compatible with surrounding uses.

D. Demolition is necessary to allow construction of the proposed building given the inclusion of a condition of approval that allows demolition of the existing buildings only after complete construction plans are submitted to the City for the replacement building (COA #21).

6. As required by Section 23.204.100(E) of the BMC, the Zoning Adjustments Board finds that the proposed use or structure:

A. Is compatible with the purposes of the district: The project is a higher-density development in proximity to regional transit, shops, and amenities, that is compatible with the purposes of the zoning district and the surrounding uses and buildings. The project site is located within the South Area Commercial District (C-SA) and is designated Avenue Commercial in the City's General Plan. It will create 166 new studio dwelling units. Seventeen of the units will be deed restricted as affordable housing units for very-low-income residents.

The proposal also includes 1,043 square feet of commercial space and a total of 62 secure bicycle parking spaces (short-term and long-term) on the ground floor. The project site is well served by public transportation, including a BART station less than half-mile to the southwest. The surrounding commercial area includes retail sales, restaurants, personal services, and multi-family residential uses; the project will add to these commercial and residential uses and add population to support these uses.

B. Is compatible in design and character with the district and the adjacent residential neighborhoods: The project site currently includes automotive uses. The proposed project will change uses on the site to ground-floor commercial, with residential uses on all floors. The project will not introduce new land uses that do not already exist in the area. The design will be residential mixed-use, and will be consistent with the character of the commercial corridors of Shattuck Avenue and Ashby Avenue.

C. Will not result in the domination of one type of commercial/retail use in any one area of the district: The project includes 1,043 square feet of ground floor commercial space, and will not result in the domination of one type of commercial use in this portion of the C-SA District.

7. As required by Section 23.204.100(D)(2) of the BMC, the Zoning Adjustments Board finds that the request to modify development standards in the C-SA District for mixed-use projects, including height and stories, setbacks, and lot coverage is permissible because the following findings can be made:

A. The proposed project is served by multiple bus lines (local and Transbay), is 0.3 miles from the Ashby BART Station, and the Bike Boulevard on Milvia Street is within 0.3 miles. Car parking is not required and will not be provided, but secure bike parking will be provided.

B. The reduction in the setbacks is greatest along the Shattuck and Ashby frontages, where it will have less of an impact on nearby dwelling units, and minimal street side and front setbacks are typical for commercial corridors.

C. The modification of height and stories, setbacks, and lot coverage supports the location of on-site affordable housing.

8. As required by Section 23.304.050(A) of the BMC, the Zoning Adjustments Board finds that the request to permit building features such as mechanical penthouses that project about the height limit is permissible because:

A. With a gross floor area of 81,522 square feet, the average floor area for ten floors is 8,152 square feet, and 15 percent of the average floor area is 1,223 square feet. The proposed features occupy 1,020 square feet, which complies with the 15 percent limit.

VI. STANDARD CONDITIONS OF APPROVAL FOR ALL PROJECTS

The following conditions, as well as all other applicable provisions of the Zoning Ordinance, apply to this Permit:

1. Conditions Shall be Printed on Plans

The conditions of this Permit shall be printed on the *second* sheet of each plan set submitted for a building permit pursuant to this Use Permit, under the title 'Use Permit Conditions.' *Additional sheets* may also be used if the *second* sheet is not of sufficient size to list all of the conditions. The sheet(s) containing the conditions shall be of the same size as those sheets containing the construction drawings; 8-1/2" by 11" sheets are not acceptable.

2. Compliance Required (BMC Section 23.102.050)

All land uses and structures in Berkeley must comply with the Zoning Ordinance and all applicable City ordinances and regulations. Compliance with the Zoning Ordinance does not relieve an applicant from requirements to comply with other federal, state, and City regulations that also apply to the property.

3. Approval Limited to Proposed Project and Replacement of Existing Uses (BMC Sections 23.404.060.B.1 and 2)

A. This Permit authorizes only the proposed project described in the application. In no way does an approval authorize other uses, structures or activities not included in the project description.

B. When the City approves a new use that replaces an existing use, any prior approval of the existing use becomes null and void when permits for the new use are exercised (e.g., building permit or business license issued). To reestablish the previously existing use, an applicant must obtain all permits required by the Zoning Ordinance for the use.

4. Conformance to Approved Plans (BMC Section 23.404.060.B.4)

All work performed under an approved permit shall be in compliance with the approved plans and any conditions of approval.

5. Exercise and Expiration of Permits (BMC Section 23.404.060.C)

A. A permit authorizing a land use is exercised when both a valid City business license is issued (if required) and the land use is established on the property.

B. A permit authorizing construction is exercised when both a valid City building permit (if required) is issued and construction has lawfully begun.

C. The Zoning Officer may declare a permit lapsed if it is not exercised within one year of its issuance, except if the applicant has applied for a building permit or has made a substantial good faith effort to obtain a building permit and begin construction. The Zoning Officer may declare a permit lapsed only after 14 days written notice to the applicant. A determination that a permit has lapsed may be appealed to the ZAB in accordance with Chapter 23.410 (Appeals and Certification).

D. A permit declared lapsed shall be void and of no further force and effect. To establish the use or structure authorized by the lapsed permit, an applicant must apply for and receive City approval of a new permit.

6. Permit Remains Effective for Vacant Property (BMC Section 23.404.060.D)
Once a Permit for a use is exercised and the use is established, the permit authorizing the use remains effective even if the property becomes vacant. The same use as allowed by the original permit may be re-established without obtaining a new permit, except as set forth in Standard Condition #5 above.

7. Permit Modifications (BMC Section 23.404.070)
No change in the use or structure for which this Permit is issued is permitted unless the Permit is modified by the Board. The Zoning Officer may approve changes to plans approved by the Board, consistent with the Board's policy adopted on May 24, 1978, which reduce the size of the project.

8. Permit Revocation (BMC Section 23.404.080)
The City may revoke or modify a discretionary permit for completed projects due to: 1) violations of permit requirements; 2) Changes to the approved project; and/or 3) Vacancy for one year or more. However, no lawful residential use can lapse, regardless of the length of time of the vacancy. Proceedings to revoke or modify a permit may be initiated by the Zoning Officer, Zoning Adjustments Board (ZAB), or City Council referral.

9. Pay Transparency Acknowledgement (BMC Section 13.104.030)
Prior to the issuance of a building permit for any Project subject to this Chapter:

A. A Responsible Representative of the Permittee shall certify under penalty of perjury that: (1) the Permittee has reviewed Chapter 13.104 of the Berkeley Municipal Code; and (2) the Permittee will be responsible for demonstrating compliance with this Chapter.
B. The Permittee shall provide to the City a Contractor Pay Transparency Acknowledgment on a form approved by the City for this purpose. A Responsible Representative of the Permittee shall certify under penalty of perjury that the Contractor and all Qualifying Subcontractors performing work on the Project will comply with Chapter 13.104 of the Berkeley Municipal Code and with Labor Code sections 226(a) and 2810.5 for each employee who works on the Project.

10. Pay Transparency Attestations Following Project Completion (BMC Section 13.104.040)
Within 10 days of the approved final inspection of any Project subject to this Chapter, each Permittee shall provide to the City for each Contractor and Qualifying Subcontractor a Pay Transparency Attestation on a form approved by the City. On each Pay Transparency Attestation, a Responsible Representative of the Contractor or Qualifying Subcontractor shall attest under penalty of perjury that the Contractor or Qualifying Subcontractor complied with Chapter 13.104 of the Berkeley Municipal Code and Labor Code sections 226(a) and 2810.5 for each employee who performed work on the Project. The City will maintain Pay Transparency Attestation forms for period of at least three years after their date of receipt by the City.

11. Posting of Ordinance (BMC Section 13.104.050)
Each day work is performed on the Project, each Permittee shall post, and keep posted in a conspicuous location where it may be easily read by employees during the hours of the workday, a notice that: (A) contains the text of Chapter 13.104 of the Berkeley Municipal Code; (B) explains that workers can report violations of Labor Code sections 226 and 2810.5 to the Labor Commissioner of the State of California; and (C) provides current contact information, including

office address, telephone number, and email address of the Labor Commissioner of the State of California.

12. Conditions of Approval (BMC Section 13.104.060)
The requirements of Sections 13.104.030 through 13.104.050 shall be included as conditions of approval of any Use Permit or Zoning Certificate for any Project that is subject to this Chapter. Failure to comply with the requirements of any provision of this Chapter shall be grounds for issuance of an administrative citation under Chapter 1.28 and/or the revocation or modification of any Use Permit issued for the Project under Chapter 23B.60.

13. Indemnification Agreement
The applicant shall hold harmless, defend, and indemnify the City of Berkeley and its officers, agents, and employees against any and all liability, damages, claims, demands, judgments or other losses (including without limitation, attorney's fees, expert witness and consultant fees and other litigation expenses), referendum or initiative relating to, resulting from or caused by, or alleged to have resulted from, or caused by, any action or approval associated with the project. The indemnity includes without limitation, any legal or administrative challenge, referendum or initiative filed or prosecuted to overturn, set aside, stay or otherwise rescind any or all approvals granted in connection with the Project, any environmental determination made for the project and granting any permit issued in accordance with the project. This indemnity includes, without limitation, payment of all direct and indirect costs associated with any action specified herein. Direct and indirect costs shall include, without limitation, any attorney's fees, expert witness and consultant fees, court costs, and other litigation fees. City shall have the right to select counsel to represent the City at Applicant's expense in the defense of any action specified in this condition of approval. City shall take reasonable steps to promptly notify the Applicant of any claim, demand, or legal actions that may create a claim for indemnification under these conditions of approval.

VII. ADDITIONAL CONDITIONS IMPOSED BY THE ZONING ADJUSTMENTS BOARD

Pursuant to BMC 23.404.050(H), the Zoning Adjustments Board attaches the following additional conditions to this Permit:

Prior to Submittal of Any Building Permit:

14. Project Liaison. The applicant shall include in all building permit plans and post onsite the name and telephone number of an individual empowered to manage construction-related complaints generated from the project. The individual's name, telephone number, and responsibility for the project shall be posted at the project site for the duration of the project in a location easily visible to the public. The individual shall record all complaints received and actions taken in response, and submit written reports of such complaints and actions to the project planner on a weekly basis. **Please designate the name of this individual below:**

☐ **Project Liaison** _____
Name Phone #

15. Final Design Review. The Project requires approval of a Final Design Review application by the Design Review Committee.

16. Address Assignment. The applicant shall file an "Address Assignment Request Application" with the Permit Service Center (1947 Center Street) for any address change or new address associated with this Use Permit. The new address(es) shall be assigned and entered into the City's database prior to the applicant's submittal of a building permit application.

17. Construction Noise Reduction Program. The applicant shall develop a site-specific noise reduction program prepared by a qualified acoustical consultant to reduce construction noise impacts to the maximum extent feasible, subject to review and approval of the Zoning Officer. The noise reduction program shall include the time limits for construction listed above, as measures needed to ensure that construction complies with BMC Section 13.40.070. The noise reduction program should include, but shall not be limited to, the following available controls to reduce construction noise levels as low as practical:

A. Construction equipment should be well maintained and used judiciously to be as quiet as practical.
B. Equip all internal combustion engine-driven equipment with mufflers, which are in good condition and appropriate for the equipment.
C. Utilize "quiet" models of air compressors and other stationary noise sources where technology exists. Select hydraulically or electrically powered equipment and avoid pneumatically powered equipment where feasible.
D. Locate stationary noise-generating equipment as far as possible from sensitive receptors when adjoining construction sites. Construct temporary noise barriers or partial enclosures to acoustically shield such equipment where feasible.
E. Prohibit unnecessary idling of internal combustion engines.
F. If impact pile driving is required, pre-drill foundation pile holes to minimize the number of impacts required to seat the pile.
G. Construct solid plywood fences around construction sites adjacent to operational business, residences or other noise-sensitive land uses where the noise control plan analysis determines that a barrier would be effective at reducing noise.
H. Erect temporary noise control blanket barriers, if necessary, along building facades facing construction sites. This mitigation would only be necessary if conflicts occurred which were irresolvable by proper scheduling. Noise control blanket barriers can be rented and quickly erected.
I. Route construction related traffic along major roadways and away from sensitive receptors where feasible.

18. Damage Due to Construction Vibration**.** The project applicant shall submit screening level analysis prior to, or concurrent with demolition building permit. If a screening level analysis shows that the project has the potential to result in damage to structures, a structural engineer or other appropriate professional shall be retained to prepare a vibration impact assessment (assessment). The assessment shall take into account project specific information such as the composition of the structures, location of the various types of equipment used during each phase of the project, as well as the soil characteristics in the project area, in order to determine whether project construction may cause damage to any of the structures identified as potentially impacted in the screening level analysis. If the assessment finds that the project may cause damage to nearby structures, the structural engineer or other appropriate professional shall recommend design means and methods of construction that to avoid the potential damage, if feasible. The assessment and its recommendations shall be reviewed and approved by the Building and Safety Division and the Zoning Officer. If there are no feasible design means or methods to

eliminate the potential for damage, the structural engineer or other appropriate professional shall undertake an existing conditions study (study) of any structures (or, in case of large buildings, of the portions of the structures) that may experience damage. This study shall:

- establish the baseline condition of these structures, including, but not limited to, the location and extent of any visible cracks or spalls; and
- include written descriptions and photographs.

The study shall be reviewed and approved by the Building and Safety Division and the Zoning Officer prior to issuance of a grading permit. Upon completion of the project, the structures (or, in case of large buildings, of the portions of the structures) previously inspected will be resurveyed, and any new cracks or other changes shall be compared to pre-construction conditions and a determination shall be made as to whether the proposed project caused the damage. The findings shall be submitted to the Building and Safety Division and the Zoning Officer for review. If it is determined that project construction has resulted in damage to the structure, the damage shall be repaired to the pre-existing condition by the project sponsor, provided that the property owner approves of the repair.

Prior to Issuance of Any Building & Safety Permit (Demolition or Construction)

19. Construction Noise Management - Public Notice Required. At least two weeks prior to initiating any construction activities at the site, the applicant shall provide notice to businesses and residents within **500 feet** of the project site. This notice shall at a minimum provide the following: (1) project description, (2) description of construction activities during extended work hours and reason for extended hours, (3) daily construction schedule (i.e., time of day) and expected duration (number of months), (4) the name and phone number of the Project Liaison for the project that is responsible for responding to any local complaints, and (5) that construction work is about to commence. The liaison would determine the cause of all construction-related complaints (e.g., starting too early, bad muffler, worker parking, etc.) and institute reasonable measures to correct the problem. A copy of such notice and methodology for distributing the notice shall be provided in advance to the City for review and approval.

20. Construction Phases. The applicant shall provide the Zoning Officer with a schedule of major construction phases with start dates and expected duration, a description of the activities and anticipated noise levels of each phase, and the name(s) and phone number(s) of the individual(s) directly supervising each phase. The Zoning Officer or his/her designee shall have the authority to require an on-site meeting with these individuals as necessary to ensure compliance with these conditions. The applicant shall notify the Zoning Officer of any changes to this schedule as soon as possible.

21. Demolition. Demolition of the existing building cannot commence until a complete application is submitted for the replacement building. In addition, all plans presented to the City to obtain a permit to allow the demolition are subject to these conditions.

22. Construction and Demolition Diversion. Applicant shall submit a Construction Waste Management Plan that meets the requirements of BMC Chapter 19.37 including 100% diversion of asphalt, concrete, excavated soil and land-clearing debris and a minimum of 65% diversion of other nonhazardous construction and demolition waste.

23. Toxics. The applicant shall contact the Toxics Management Division (TMD) at 1947 Center Street or (510) 981-7470 to determine which of the following documents are required and timing for their submittal:

A. Environmental Site Assessments:
   1) Phase I & Phase II Environmental Site Assessments (latest ASTM 1527-13). A recent Phase I ESA (less than 2 years old*) shall be submitted to TMD for developments for:
      - All new commercial, industrial and mixed use developments and all large improvement projects.
      - All new residential buildings with 5 or more dwelling units located in the Environmental Management Area (or EMA).
      - EMA is available online at: http://www.cityofberkeley.info/uploadedFiles/IT/Level_3_-_General/ema.pdf
   2) Phase II ESA is required to evaluate Recognized Environmental Conditions (REC) identified in the Phase I or other RECs identified by TMD staff. The TMD may require a third party toxicologist to review human or ecological health risks that may be identified. The applicant may apply to the appropriate state, regional or county cleanup agency to evaluate the risks.
   3) If the Phase I is over 2 years old, it will require a new site reconnaissance and interviews. If the facility was subject to regulation under Title 15 of the Berkeley Municipal Code since the last Phase I was conducted, a new records review must be performed.

B. Soil and Groundwater Management Plan:
   1) A Soil and Groundwater Management Plan (SGMP) shall be submitted to TMD for all non-residential projects, and residential or mixed-use projects with five or more dwelling units, that: (1) are in the Environmental Management Area (EMA) and (2) propose any excavations deeper than 5 feet below grade. The SGMP shall be site specific and identify procedures for soil and groundwater management including identification of pollutants and disposal methods. The SGMP will identify permits required and comply with all applicable local, state and regional requirements.
   2) The SGMP shall require notification to TMD of any hazardous materials found in soils and groundwater during development. The SGMP will provide guidance on managing odors during excavation. The SGMP will provide the name and phone number of the individual responsible for implementing the SGMP and post the name and phone number for the person responding to community questions and complaints.
   3) TMD may impose additional conditions as deemed necessary. All requirements of the approved SGMP shall be deemed conditions of approval of this Use Permit.

C. Building Materials Survey:
   1) Prior to approving any permit for partial or complete demolition and renovation activities involving the removal of 20 square or lineal feet of interior or exterior walls, a building materials survey shall be conducted by a qualified professional. The survey shall include, but not be limited to, identification of any lead-based paint, asbestos, polychlorinated biphenyl (PBC) containing equipment, hydraulic fluids in elevators or lifts, refrigeration systems, treated wood and mercury containing devices (including fluorescent light bulbs and mercury switches). The Survey shall include plans on hazardous waste or hazardous materials removal, reuse or disposal procedures to be implemented that fully comply state hazardous waste generator requirements (22 California Code of Regulations 66260 et seq). The Survey becomes a condition of any building or demolition permit for the project. Documentation evidencing disposal of hazardous waste in compliance with the survey shall be submitted to TMD within 30 days of the completion of the demolition. If asbestos

is identified, Bay Area Air Quality Management District Regulation 11-2-401.3 a notification must be made and the J number must be made available to the City of Berkeley Permit Service Center.

D. Hazardous Materials Business Plan:

1) A Hazardous Materials Business Plan (HMBP) in compliance with BMC Section 15.12.040 shall be submitted electronically at http://cers.calepa.ca.gov/ within 30 days if on-site hazardous materials exceed BMC 15.20.040. HMBP requirement can be found at http://ci.berkeley.ca.us/hmr/

BELOW MARKET RATE UNITS

24. Affordable Housing Mitigation Fee (AHMF): Consistent with BMC 22.20.065 and fee resolution No. 68,074-N.S., the applicant shall provide a schedule, consistent with a schedule approved by the City Manager or her designee, outlining the timeframe for payment of the AHMF, or provide an alternative to the fee payment as permitted by the BMC. Payment of the AHMF may be reduced if paid prior to the building permit per resolution No. 68,074-N.S., and shall be paid no later than prior to the issuance of a certificate of occupancy for the project.

25. Number of Below Market Rate Units. The project shall provide 17 (Very Low-Income) below market rate rental dwelling units ("BMR Units"), which are required to comply with the State Density Bonus Law (Government Code Section 65915). The BMR Units shall be designated in the Regulatory Agreement and shall be reasonably dispersed throughout the project; be of the same size and contain, on average, the same number of bedrooms as the non-BMR units in the project; and be comparable with the design or use of non-BMR units in terms of appearance, materials and finish quality. The designation of BMR Units shall conform to the addresses assigned to the building by the City.

26. Regulatory Agreement. Prior to the issuance of a building permit, the applicant shall enter into a Regulatory Agreement that implements Government Code Section 65915 and this Use Permit. The Regulatory Agreement may include any terms and affordability standards determined by the City to be necessary to ensure such compliance. The maximum qualifying household income for the BMR Units shall be 50 percent of area median income (AMI), and the maximum housing payment shall be 30 percent of 50 percent of AMI, as set forth in the following paragraphs of this condition. If the BMR units are occupied by very low-income tenants receiving a rental subsidy through the Section 8 or Shelter Plus Care programs, the rent received by the project sponsor may exceed the restricted rent to the payment standards allowed under those programs so long as the rent allowed under the payment standards is not greater than the market rents charged for comparable units in the development. The applicant shall submit the Regulatory Agreement to the Housing and Community Services Department (HHCS) via email to affordablehousing@cityofberkeley.info for review and approval.

27. Affordable Housing: Below Market Rate Program. In addition, the following provisions shall apply:

A. Maximum rent shall be adjusted for the family size appropriate for the unit pursuant to California Health & Safety Code Section 50052.5 (h).

B. Rent shall include a reasonable allowance for utilities, as published and updated by the Berkeley Housing Authority, including garbage collection, sewer, water, electricity, gas, and other heating, cooking and refrigeration fuels. Such allowance shall take into account the cost of an adequate level of service. Utilities do not include telephone service. Rent also includes

any separately charged fees or service charges assessed by the lessor which are required of all tenants, other than security deposits.

C. BMR units will be provided for the life of the project under Section 22.20.065.

28. Determination of Area Median Income (AMI).

- The "AMI" (Area Median Income) shall be based on the income standards for the Oakland Primary Metropolitan Statistical Area reported by the United States Department of Housing and Urban Development (HUD). In the event HUD discontinues establishing such income standards, AMI shall be based on income standards determined by the California State Department of Housing and Community Development (HCD). If such income standards are no longer in existence, the City will designate another appropriate source or method for determining the median household income.
- The applicable AMI for the purpose of determining the allowable rent for each unit (but not for the purpose of determining eligibility for occupancy of an inclusionary unit) shall be determined in accordance with the following table:

Unit Size	**AMI Standard**
Studio unit	AMI for a one-person household
One-bedroom unit	AMI for a two-person household
Two-bedroom unit	AMI for a three-person household
Three-bedroom unit	AMI for a four-person household

29. Nothing in these conditions shall be interpreted to prohibit, or to require modification of the Use Permit or Regulatory Agreement to allow, the provision of additional BMR units, or additional affordability, than are required in the foregoing provisions.

30. Affordable Housing. Nothing in conditions 24-32 shall be interpreted to prohibit, or to require modification of the Use Permit or Regulatory Agreement to allow, the provision of additional BMR units, or additional affordability, then are required in the foregoing provisions.

31. Affordable Housing. Dwellings that are approved as rental units, but in which a condo map is approved prior to issuance of an occupancy permit, shall be subject to the affordability requirements within BMC 23.328.

A. Residential housing projects for the construction of five or more Dwelling Units;
B. Residential housing projects for the construction of one to four new Dwelling Units, when such Units are added to an existing one to four-unit property, which has been developed after August 14, 1986, and the resulting number of units totals five or more. All Units in such a property are subject to the requirements of this chapter;
C. Residential housing projects proposed on lots whose size and zoning designation is such to allow construction of five or more Dwelling Units.

32. Affordable Housing – Density Bonus. If a density bonus was granted for the project, the regulatory agreement shall reflect the number of qualifying units set forth in Section 65915(f)(4) that are needed to support the bonus that was granted.

Prior to Issuance of Any Building (Construction) Permit

33. Parcel Merger. The applicant shall secure approval of any parcel merger and/or lot line adjustment associated with this Use Permit.

34. Percent for Public Art: Consistent with BMC §23.316, the applicant shall either pay the required in-lieu fee or provide the equivalent amount in a financial guarantee to be released after installation of the On-Site Publicly Accessible Art.

35. HVAC Noise Reduction. Prior to the issuance of building permits, the project applicant shall submit plans that show the location, type, and design of proposed heating, ventilation, and cooling (HVAC) equipment. In addition, the applicant shall provide product specification sheets or a report from a qualified acoustical consultant showing that operation of the proposed HVAC equipment will meet the City's exterior noise requirements in BMC Section 13.40.050. The City's Planning and Development Department shall review the submitted plans, including the selected HVAC equipment, to verify compliance with exterior noise standards.

36. Interior Noise Levels. Prior to issuance of a building permit, the applicant shall submit a report to the Building and Safety Division and the Zoning Officer by a qualified acoustic engineer certifying that the interior residential portions of the project will achieve interior noise levels of no more than 45 Ldn (Average Day-Night Levels). If the adopted Building Code imposes a more restrictive standard for interior noise levels, the report shall certify compliance with this standard.

37. Solar Photovoltaic (Solar PV). Solar Photovoltaic (Solar PV) and Battery Energy Storage Systems (ESS). A solar PV system shall be installed, subject to specific limited exceptions, as specified by the Berkeley Energy Code (BMC Chapter 19.36). Energy storage system (ESS) readiness (new single-family, duplex, and townhouse homes) or ESS installation (new multifamily and most nonresidential buildings) shall be completed as specified by BMC Chapter 19.36. Location of the solar PV system and the ESS, if applicable, shall be noted on the construction plans.

38. Water Efficient Landscaping. Landscaping, totaling 500 square feet of more of new landscaping or 2,500 square feet or more of renovated irrigated area, shall comply with the State's Model Water Efficient Landscape Ordinance (MWELO). MWELO-compliant landscape documentation including a planting, grading, and irrigation plan shall be included in site plans. Water budget calculations are also required for landscapes of 2,500 square feet or more and shall be included in site plans. The reference evapotranspiration rate (ETo) for Berkeley is 41.8.

39. Prohibition of Natural Gas Infrastructure in New Buildings. The project shall comply with the City of Berkeley Prohibition of Natural Gas Infrastructure in New Buildings (BMC Chapter 12.80).

40. Recycling and Organics Collection. Applicant shall provide recycling and organics collection areas for occupants, clearly marked on site plans, which comply with the Alameda County Mandatory Recycling Ordinance (ACWMA Ordinance 2012-01).

41. Public Works ADA. Plans submitted for building permit shall include replacement of sidewalk, curb, gutter, and other streetscape improvements, as necessary to comply with current City of Berkeley standards for accessibility.

42. Required Parking Spaces for Persons with Disabilities. Per BMC Section 23.322.040.H of the Zoning Ordinance, "If the number of required off-street parking spaces in a non-residential

district is reduced as allowed by this chapter, the number of required parking spaces for persons with disabilities shall be calculated as if there had been no reduction in required spaces."

Prior to Demolition or Start of Construction:

43. Construction Meeting. The applicant shall request of the Zoning Officer an on-site meeting with City staff and key parties involved in the early phases of construction (e.g., applicant, general contractor, foundation subcontractors) to review these conditions and the construction schedule. The general contractor or applicant shall ensure that all subcontractors involved in subsequent phases of construction aware of the conditions of approval.

During Construction:

44. Construction Hours. Construction activity shall be limited to between the hours of 7:00 AM and 6:00 PM on Monday through Friday, and between 9:00 AM and 4:00 PM on Saturday. No construction-related activity shall occur on Sunday or any Federal Holiday.

45. Construction Hours- Exceptions. It is recognized that certain construction activities, such as the placement of concrete, must be performed in a continuous manner and may require an extension of these work hours. Prior to initiating any activity that might require a longer period, the developer must notify the Zoning Officer and request an exception for a finite period of time. If the Zoning Officer approves the request, then two weeks prior to the expanded schedule, the developer shall notify businesses and residents within 500 feet of the project site describing the expanded construction hours. A copy of such notice and methodology for distributing the notice shall be provided in advance to the City for review and approval. The project shall not be allowed more than 15 extended working days.

46. Project Construction Website. The applicant shall establish a project construction website with the following information clearly accessible and updated monthly or more frequently as changes warrant:

- Contact information (i.e. "hotline" phone number, and email address) for the project construction manager
- Calendar and schedule of daily/weekly/monthly construction activities
- The final Conditions of Approval, Mitigation Monitoring and Reporting Program, Transportation Construction Plan, Construction Noise Reduction Program, and any other reports or programs related to construction noise, air quality, and traffic.

47. Public Works - Implement BAAQMD-Recommended Measures during Construction. For all proposed projects, BAAQMD recommends implementing all the Basic Construction Mitigation Measures, listed below to meet the best management practices threshold for fugitive dust:

A. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
B. All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
C. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
D. All vehicle speeds on unpaved roads shall be limited to 15 mph.
E. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.

F. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
G. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
H. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

48. Air Quality - Diesel Particulate Matter Controls during Construction. All off-road construction equipment used for projects with construction lasting more than 2 months shall comply with **one** of the following measures:

A. The project applicant shall prepare a health risk assessment that demonstrates the project's on-site emissions of diesel particulate matter during construction will not exceed health risk screening criteria after a screening-level health risk assessment is conducted in accordance with current guidance from BAAQMD and OEHHA. The health risk assessment shall be submitted to the Land Use Planning Division for review and approval prior to the issuance of building permits; or
B. All construction equipment shall be equipped with Tier 2 or higher engines and the most effective Verified Diesel Emission Control Strategies (VDECS) available for the engine type (Tier 4 engines automatically meet this requirement) as certified by the California Air Resources Board (CARB). The equipment shall be properly maintained and tuned in accordance with manufacturer specifications.

In addition, a Construction Emissions Minimization Plan (Emissions Plan) shall be prepared that includes the following:

- An equipment inventory summarizing the type of off-road equipment required for each phase of construction, including the equipment manufacturer, equipment identification number, engine model year, engine certification (tier rating), horsepower, and engine serial number. For all VDECS, the equipment inventory shall also include the technology type, serial number, make, model, manufacturer, CARB verification number level, and installation date.
- A Certification Statement that the Contractor agrees to comply fully with the Emissions Plan and acknowledges that a significant violation of the Emissions Plan shall constitute a material breach of contract. The Emissions Plan shall be submitted to the Public Works Department for review and approval prior to the issuance of building permits.

49. Construction and Demolition Diversion. Divert debris according to your plan and collect required documentation. Get construction debris receipts from sorting facilities in order to verify diversion requirements. Upload recycling and disposal receipts if using Green Halo and submit online for City review and approval prior to final inspection. Alternatively, complete the second page of the original Construction Waste Management Plan and present it, along with your construction debris receipts, to the Building Inspector by the final inspection to demonstrate diversion rate compliance. The Zoning Officer may request summary reports at more frequent intervals, as necessary to ensure compliance with this requirement.

50. Low-Carbon Concrete. The project shall maintain compliance with the Berkeley Green Code (BMC Chapter 19.37) including use of concrete mix design with a cement reduction of at least 25%. Documentation on concrete mix design shall be available at all times at the construction site for review by City Staff.

51. Transportation Construction Plan. The applicant and all persons associated with the project are hereby notified that a Transportation Construction Plan (TCP) is required for all phases of construction, particularly for the following activities:

- Alterations, closures, or blockages to sidewalks, pedestrian paths or vehicle travel lanes (including bicycle lanes);
- Storage of building materials, dumpsters, debris anywhere in the public ROW;
- Provision of exclusive contractor parking on-street; or
- Significant truck activity.

The applicant shall secure the City Traffic Engineer's approval of a TCP. Please contact the Office of Transportation at 981-7010, or 1947 Center Street, and ask to speak to a traffic engineer. In addition to other requirements of the Traffic Engineer, this plan shall include the locations of material and equipment storage, trailers, worker parking, a schedule of site operations that may block traffic, and provisions for traffic control. The TCP shall be consistent with any other requirements of the construction phase.

Contact the Permit Service Center (PSC) at 1947 Center Street or 981-7500 for details on obtaining Construction/No Parking Permits (and associated signs and accompanying dashboard permits). Please note that the Zoning Officer and/or Traffic Engineer may limit off-site parking of construction-related vehicles if necessary to protect the health, safety or convenience of the surrounding neighborhood. A current copy of this Plan shall be available at all times at the construction site for review by City Staff.

52. Avoid Disturbance of Nesting Birds. Initial site disturbance activities, including vegetation and concrete removal, shall be prohibited during the general avian nesting season (February 1 to August 30), if feasible. If nesting season avoidance is not feasible, the applicant shall retain a qualified biologist to conduct a preconstruction nesting bird survey to determine the presence/absence, location, and activity status of any active nests on or adjacent to the project site. The extent of the survey buffer area surrounding the site shall be established by the qualified biologist to ensure that direct and indirect effects to nesting birds are avoided. To avoid the destruction of active nests and to protect the reproductive success of birds protected by the MBTA and CFGC, nesting bird surveys shall be performed not more than 14 days prior to scheduled vegetation and concrete removal. In the event that active nests are discovered, a suitable buffer (typically a minimum buffer of 50 feet for passerines and a minimum buffer of 250 feet for raptors) shall be established around such active nests and no construction shall be allowed inside the buffer areas until a qualified biologist has determined that the nest is no longer active (e.g., the nestlings have fledged and are no longer reliant on the nest). No ground-disturbing activities shall occur within this buffer until the qualified biologist has confirmed that breeding/nesting is completed and the young have fledged the nest. Nesting bird surveys are not required for construction activities occurring between August 31 and January 31.

53. Archaeological Resources (*Ongoing throughout demolition, grading, and/or construction*). Pursuant to CEQA Guidelines section 15064.5(f), "provisions for historical or unique

archaeological resources accidentally discovered during construction" should be instituted. Therefore:

A. In the event that any prehistoric or historic subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources shall be halted and the project applicant and/or lead agency shall consult with a qualified archaeologist, historian or paleontologist to assess the significance of the find.
B. If any find is determined to be significant, representatives of the project proponent and/or lead agency and the qualified professional would meet to determine the appropriate avoidance measures or other appropriate measure, with the ultimate determination to be made by the City of Berkeley. All significant cultural materials recovered shall be subject to scientific analysis, professional museum curation, and/or a report prepared by the qualified professional according to current professional standards.
C. In considering any suggested measure proposed by the qualified professional, the project applicant shall determine whether avoidance is necessary or feasible in light of factors such as the uniqueness of the find, project design, costs, and other considerations.
D. If avoidance is unnecessary or infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed on other parts of the project site while mitigation measures for cultural resources is carried out.
E. If significant materials are recovered, the qualified professional shall prepare a report on the findings for submittal to the Northwest Information Center.

54. Human Remains (*Ongoing throughout demolition, grading, and/or construction*). In the event that human skeletal remains are uncovered at the project site during ground-disturbing activities, all work shall immediately halt and the Alameda County Coroner shall be contacted to evaluate the remains, and following the procedures and protocols pursuant to Section 15064.5 (e)(1) of the CEQA Guidelines. If the County Coroner determines that the remains are Native American, the City shall contact the California Native American Heritage Commission (NAHC), pursuant to subdivision (c) of Section 7050.5 of the Health and Safety Code, and all excavation and site preparation activities shall cease within a 50-foot radius of the find until appropriate arrangements are made. If the agencies determine that avoidance is not feasible, then an alternative plan shall be prepared with specific steps and timeframe required to resume construction activities. Monitoring, data recovery, determination of significance and avoidance measures (if applicable) shall be completed expeditiously.

55. Paleontological Resources (*Ongoing throughout demolition, grading, and/or construction*). In the event of an unanticipated discovery of a paleontological resource during construction, excavations within 50 feet of the find shall be temporarily halted or diverted until the discovery is examined by a qualified paleontologist (per Society of Vertebrate Paleontology standards [SVP 1995,1996]). The qualified paleontologist shall document the discovery as needed, evaluate the potential resource, and assess the significance of the find. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction is allowed to resume at the location of the find. If the City determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of the project on the qualities that make the resource important, and such plan shall be implemented. The plan shall be submitted to the City for review and approval.

56. Halt Work/Unanticipated Discovery of Tribal Cultural Resources. In the event that cultural resources of Native American origin are identified during construction, all work within 50 feet of

the discovery shall be redirected. The project applicant and project construction contractor shall notify the City Planning Department within 24 hours. The City will again contact any tribes who have requested consultation under AB 52, as well as contact a qualified archaeologist, to evaluate the resources and situation and provide recommendations. If it is determined that the resource is a tribal cultural resource and thus significant under CEQA, a mitigation plan shall be prepared and implemented in accordance with State guidelines and in consultation with Native American groups. If the resource cannot be avoided, additional measures to avoid or reduce impacts to the resource and to address tribal concerns may be required.

57. Stormwater Requirements. The applicant shall demonstrate compliance with the requirements of the City's National Pollution Discharge Elimination System (NPDES) permit as described in BMC Section 17.20. The following conditions apply:

A. The project plans shall identify and show site-specific Best Management Practices (BMPs) appropriate to activities conducted on-site to limit to the maximum extent practicable the discharge of pollutants to the City's storm drainage system, regardless of season or weather conditions.

B. Trash enclosures and/or recycling area(s) shall be covered; no other area shall drain onto this area. Drains in any wash or process area shall not discharge to the storm drain system; these drains should connect to the sanitary sewer. Applicant shall contact the City of Berkeley and EBMUD for specific connection and discharge requirements. Discharges to the sanitary sewer are subject to the review, approval and conditions of the City of Berkeley and EBMUD.

C. Landscaping shall be designed with efficient irrigation to reduce runoff, promote surface infiltration and minimize the use of fertilizers and pesticides that contribute to stormwater pollution. Where feasible, landscaping should be designed and operated to treat runoff. When and where possible, xeriscape and drought tolerant plants shall be incorporated into new development plans.

D. Design, location and maintenance requirements and schedules for any stormwater quality treatment structural controls shall be submitted to the Department of Public Works for review with respect to reasonable adequacy of the controls. The review does not relieve the property owner of the responsibility for complying with BMC Chapter 17.20 and future revisions to the City's overall stormwater quality ordinances. This review shall be shall be conducted prior to the issuance of a Building Permit.

E. All paved outdoor storage areas must be designed to reduce/limit the potential for runoff to contact pollutants.

F. All on-site storm drain inlets/catch basins must be cleaned at least once a year immediately prior to the rainy season. The property owner shall be responsible for all costs associated with proper operation and maintenance of all storm drainage facilities (pipelines, inlets, catch basins, outlets, etc.) associated with the project, unless the City accepts such facilities by Council action. Additional cleaning may be required by City of Berkeley Public Works Engineering Dept.

G. All private or public projects that create and/or replace 10,000 square feet or more of impervious surface must comply with Provision C.3 of the Alameda County NPDES permit and must incorporate stormwater controls to enhance water quality. Permit submittals shall include a Stormwater Requirement Checklist and detailed information showing how the proposed project will meet Provision C.3 stormwater requirements, including a) Site design measures to reduce impervious surfaces, promote infiltration, and reduce water quality impacts; b) Source Control Measures to keep pollutants out of stormwater runoff; c)

Stormwater treatment measures that are hydraulically sized to remove pollutants from stormwater; d) an O & M (Operations and Maintenance) agreement for all stormwater treatment devices and installations; and e) Engineering calculations for all stormwater devices (both mechanical and biological).

H. All on-site storm drain inlets must be labeled "No Dumping – Drains to Bay" or equivalent using methods approved by the City.

I. Most washing and/or steam cleaning must be done at an appropriately equipped facility that drains to the sanitary sewer. Any outdoor washing or pressure washing must be managed in such a way that there is no discharge or soaps or other pollutants to the storm drain. Sanitary connections are subject to the review, approval and conditions of the sanitary district with jurisdiction for receiving the discharge.

J. All loading areas must be designated to minimize "run-on" or runoff from the area. Accumulated waste water that may contribute to the pollution of stormwater must be drained to the sanitary sewer or intercepted and pretreated prior to discharge to the storm drain system. The property owner shall ensure that BMPs are implemented to prevent potential stormwater pollution. These BMPs shall include, but are not limited to, a regular program of sweeping, litter control and spill cleanup.

K. Restaurants, where deemed appropriate, must be designed with a contained area for cleaning mats, equipment and containers. This contained wash area shall be covered or designed to prevent run-on or run-off from the area. The area shall not discharge to the storm drains; wash waters should drain to the sanitary sewer, or collected for ultimate disposal to the sanitary sewer. Employees shall be instructed and signs posted indicating that all washing activities shall be conducted in this area. Sanitary connections are subject to the review, approval and conditions of the waste water treatment plant receiving the discharge.

L. Sidewalks and parking lots shall be swept regularly to prevent the accumulation of litter and debris. If pressure washed, debris must be trapped and collected to prevent entry to the storm drain system. If any cleaning agent or degreaser is used, wash water shall not discharge to the storm drains; wash waters should be collected and discharged to the sanitary sewer. Discharges to the sanitary sewer are subject to the review, approval and conditions of the sanitary district with jurisdiction for receiving the discharge.

M. The applicant is responsible for ensuring that all contractors and sub-contractors are aware of and implement all stormwater quality control measures. Failure to comply with the approved construction BMPs shall result in the issuance of correction notices, citations, or a project stop work order.

58. Public Works. All piles of debris, soil, sand, or other loose materials shall be covered at night and during rainy weather with plastic at least one-eighth millimeter thick and secured to the ground.

59. Public Works. The applicant shall ensure that all excavation takes into account surface and subsurface waters and underground streams so as not to adversely affect adjacent properties and rights-of-way.

60. Public Works. The project sponsor shall maintain sandbags or other devices around the site perimeter during the rainy season to prevent on-site soils from being washed off-site and into the storm drain system. The project sponsor shall comply with all City ordinances regarding construction and grading.

61. Public Works. Prior to any excavation, grading, clearing, or other activities involving soil disturbance during the rainy season the applicant shall obtain approval of an erosion prevention plan by the Building and Safety Division and the Public Works Department. The applicant shall be responsible for following these and any other measures required by the Building and Safety Division and the Public Works Department.

62. Public Works. The removal or obstruction of any fire hydrant shall require the submission of a plan to the City's Public Works Department for the relocation of the fire hydrant during construction.

63. Public Works. If underground utilities leading to adjacent properties are uncovered and/or broken, the contractor involved shall immediately notify the Public Works Department and the Building & Safety Division, and carry out any necessary corrective action to their satisfaction.

Prior to Final Inspection or Issuance of Occupancy Permit:

64. Compliance with Conditions. The project shall conform to the plans and statements in the Use Permit. The developer is responsible for providing sufficient evidence to demonstrate compliance with the requirements throughout the implementation of this Use Permit.

65. Compliance with Approved Plan. The project shall conform to the plans and statements in the Use Permit. All landscape, site and architectural improvements shall be completed per the attached approved drawings received May 2, 2023, except as modified by conditions of approval.

66. Transportation Demand Management. Prior to issuance of a Certificate of Occupancy, the property owner shall facilitate a site inspection by Land Use Division staff to confirm that the physical improvements required in Section 23.334.030(C) and 23.322.090 (bike parking) have been installed. A Parking and Transportation Demand Management (PTDM) compliance report documenting that the programmatic measures required in Sections 23.334.030(C) and 23.322.090 are implemented shall be submitted to the Land Use Division prior to occupancy, and on an annual basis thereafter, which demonstrates that the project is compliant with the applicable requirements in these sections.

A. Consistent with Section 23.334.030(B), at least one of the following transit benefits shall be offered, at no cost to the resident, for a period of ten years after the issuance of a Certificate of Occupancy. A notice describing these transportation benefits shall be posted in a location or locations visible to all employees.
   1. One monthly pass for unlimited local bus transit service for every bedroom in each dwelling unit.
   2. Subject to the review and approval of the Zoning Officer in consultation with the Transportation Division Manager, a functionally equivalent transit benefit in an amount at least equal to the price of a non-discounted unlimited adult monthly pass for unlimited local bus transit service monthly local bus pass.

B. Consistent with Section 23.334.030(C), publicly-available, real-time transportation information in a common area, such as a lobby or elevator bay, on televisions, computer monitors or other displays readily visible to residents and/or visitors, shall be provided. Transportation information shall include, but is not limited to, transit arrivals and departures for nearby transit routes.

At All Times:

67. Transportation Demand Management Compliance. The property owner shall submit to the Planning Department periodic TDM Compliance Reports in accordance with Administrative Regulations, subject to the review and oversight of the Zoning Officer. Property owners may be required to pay administrative fees associated with compliance with this Condition, pursuant to BMC Section 23.334.040(B).

68. Exterior Lighting. All exterior lighting shall be energy efficient where feasible; and shielded and directed downward and away from property lines to prevent excessive glare beyond the subject property.

69. Noise and exterior lighting shall be controlled so as to prevent verified complaints from the surrounding neighborhood. This shall include noise created by employees working on the premises before or after patrons arrive.

70. Rooftop Projections. No additional rooftop or elevator equipment shall be added to exceed the approved maximum roof height without submission of an application for a Use Permit Modification, subject to Board review and approval.

71. Design Review. Signage and any other exterior modifications, including but not limited to landscaping and lighting, shall be subject to Design Review Committee approval.

72. Drainage Patterns. The applicant shall establish and maintain drainage patterns that do not adversely affect adjacent properties and rights-of-way. Drainage plans shall be submitted for approval of the Building & Safety Division and Public Works Department, if required.

73. Electrical Meter. Only one electrical meter fixture may be installed per dwelling unit.

74. Loading. All loading/unloading activities associated with deliveries to all uses shall be restricted to the hours of 7:00 a.m. to 10:00 p.m. daily.

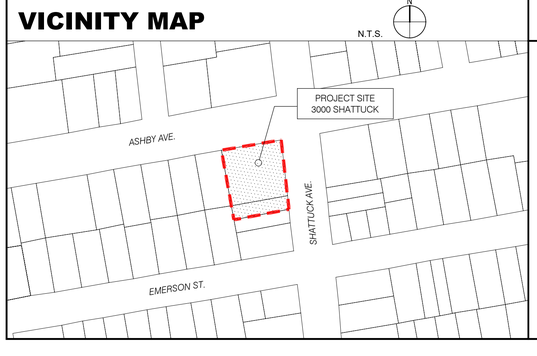
75. Residential Permit Parking. No Residential Permit Parking (RPP) permits shall be issued to project residents, nor shall commercial placards be issued to non-residential occupants and/or users of the site. The project planner shall notify the Finance Department, Customer Service Center, to add these addresses to the list of addresses ineligible for RPP permits. The property owner shall notify all tenants of rental units, and/or buyers of condominium units, of this restriction in leases and/or contracts, and shall provide sample leases and/or contracts including such notification to the project planner prior to issuance of an occupancy permit or final inspection.

76. Bike Parking. Secure and on-site bike parking for at least 61 bicycles shall be provided for the life of the building.

77. Tenant Notification. The developer shall provide tenant notification, via a lease rider or deed covenant, that each dwelling unit is located in a mixed-use area that includes commercial, food service and entertainment uses, and that each occupant shall not seek to impede their lawful operation.

78. Periodic Review and Reporting. The City may require periodic review of this approved project to verify compliance with permit requirements and conditions of approval. The permit holder or property owner is responsible for complying with any periodic reporting, monitoring, or assessments requirement. This permit is subject to the provisions of BMC Section 23.404.080 (Permit Revocation) if violations of the permit requirements are found by the Zoning Officer.

VICINITY MAP



PROJECT DIRECTORY

PROJECT SPONSOR:
3000 Shattuck Avenue, LLC
NX Ventures, LLC
1958A University Ave
Berkeley, CA 94704

ARCHITECT:
Isaiah Stackhouse, Principal
TRACHTENBERG ARCHITECTS
2421 Fourth Street
Berkeley, CA 94710
510.649.1414
www.trachtenbergarch.com

LANDSCAPE ARCHITECT:
Penn Phillips
INSIDEOUT DESIGN
6000 Harwood Avenue
Oakland CA 94618
510.655.7674
www.aboutinsideout.com

PROJECT DESCRIPTION

PROJECT ADDRESS: 3000 Shattuck
Berkeley, CA 94705 (APN: 053 159200100)

SCOPE OF WORK:
REMOVAL OF EXISTING 1 STORY COMMERCIAL STRUCTURE & CONSTRUCTION OF A NEW 9-STORY MIXED-USE BUILDING WITH 156-DWELLING UNITS, GROUND LEVEL LOBBIES AND COMMERCIAL SPACE WITH STATE OF CALIFORNIA DENSITY BONUS.

ZONING CODE SUMMARY

(BASED ON THE BERKELEY MUNICIPAL ZONING CODE)

ZONING: C-SA

SEE SHEET A0.1 FOR COMPLETE ZONING DATA

DRAWING LIST

A0.0	GENERAL INFORMATION	A3.6	PHOTO CONTEXT VIEWS	I1.1	ROOF DECK IRRIGATION PLAN
A0.1	ZONING INFORMATION & DIAGRAMS	A3.7	PHOTO CONTEXT VIEWS	I1.2	IRRIGATION NOTES AND LEGENDS
A0.3A	DENSITY BONUS DIAGRAMS	A3.8	PERSPECTIVE VIEWS	I1.3	IRRIGATION DETAILS
A0.3B	DENSITY BONUS CALCULATIONS	A3.9	PERSPECTIVE VIEWS	I1.4	IRRIGATION DETAILS
A0.4A	SHADOW STUDIES	A3.10	PERSPECTIVE VIEWS	I1.5	IRRIGATION DETAILS
A0.4B	SHADOW STUDIES	A3.11	PERSPECTIVE VIEWS	I1.6	IRRIGATION DETAILS AND WELO
A0.4C	SHADOW STUDIES	A3.12	PERSPECTIVE VIEWS		
A0.5	SITE CONTEXT PHOTOS	A3.13	PERSPECTIVE VIEWS		
A0.6	VICINITY MAP	A3.14	PERSPECTIVE VIEWS		
A1.1	SITE SURVEY	A3.15	PERSPECTIVE VIEWS		
A2.1	FLOOR PLANS	A3.16	PERSPECTIVE VIEWS		
A2.2	FLOOR PLANS	MAT	MATERIAL BOARD		
A2.3	FLOOR PLANS	A4.1	BUILDING SECTION		
A3.1	BUILDING ELEVATIONS	A5.1	CONCEPTUAL GRADING PLAN		
A3.2	BUILDING ELEVATIONS	L1.0	GROUND LEVEL LANDSCAPE PLAN		
A3.3	BUILDING ELEVATIONS	L1.1	ROOF DECK LANDSCAPE PLAN		
A3.4	BUILDING ELEVATIONS	L2.0	LANDSCAPE IMAGERY		
A3.5	STREETSCAPE ELEVATIONS	I1.0	GROUND LEVEL IRRIGATION PLAN		

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JOB: 2104

SHEET:

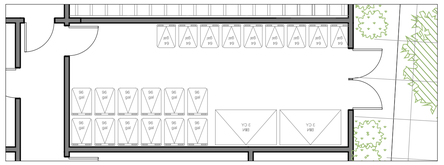
GENERAL INFORMATION

A0.0

ZONING MAP

N.T.S.

REFUSE AND RECYCLING

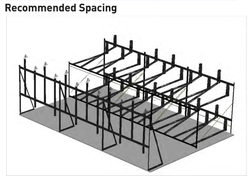


Waste and Recycling Calculation								
# of Bedrooms	Factor	Occupants	Total cuft required (.25cy or 50 gallons / 3		Waste (40%)		Recycling (40%)	Organics (20%)
166	1.00	166	13.83 cy	2,767 gal	5.53 cuft	1,107 gal	1,107 gal	553 gal
Space Calculation	Container Quantities			Space Required			150% Additional	
	Waste	Recycling	Organics	Factor/container		Space/ Container	Required	Provided
3 cy bin (606 gal)	2			28 sf		56 sf		
2 cy bin (404 gal)				28 sf		sf		
96 gallon cart		12		7 sf		84 sf		
64 gallon cart			9	6 sf		50 sf		
Total capacity	1212 gal	1152 gal	576 gal			190 sf	284 sf	363 SF

LONG TERM BIKE PARKING

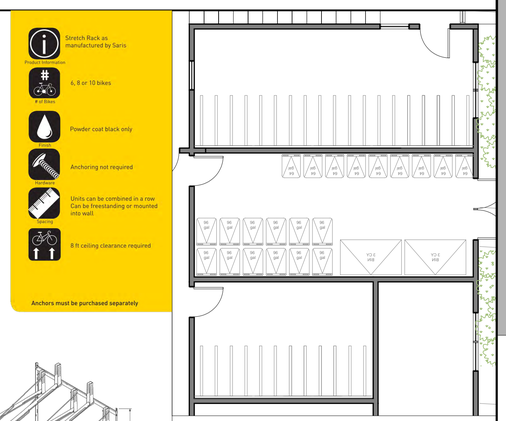
Stretch Rack

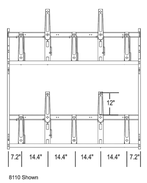
Recommended Spacing

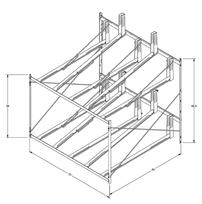


Product Details

- Modular construction allows for easy expansion, side by side or back to back
- Staggered bike position saves space and eases clearance between bikes
- Can be combined with vertical racks for full bike room layout
- Does not require anchoring (wall or floor)
- Bolt together design



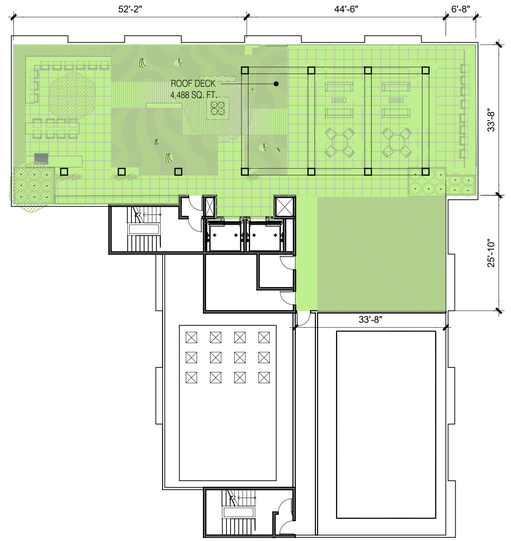




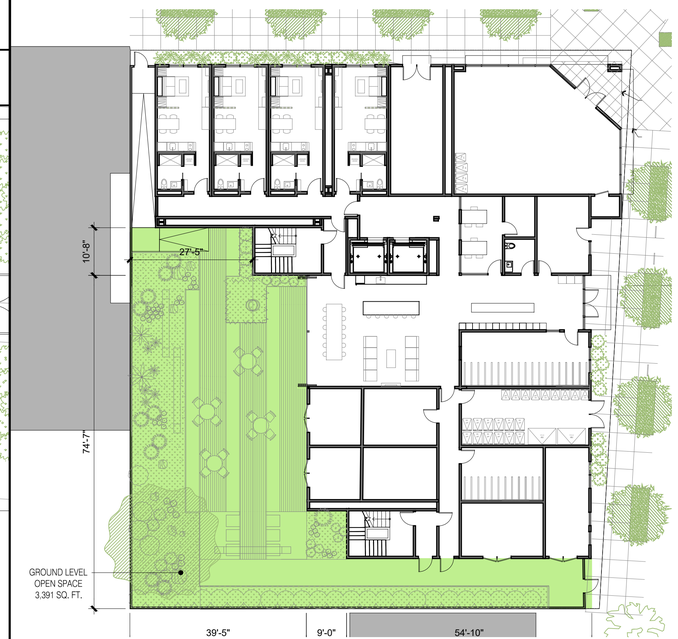
Saris Bicycle Parking & Storage Solutions 800.783.7257 x174 www.sarisparking.com

Downloadable product resources available online: CAD Files, SketchUp Files, Written Specs, Photos

OPEN SPACE DIAGRAMS



ROOF LEVEL



LEVEL 1

ZONING CODE DATA

	BASELINE ZONING ALLOWABLE/REQUIRED	ALLOWABLE W/ UP OR AUP MODIFICATION	PROPOSED W/ DENSITY BONUS	** Via Density Bonus Waiver
NUMBER OF DWELLING UNITS	N/A	N/A	166	
COMMERCIAL AREA	N/A	N/A	1,043	
PARKING	SEE TABLE	SEE TABLE	SEE TABLE	
BIKE PARKING	N/A	61	61	
FRONT YARD SETBACK (ASHBY)	15'	0' COMPLIES W/ UP BMC 23.204.100.D.2	2'-6" and 3'-0"	**
STREET SIDE YARD SETBACK (SHATTUC	VARIES; 6' TO 15'	0' COMPLIES W/ UP BMC 23.204.100.D.2	0" to 6'-8"	**
SIDE YARD SETBACK	VARIES; 4' TO 12'	0' COMPLIES W/ UP BMC 23.204.100.D.2	5'-7" to 39'-4"	**
REAR YARD SETBACK	15'	0' COMPLIES W/ UP BMC 23.204.100.D.2	11'-3" to 85'-2"	**
BUILDING HEIGHT	36'	NOT LIMITED COMPLIES W/UP BMC 23.204.100.D.2	113'-10"	**
BUILDING STORIES	3	NOT LIMITED COMPLIES W/UP BMC 23.204.100.D.2	10	**
LOT AREA	13,561	13,561	13,561	
LOT AREA (ACRES)	0.31	0.31	0.31	
GROSS FLOOR AREA (SEE TABLE)	54,244	54,244	81,552	
BUILDING FOOTPRINT	6,781	NOT LIMITED COMPLIES W/UP BMC 23.204.100.D.2	8,399	**
LOT COVERAGE	50%	NOT LIMITED COMPLIES W/UP BMC 23.204.100.D.2	62%	**
USABLE OPEN SPACE (SEE TABLE)	SEE TABLE	SEE TABLE	SEE TABLE	
PROJECT FAR	4.0	4.0	6.00	**

PROPOSED FLOOR AREA WITH DENSITY BONUS

	COMMERCIAL	RESIDENTIAL	TOTAL
LEVEL 10		8,150	8,150
LEVEL 9		8,150	8,150
LEVEL 8		8,150	8,150
LEVEL 7		8,150	8,150
LEVEL 6		8,150	8,150
LEVEL 5		8,150	8,150
LEVEL 4		8,150	8,150
LEVEL 3		8,150	8,150
LEVEL 2		7,953	7,953
GROUND LEVEL (EXCLUDES PARKING)	1,043	7,356	8,399
TOTAL FLOOR AREA W/ DENSITY BONU	1,043	80,509	81,552

UNIT COUNTS

UNIT TYPE	STUDIO	TOTAL
LEVEL 10	18	18
LEVEL 9	18	18
LEVEL 8	18	18
LEVEL 7	18	18
LEVEL 6	18	18
LEVEL 5	18	18
LEVEL 4	18	18
LEVEL 3	18	18
LEVEL 2	18	18
GROUND LEVEL	4	4
TOTAL	166	166
PERCENT OF TOTAL	100%	
TOTAL BEDROOM COUNT	166	166

OPEN SPACE TABLE

	UNITS	RATIO	TOTAL	LANDSCAPE AREA (40%)
TOTAL UNITS	166	40	6,640	
TOTAL REQUIRED			6,640	
TOTAL AREA PROVIDED			7,879	3,186
GROUND LEVEL OPEN SPACE			3,391	
ROOF DECK			4,488	

BICYCLE PARKING CALCULATIONS

	UNITS/SF	SPACES/BEDROOM/SF	TOTAL REQ	PROVIDED
NEW COMMERCIAL	1,043	1/2000	1	1
RESIDENTIAL (LONG TERM)	166	0.33	55	55
RESIDENTIAL (SHORT TERM)	166	0.025	5	5
TOTAL PARKING			**61**	**61**

PARKING TABLE

	UNITS/SF	MIN.	REQUIRED	PROPOSED
RESIDENTIAL	166	0	0	0
COMMERCIAL (1ST 1,000 SF EXEMPT)	43	2/1000 SF	0	0

ROOFTOP ARCHITECTURAL ELEMENTS CALCS

AVERAGE AREA	8155
TOTAL AREA OF ROOFTOP ELEMENTS	1,020
% AREA OF ROOFTOP ARCH.	12.5%
ALLOWABLE % (PER 23E.04.020C)	15.0%

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ZONING DATA

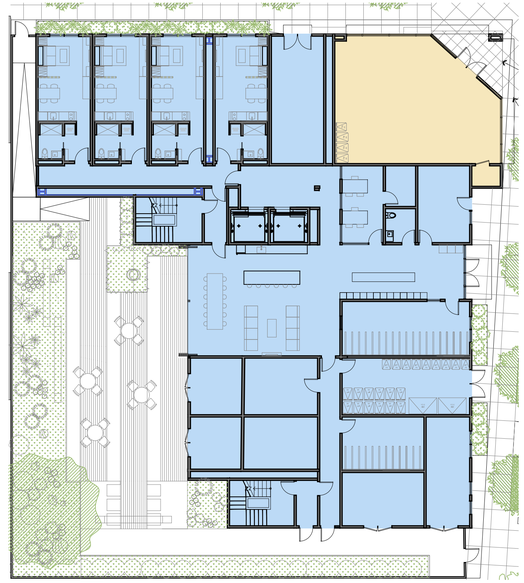
A0.1

DENSITY BONUS DIAGRAM AREA KEY

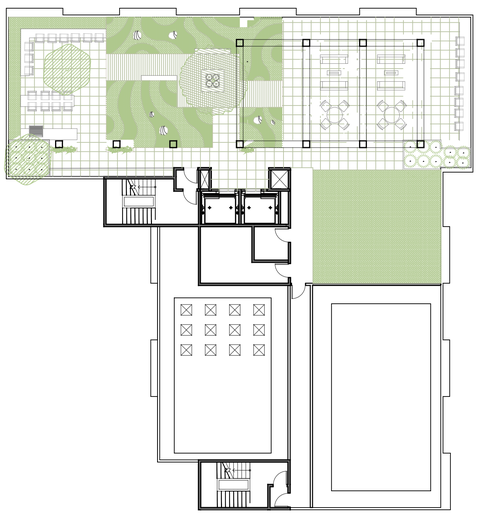
RESIDENTIAL AREA

COMMERCIAL AREA

PLAN AT LEVELS 3-10



PLAN AT GROUND



PLAN AT ROOF

PLAN AT LEVELS 2

PROPOSED DENSITY BONUS PROJECT

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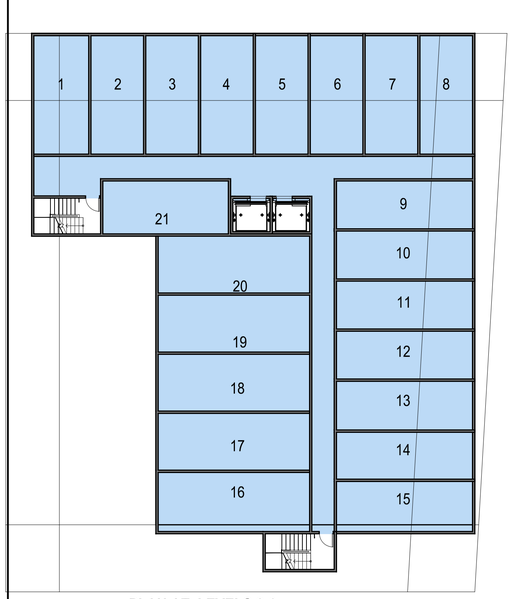
DENSITY BONUS DIAGRAMS

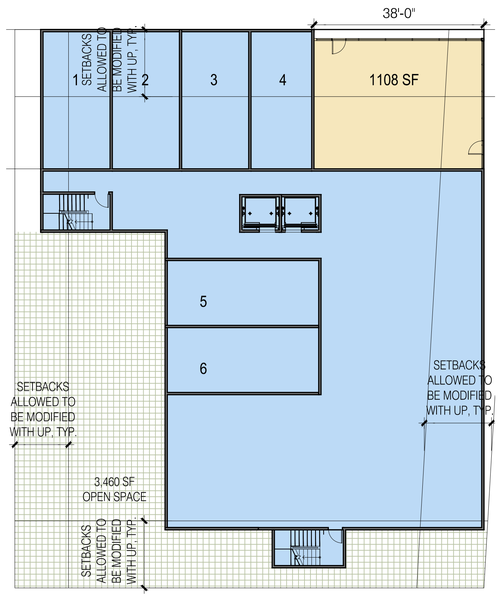
A0.3A

ZONING COMPLIANCE TABLE

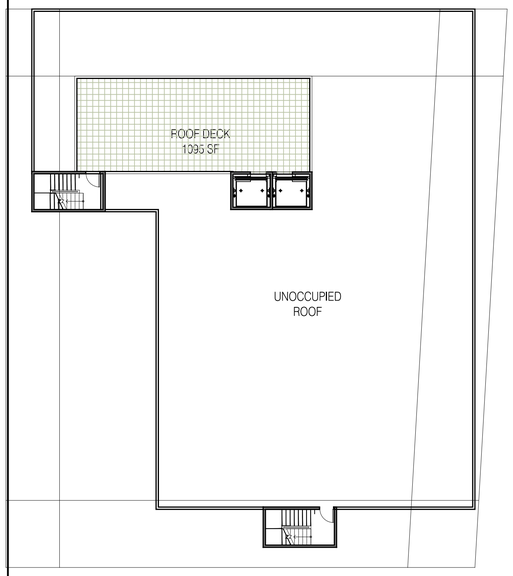
	ALLOWABLE BASE PROJECT W/ AVAILABLE USE PERMITS					PROPOSED DENSITY BONUS PROJECT	
	UNMODIFIED REQUIREMENT	ALLOWABLE MODIFICATION	CODE SECTION	TYPE	UP #	PROPOSED	COMPLIANCE CHECK
FRONT YARD SETBACK (ASHBY)	15'	0'	BMC 23.204.100.D.2	UP		VARIES 2'-6" AND 3'-0"	COMPLIES W/ DENSITY BONUS WAIVER
STREET SIDE YARD SETBACK (SHATTUCK)	VARIES 6' TO 15'	0'	BMC 23.204.100.D.2	UP		VARIES 0' TO 6'-8"	COMPLIES W/ DENSITY BONUS WAIVER
SIDE YARD SETBACK	VARIES 4' TO 12'	0'	BMC 23.204.100.D.2	UP		VARIES 5'-7" TO 39'-4"	COMPLIES W/ DENSITY BONUS WAIVER
REAR YARD SETBACK	15'	0'	BMC 23.204.100.D.2	UP	1	VARIES 11'-3" TO 85'-2"	COMPLIES W/ DENSITY BONUS WAIVER
BUILDING HEIGHT	36	NOT LIMITED	BMC 23.204.100.D.2	UP	2	113'-10"	COMPLIES W/ DENSITY BONUS WAIVER
BUILDING STORIES	3	NOT LIMITED	BMC 23.204.100.D.2	UP	3	10	COMPLIES W/ DENSITY BONUS WAIVER
LOT COVERAGE	VARIES 50% TO 40%	NOT LIMITED	BMC 23.204.100.D.2	UP	4	62%	COMPLIES W/ DENSITY BONUS WAIVER
USABLE OPEN SPACE	4440	NOT MODIFIABLE W/ UP				7879	COMPLIES
PROJECT FAR	4	NOT MODIFIABLE W/ UP				6	COMPLIES W/ DENSITY BONUS WAIVER



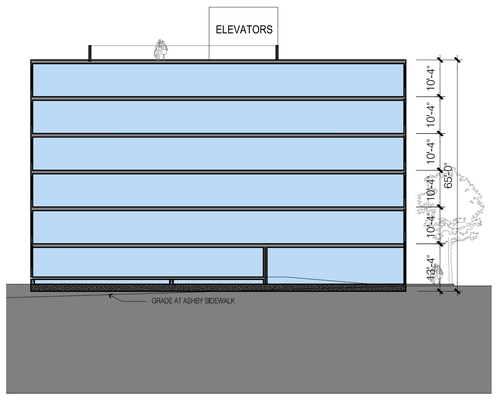
PLAN AT LEVELS 2-6



PLAN AT GROUND



PLAN AT ROOF



BASE PROJECT

DENSITY BONUS TABLE

	Base Project	Base # Units	Base # Units	% VLI units	# VLI Units	#VLI Units	Bonus %	# DB Units	# DB Units	Maximum DB Project
	sq. ft. - see calculation below	base project area / base avg. unit size	Base Units/Max. Residential Density (rounds up)	VLI = Very Low Income <50 AMI	% VLI x Base # Units			%Bonus x Base # Units	%Bonus x Base # Units (rounded up)	%Bonus x Base # Units (rounded up)
	53,118	111	111	15%	16.65	17.00	50.0%	55.5000	56	167

Base Project Res. Area	Floor	Proposed Project Res. Area	#VLI	%VLI	%DB	#DB	#Concessions
	Tenth	8,150	6	5%	20.00%	134	1
	Ninth	8,150	7	6%	22.50%	136	1
	Eighth	8,150	8	7%	25.00%	139	1
	Seventh	8,150	9	8%	27.50%	142	1
8,985	Sixth	8,150	10	9%	30.00%	145	1
8,985	Fifth	8,150	12	10%	32.50%	148	2
8,985	Fourth	8,150	13	11%	35.00%	150	2
8,985	Third	8,150	14	12%	38.75%	155	2
8,985	Second	8,150	15	13%	42.50%	159	2
8,985	Second	7,953	16	14%	46.25%	163	2
8,193	Ground	7,356	**17**	**15%**	**50.00%**	**167**	**3**
Total Floor Area: **53,118**		**80,509**					

Base Project # of Units	Floor	Proposed Project # of Units		
	Tenth	18	Proposed Area:	80,509
	Ninth	18		
	Eighth	18	Proposed Units:	166
	Seventh	18		
21	Sixth	18	Average Unit Size:	485
21	Fifth	18		
21	Fourth	18		
21	Third	18		
21	Second	18		
6	Ground	4		
Total Units: **111**		**166**		

BASE PROJECT ZONING COMPLIANCE CHECKS

Base Project - Open Space

	Units	Ratio	Total Area
Total Required for Base Unit	111	40	4440
Total Area Provided			4555
Provided Open Space (Ground Floor Open Space)			3460
Provided Open Space (Roof Deck)			1095

Base Project - FAR

	Res. Area	Commercial	Total GFA
GFA	53,118	1108	54,226
Site Area			13,561
FAR			3.999

Base Project - Parking

	Units/SF	Bedrooms	Ratio	Total Req.	Provided
Residential				0	0
Commercial (1,000 exempt)	108	N/A	2/1000 SF	0	0

Base Project -Bicycle Parking

	Units/SF	Bedrooms	Ratio	Total Req.	Provided
New Comm.	1,108		1/2000	2	2
Res. (Long)		111	0.33	37	34
Res (Short)		111	0.025	2	2

Base Project - Stormwater

	Roof Area	%	Required	Provided
Base Units	8,985	4%	359	949

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JOB: 2104

SHEET:

DENSITY BONUS CALCULATIONS

A0.3B

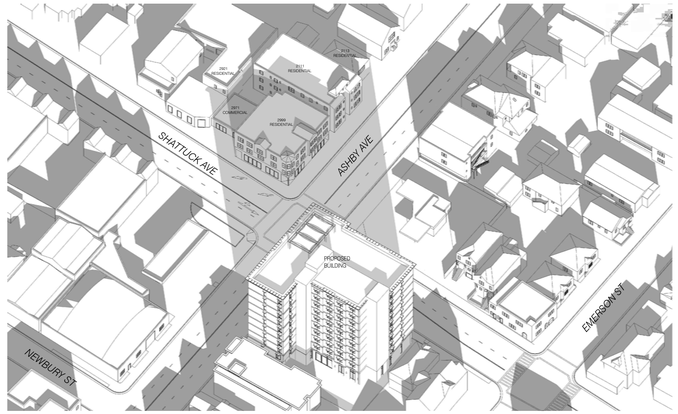
WINTER SOLSTICE
DEC 21ST:
2-HRS BEFORE SUNSET (PM)

DARK TONE GREY INDICATES SHADOWS FROM EXISTING BUILDINGS

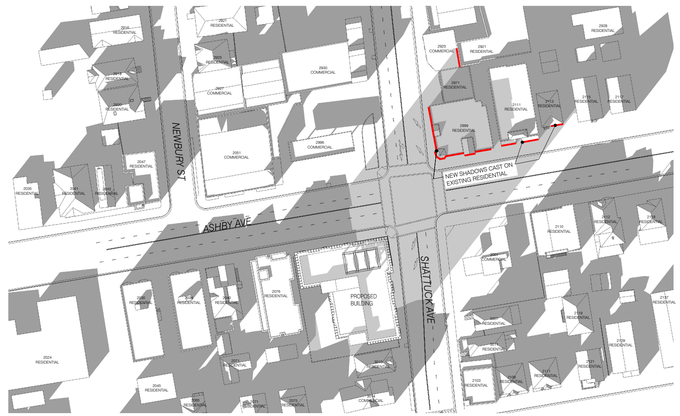
LIGHTER TONE GREY INDICATES SHADOWS FROM PROPOSED BUILDING

NEW SHADOW AT RESIDENTIAL BUILDING

ALL RESIDENTIAL BUILDINGS BEING SHADOWED SHOWN IN THESE DIAGRAMS



6 SHADOW STUDY AXONOMETRIC - PM
N.T.S.



5 SHADOW STUDY - PM
1:160 @ 11X17 1:80 @ 24X36

N

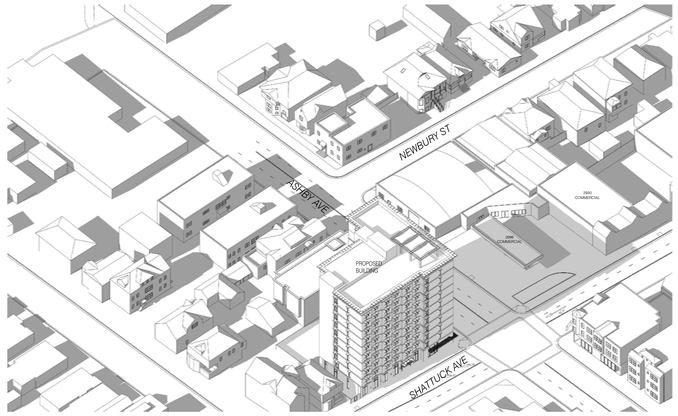
WINTER SOLSTICE
DEC 21ST:
NOON

DARK TONE GREY INDICATES SHADOWS FROM EXISTING BUILDINGS

LIGHTER TONE GREY INDICATES SHADOWS FROM PROPOSED BUILDING

NEW SHADOW AT RESIDENTIAL BUILDING

ALL RESIDENTIAL BUILDINGS BEING SHADOWED SHOWN IN THESE DIAGRAMS



4 SHADOW STUDY AXONOMETRIC - NOON
NT.S.

3 SHADOW STUDY - NOON
1:160 @ 11X17 1:80 @ 24X36

N

WINTER SOLSTICE
DEC 21ST:
2-HRS AFTER SUNRISE (AM)

DARK TONE GREY INDICATES SHADOWS FROM EXISTING BUILDINGS

LIGHTER TONE GREY INDICATES SHADOWS FROM PROPOSED BUILDING

NEW SHADOW AT RESIDENTIAL BUILDING

ALL RESIDENTIAL BUILDINGS BEING SHADOWED SHOWN IN THESE DIAGRAMS

2 SHADOW STUDY AXONOMETRIC - AM
N.T.S.

1 SHADOW STUDY - AM
1:160 @ 11X17 1:80 @ 24X36

N

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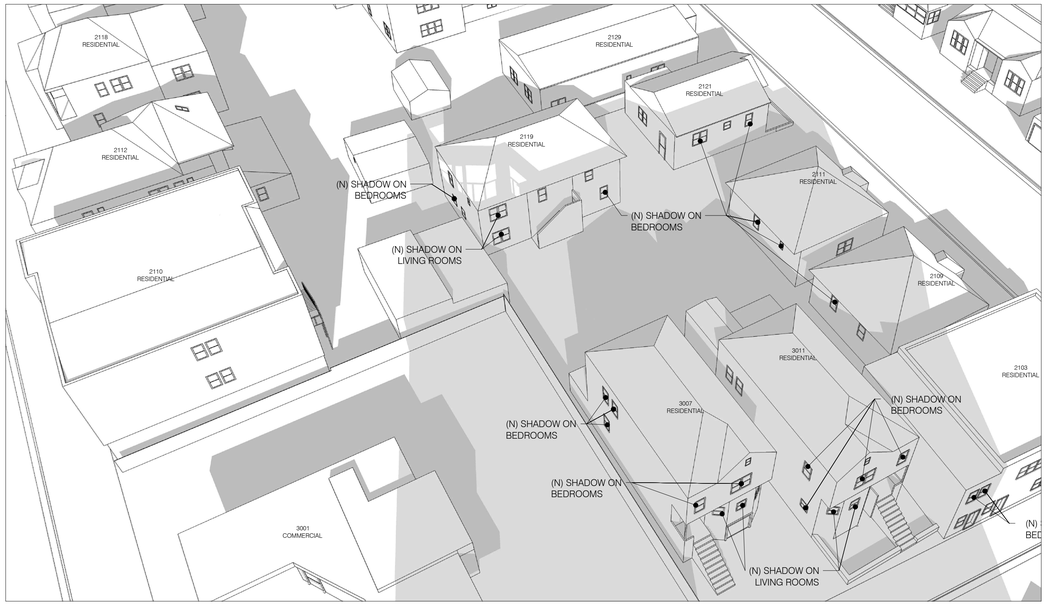
SHADOW STUDIES
DECEMBER 21ST

A0.4A

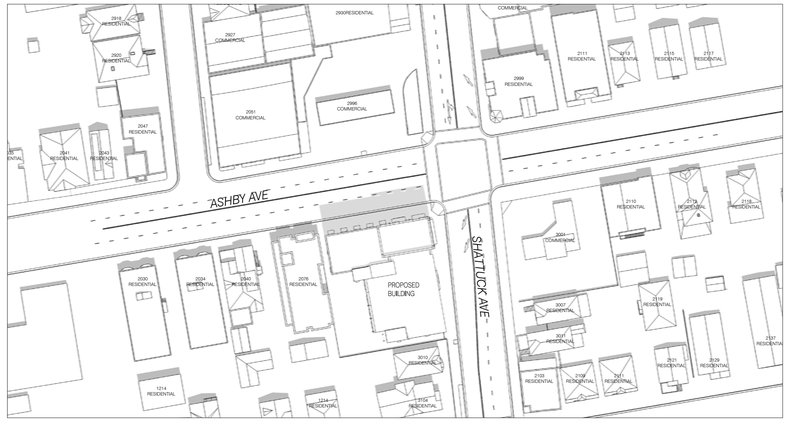
5 SHADOW STUDY AXONOMETRIC - JUNE 21: 2-HRS AFTER SUNRISE

NTS



4 SHADOW STUDY AXONOMETRIC - JUN 21: 2-HRS BEFORE SUNSET

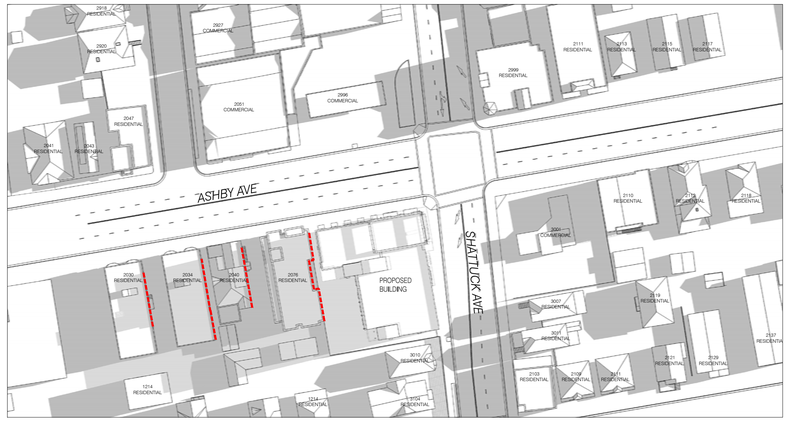
NTS



3 SHADOW STUDY - JUNE 21: NOON

1:130 @ 11X17 1:65 @ 24X36

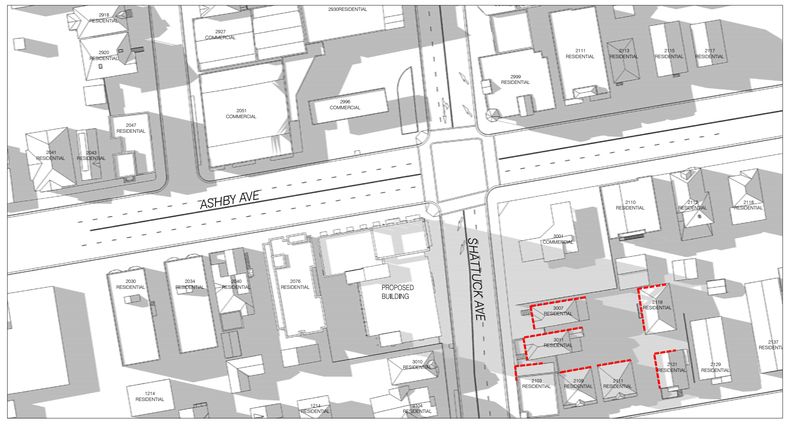
N



2 SHADOW STUDY - JUNE 21: 2 HRS AFTER SUNRISE

1:130 @ 11X17 1:65 @ 24X36

N



1 SHADOW STUDY - JUNE 21: 2-HRS BEFORE SUNSET

1:130 @ 11X17 1:65 @ 24X36

N

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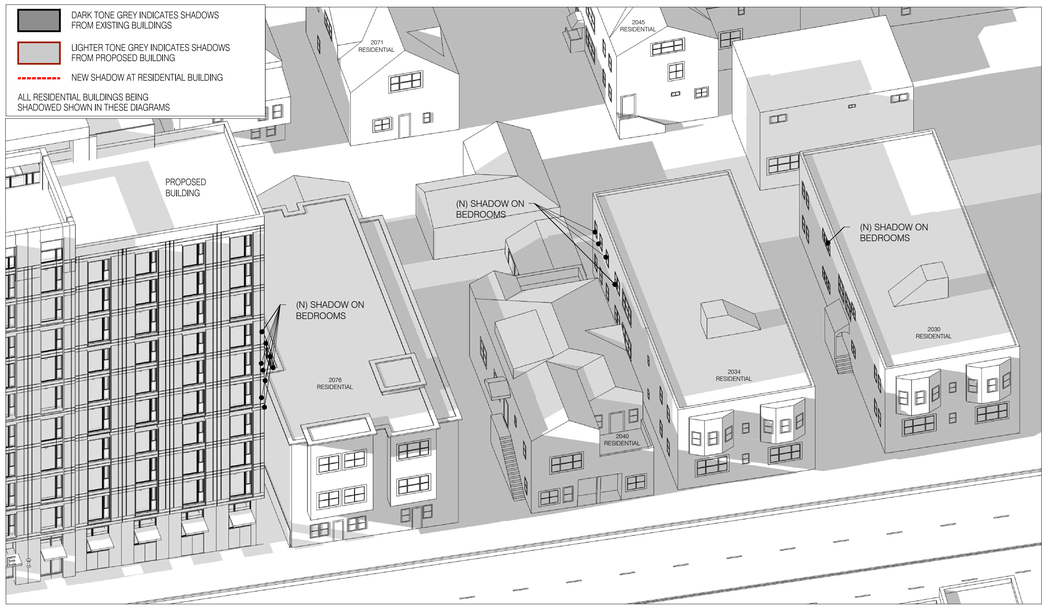
JOB: 2104

SHEET:

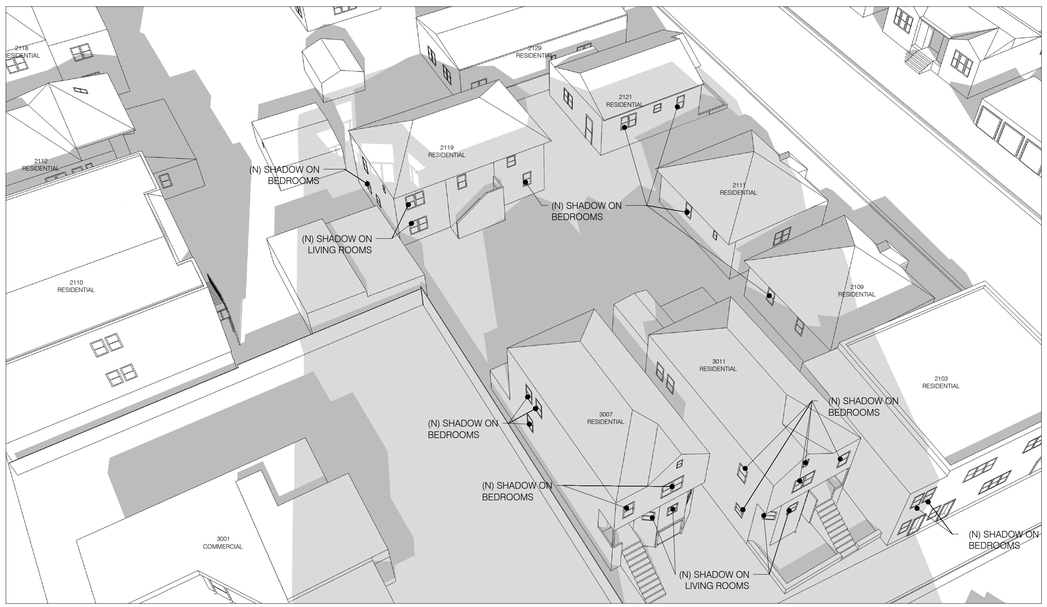
SHADOW STUDIES
JUNE 21ST

A0.4B



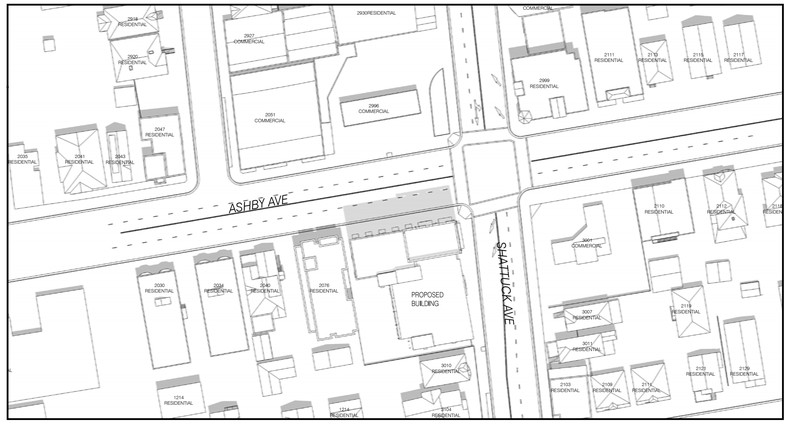
5 SHADOW STUDY AXONOMETRIC - JULY 8: 2 HRS AFTER SUNRISE

1:100 @ 11X17 1:50 @ 24X36



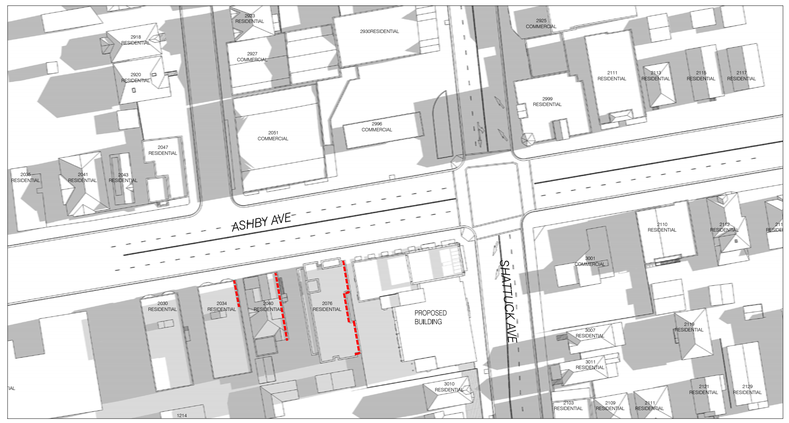
4 SHADOW STUDY AXONOMETRIC - JULY 8: 2-HRS BEFORE SUNSET

NTS



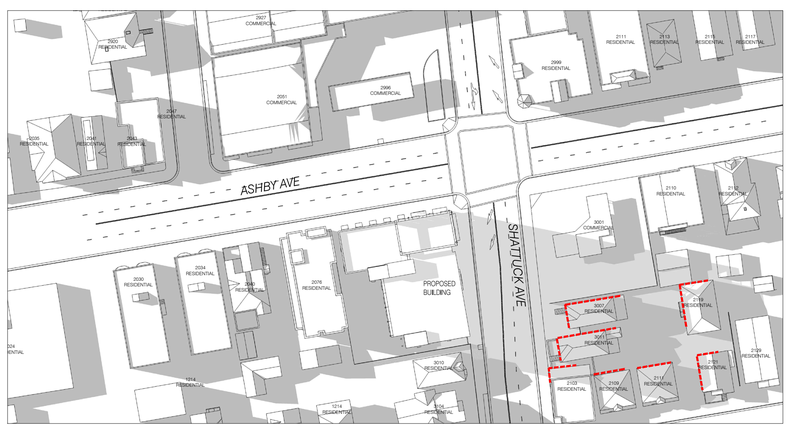
3 SHADOW STUDY - JULY 8: NOON

1:130 @ 11X17 1:65 @ 24X36



2 SHADOW STUDY - JULY 8: 2 HRS AFTER SUNRISE

1:130 @ 11X17 1:65 @ 24X36



1 SHADOW STUDY - JULY 8: 2-HRS BEFORE SUNSET

1:130 @ 11X17 1:65 @ 24X36

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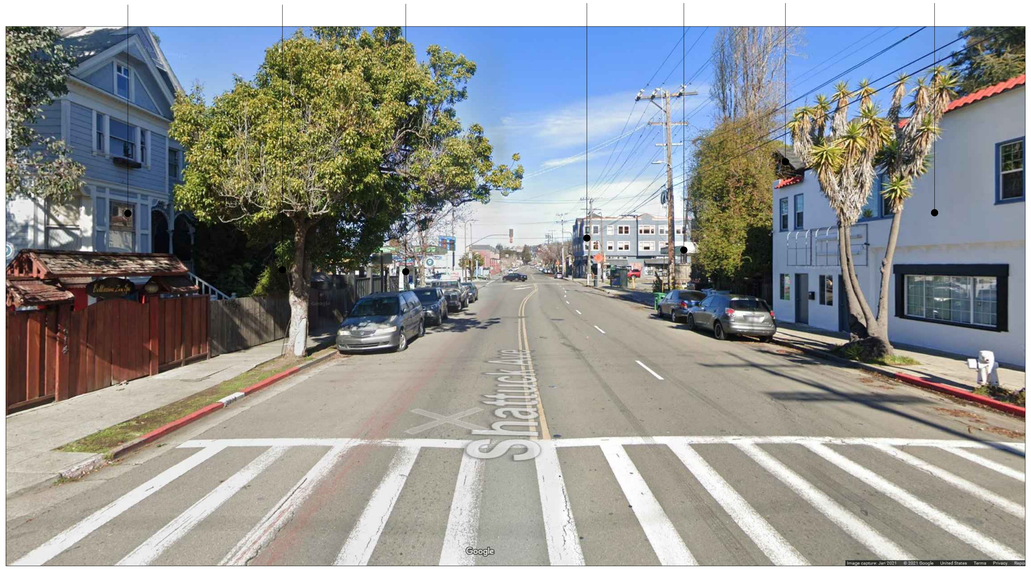
SHEET:

SHADOW STUDIES
JULY 8TH

A0.4C

4 - VIEW FROM SHATTUCK LOOKING SOUTH

2 - VIEW FROM ASHBY LOOKING WEST



3 - VIEW FROM SHATTUCK LOOKING NORTH

1 - GOOGLE EARTH BIRD'S EYE CONTEXT VIEW

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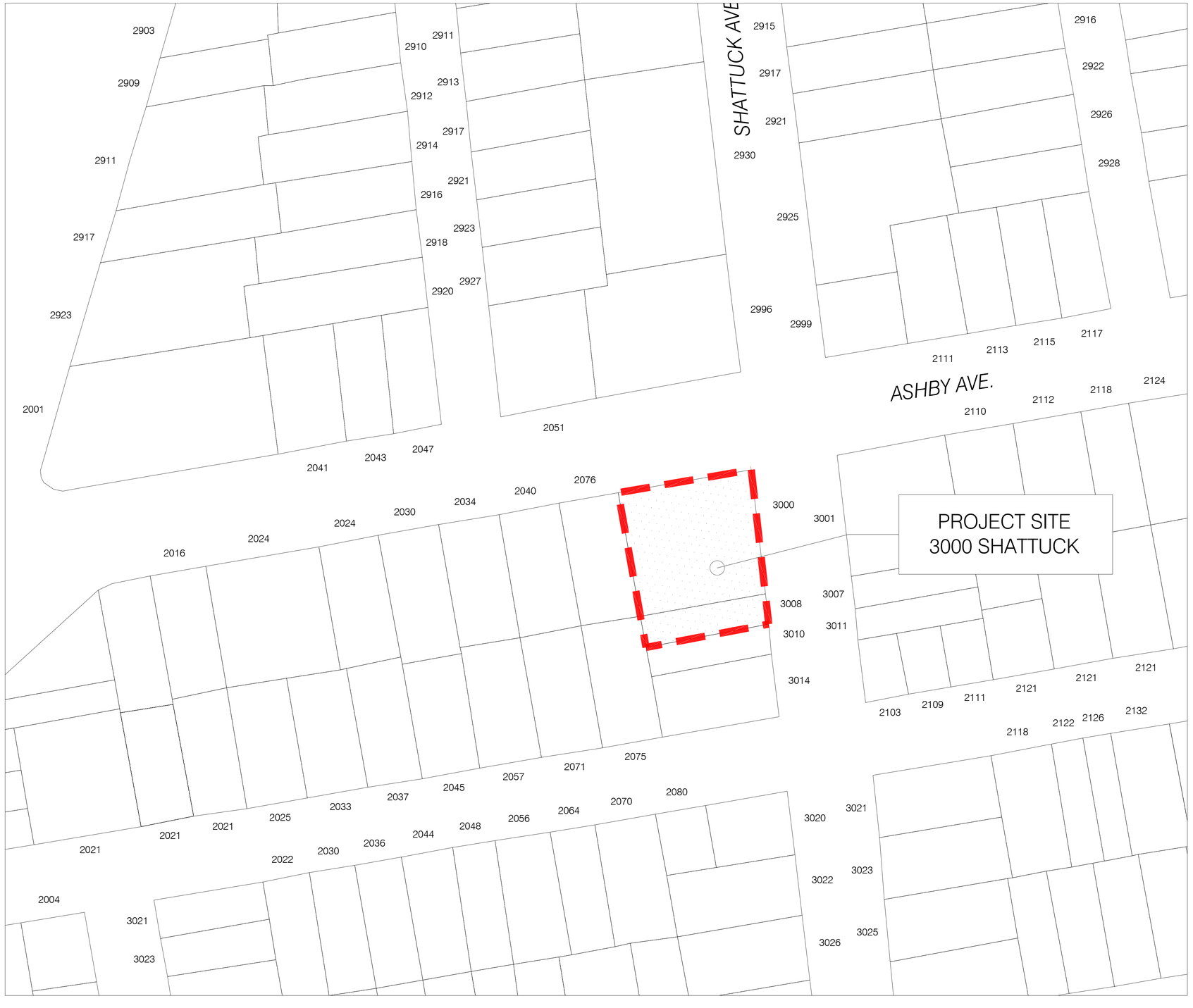
SHEET:

SITE CONTEXT
PHOTOS

A0.5



1 - VICINITY MAP
NTS

N

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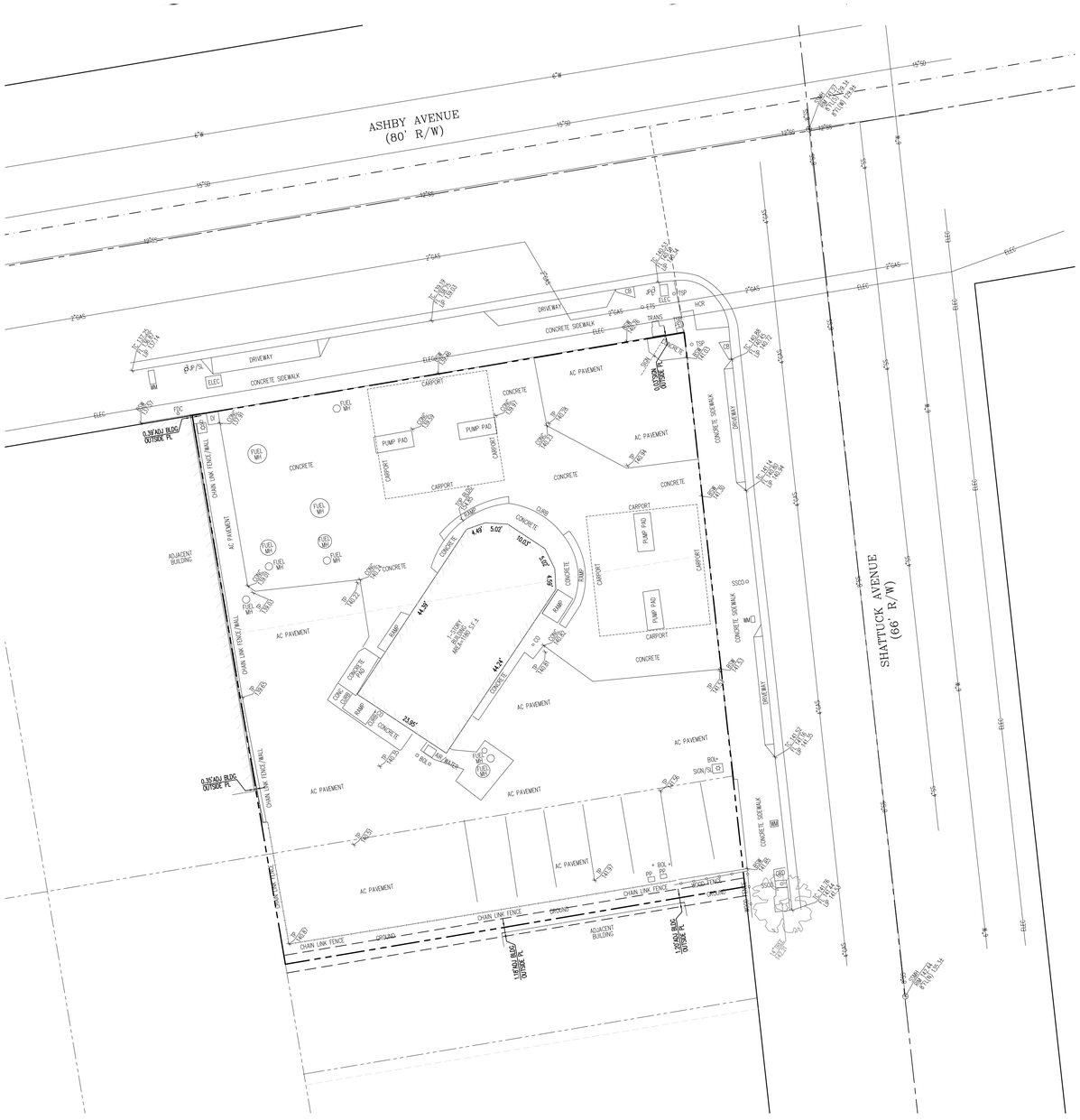
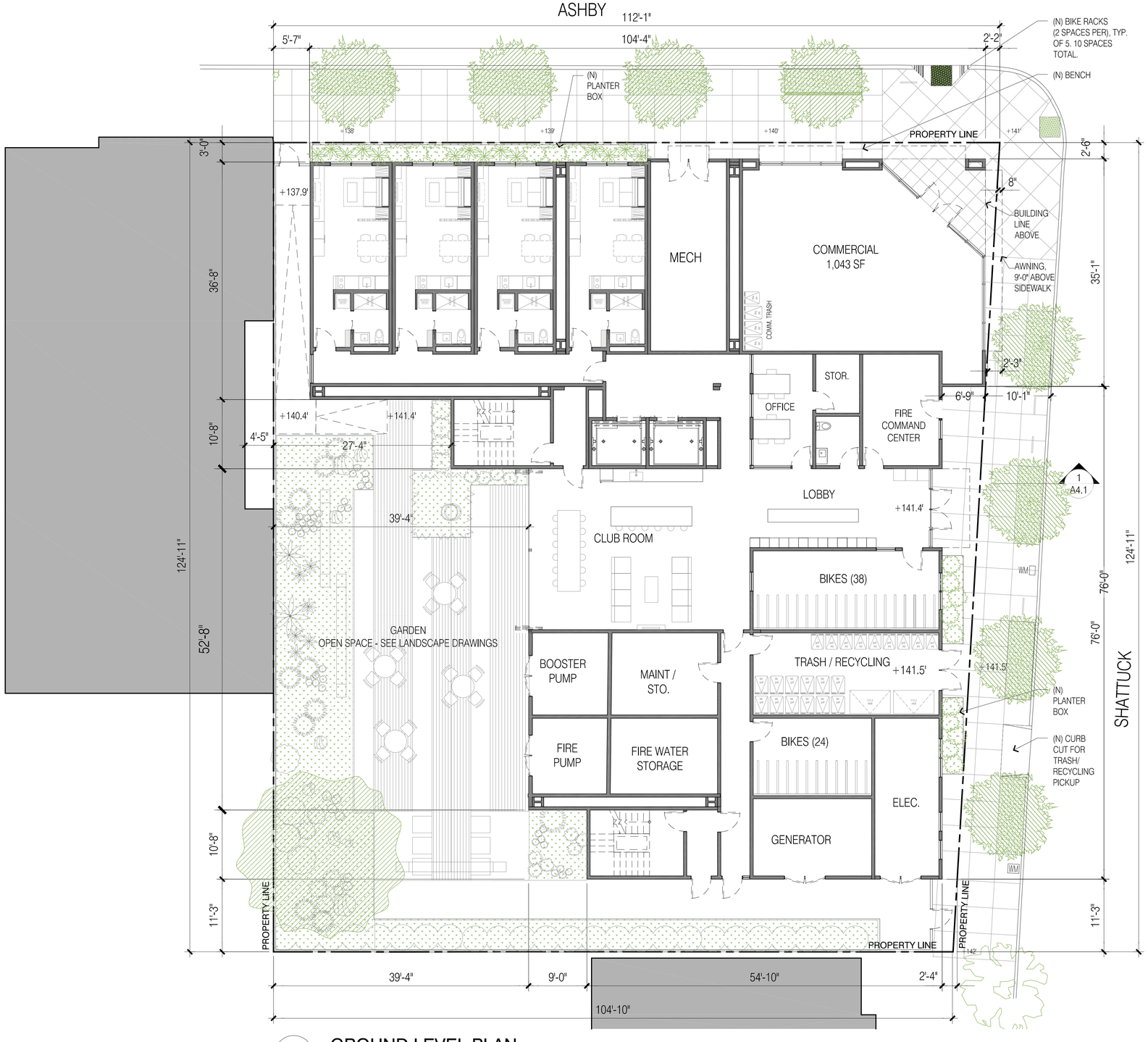
SHEET:

VICINITY MAP

A0.6


ASHBY AVENUE
(80' R/W)
SHATTUCK AVENUE
(66' R/W)
AC PAVEMENT
CONCRETE
CONCRETE SIDEWALK
DRIVEWAY
CARPORT
PUMP PAD
CHAIN LINK FENCE
ADJACENT BUILDING
0.35'ADJ BLDG OUTSIDE PL
FUEL MH
SSMH
WM
SIGN/SL
BOL
RAMP
CURB
CONC PAD
LANDING
9.45'
5.02'
10.01'
4.59'
44.38'
44.24'
23.95'
1 STORY WOOD FRAME 37.3 ±
1 STORY WOOD FRAME 33.8 ±
1 STORY WOOD FRAME 35.1 ±
2 STORY WOOD FRAME 33.1 ±
1 STORY WOOD FRAME 33.5 ±
1 STORY WOOD FRAME 35.3 ±
1 STORY WOOD FRAME 35.4



1 - GROUND LEVEL PLAN

1/8" = 1'-0" @ 24X36 1/16' = 1'-0" @ 11X17

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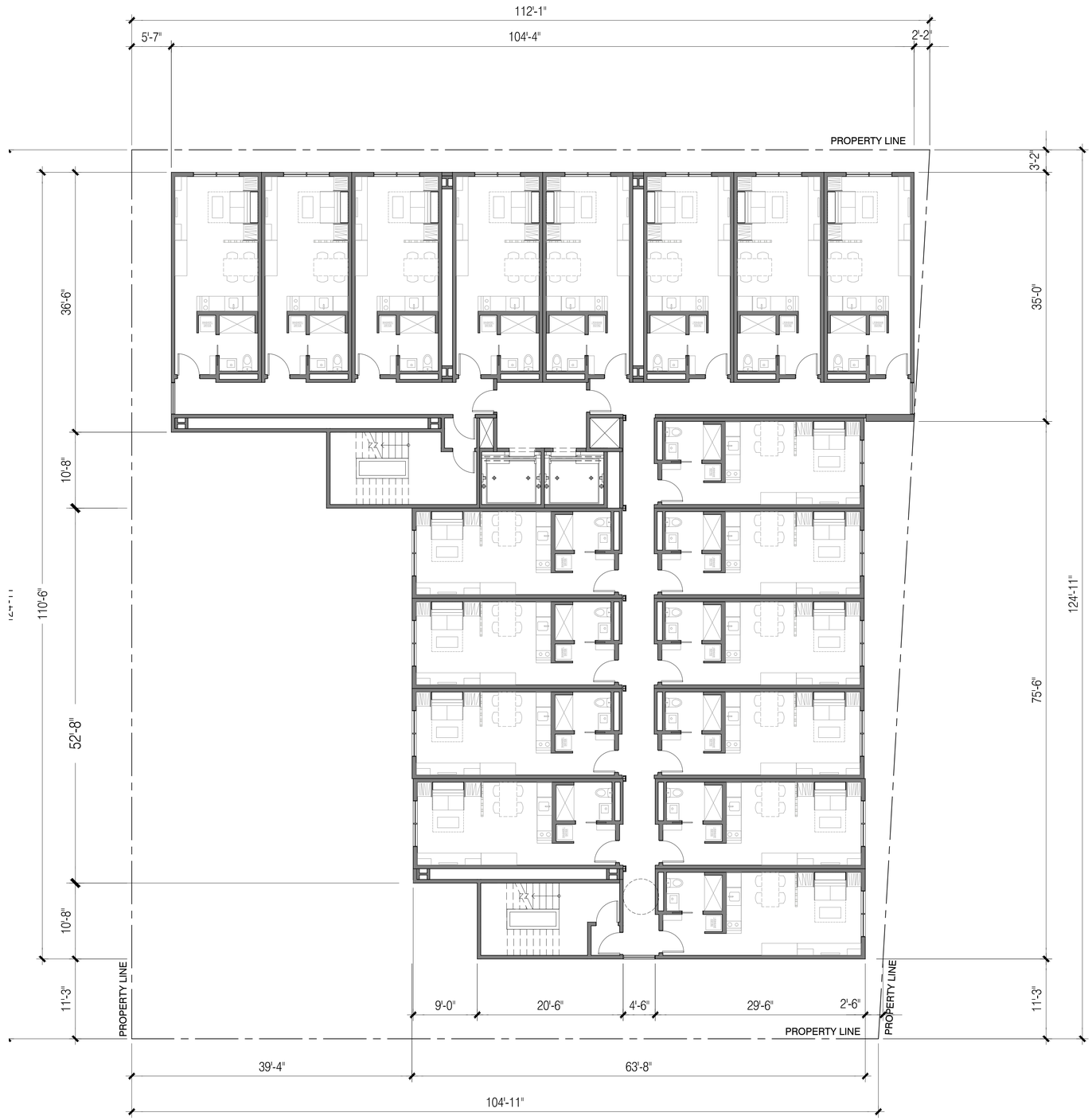
SHEET:

PLAN AT GROUND LEVEL

A2.1



1 - PLAN AT LEVEL 2

1/8" = 1'-0" @ 24X36 1/16" = 1'-0" @ 11X17

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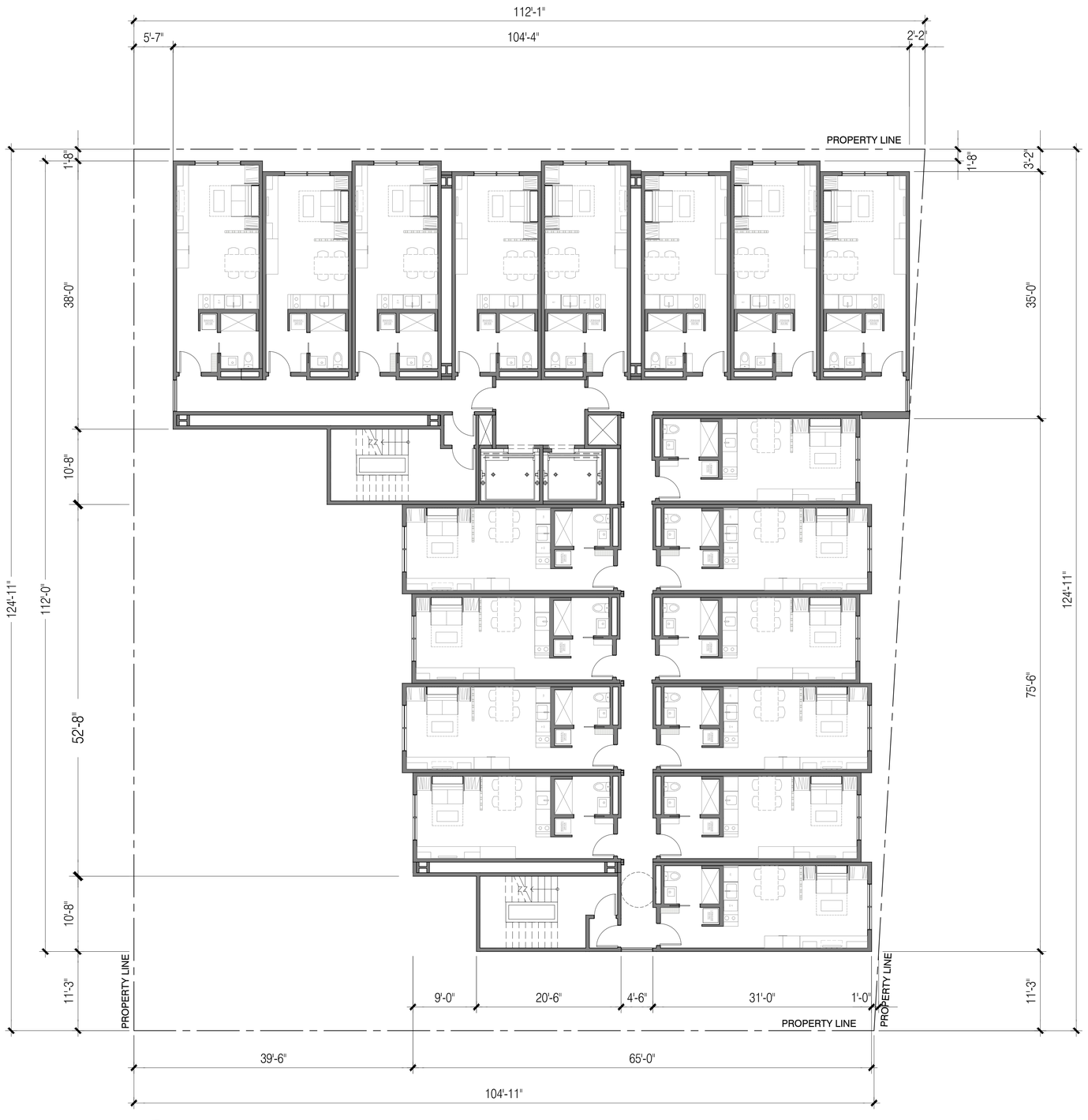
SHEET:

PLAN AT LEVEL 2

A2.2



1
-

FLOORS 3-10 PLANS

1/8" = 1'-0" @ 24X36 1/16" = 1'-0" @ 11X17

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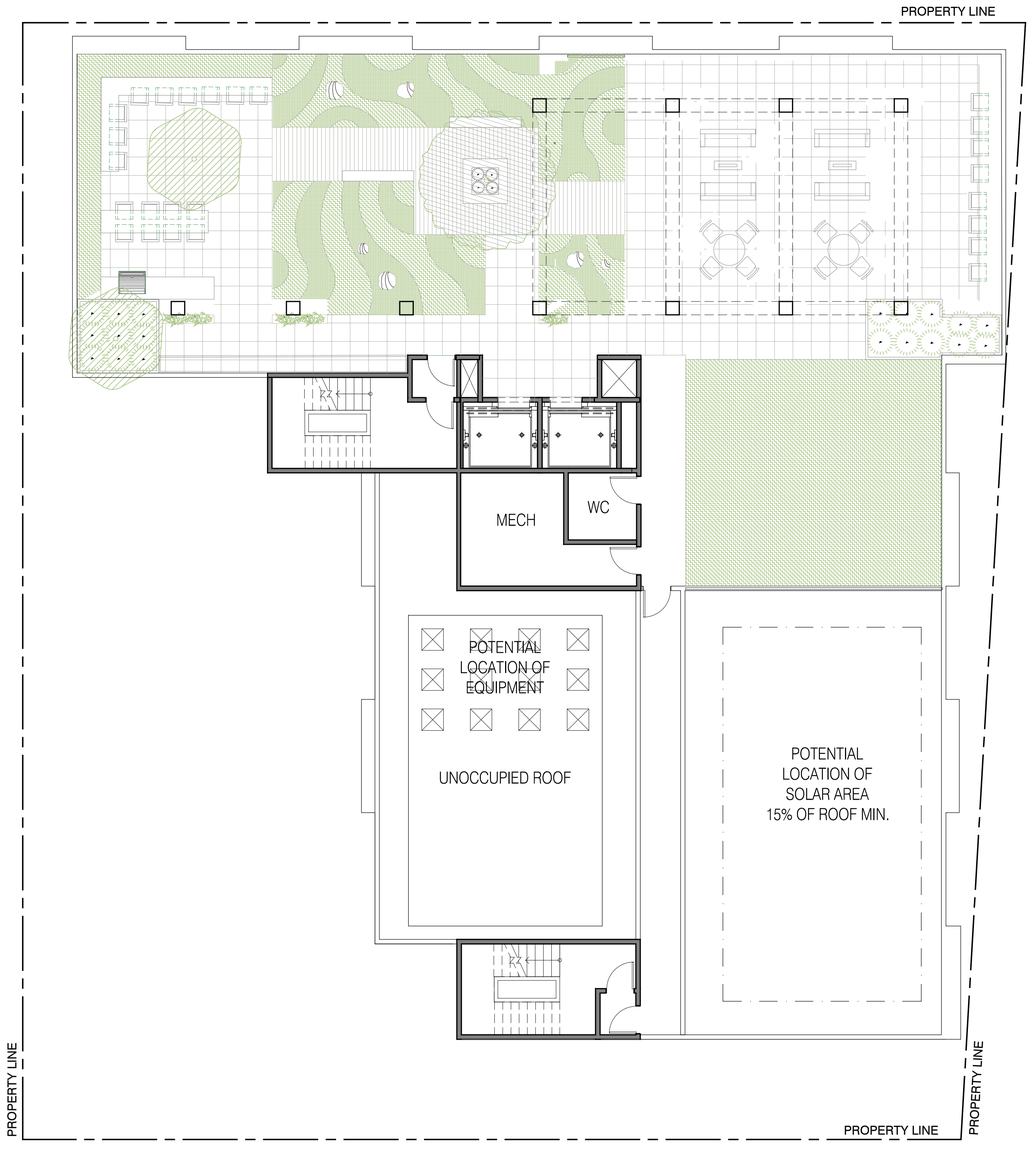
JOB: 2104

SHEET:

PLANS
FLOORS 3-10

A2.3



1
-

PLAN AT ROOF DECK LEVEL

1/8" = 1'-0" @ 24X36 1/16" = 1'-0" @ 11X17

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SHEET:

PLAN AT
ROOF DECK LEVEL

A2.4

1 - EAST ELEVATION

1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36

0 4 8 16

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SHEET:

BUILDING ELEVATIONS

A3.1

1 - NORTH ELEVATION

1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36

0 4 8 16

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JOB: 2104

SHEET:

BUILDING ELEVATIONS

A3.2

1 - WEST ELEVATION
1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36
0 4 8 16

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JOB: 2104

SHEET:

BUILDING ELEVATIONS

A3.3

1 - SOUTH ELEVATION

1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36

0 4 8 16

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JOB: 2104

SHEET:

BUILDING ELEVATIONS

A3.4

2
-
STREET STRIP ELEVATION @ ASHBY AVENUE
1/32"=1'-0" @ 11X17 1/16" = 1'-0" @ 24X36
0 4 8 16 32

1
-
STREET STRIP ELEVATION @ SHATTUCK AVENUE
1/32"=1'-0" @ 11X17 1/16" = 1'-0" @ 24X36
0 4 8 16 32

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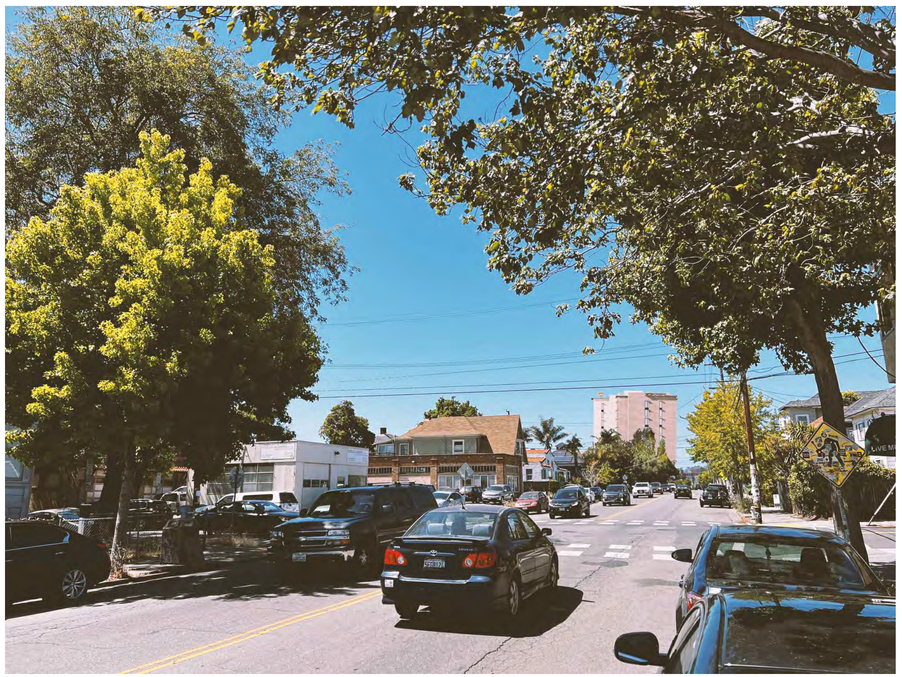
SHEET:

STREET STRIP ELEVATIONS

A3.5



4 - SHATTUCK LOOKING NORTH - AFTER

2 - SHATTUCK LOOKING SOUTH - AFTER

3 - SHATTUCK LOOKING NORTH - BEFORE

1 - SHATTUCK LOOKING SOUTH - BEFORE

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SHEET:

PHOTO CONTEXT VIEWS

A3.6

4 - ASHBY LOOKING EAST - AFTER

2 - ASHBY LOOKING WEST - AFTER

3 - ASHBY LOOKING EAST - BEFORE

1 - ASHBY LOOKING WEST - BEFORE

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PHOTO CONTEXT VIEWS

A3.7

1
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VIEW ALONG SHATTUCK LOOKING SOUTH WEST

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PERSPECTIVE VIEWS

A3.8

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1 - VIEW ALONG ASHBY LOOKING SOUTH WEST

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PERSPECTIVE VIEWS

A3.9

1
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VIEW ALONG SHATTUCK LOOKING NORTH WEST

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PERSPECTIVE VIEWS

A3.10

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PERSPECTIVE VIEWS

A3.11

1 - DETAIL AT SIDEWALK LEVEL

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PERSPECTIVE VIEWS

A3.12

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1 - RETAIL ENTRY CLOSE-UP VIEW

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PERSPECTIVE VIEWS

A3.13

1 - DETAIL AT SIDEWALK LOOKING EAST

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PERSPECTIVE VIEWS

A3.14

1
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DETAIL AT SIDEWALK LOOKING NORTHWEST

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PERSPECTIVE VIEWS

A3.15

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LOBBY ENTRY CLOSE-UP VIEW

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PERSPECTIVE VIEWS

A3.16

1 - NORTH ELEVATION

3/32"=1'-0" @ 11X17 3/16" = 1'-0" @ 24X36

0 4 8 16

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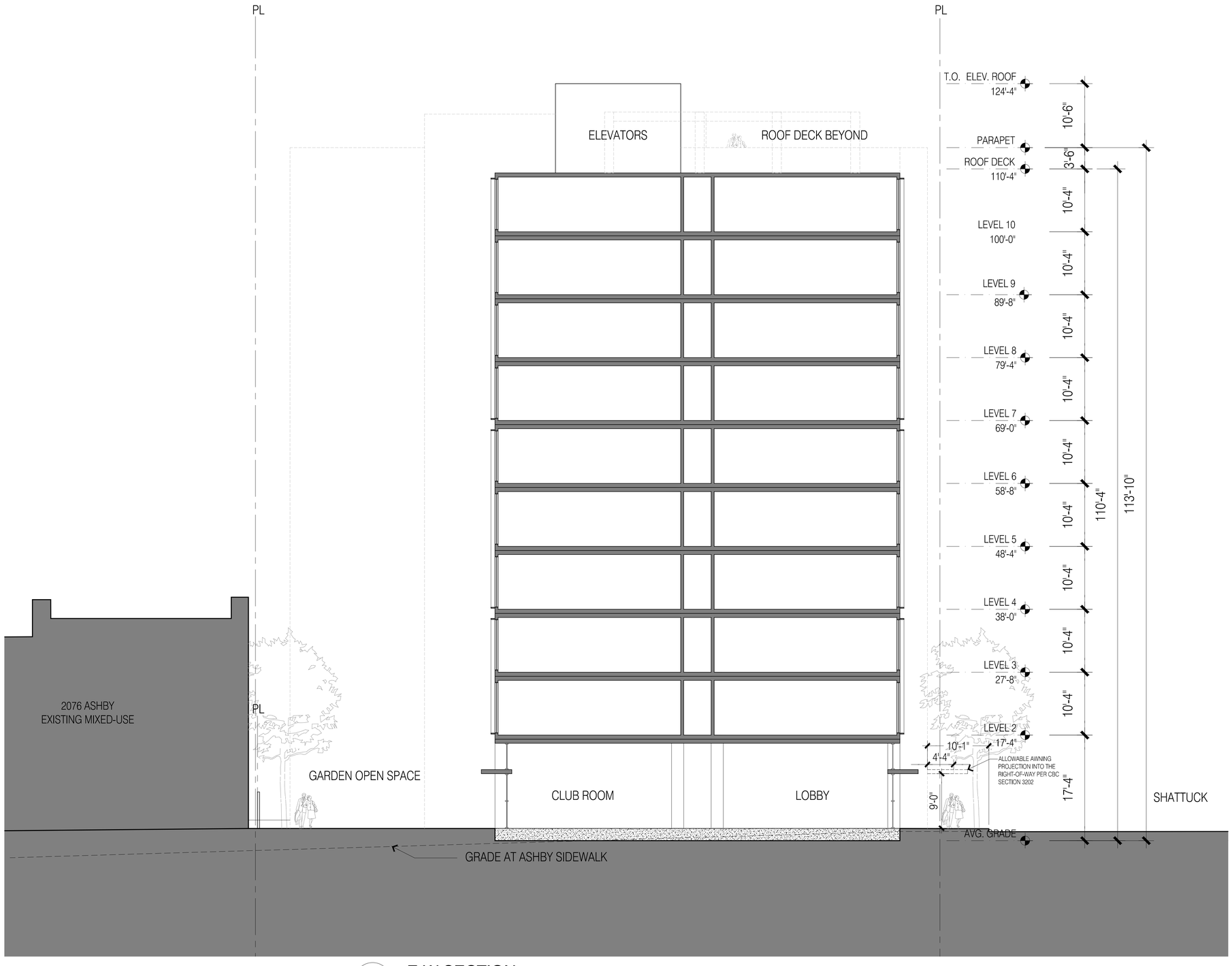
SHEET:

BUILDING MAT

MAT



1 / - E-W SECTION

1/8" = 1'-0" @ 24X36 1/16" = 1'-0" @ 11X17

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BUILDING SECTION

A4.1

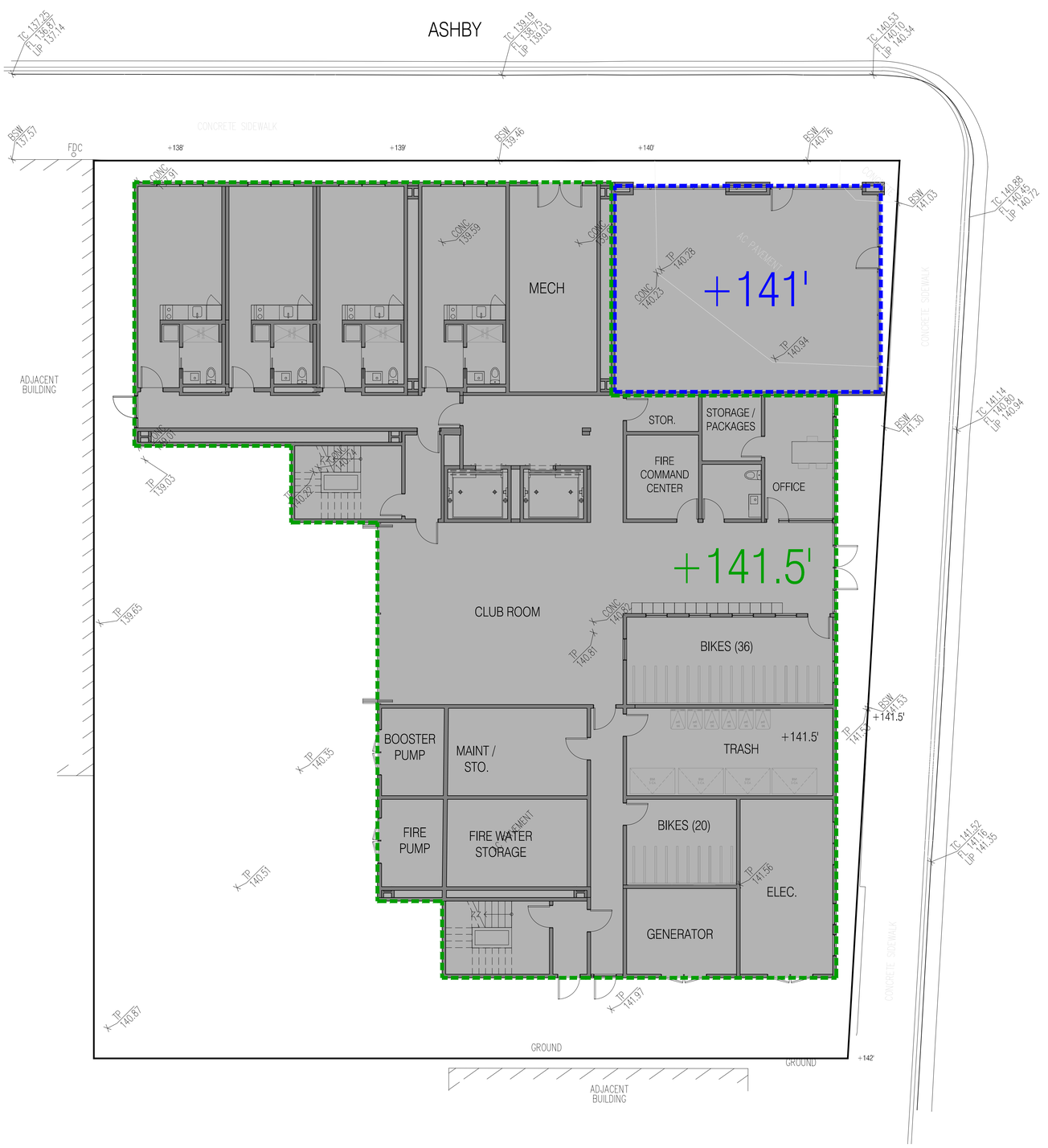
CUT AND FILL CALCULATIONS

	CUT/FILL AREA	AVERAGE CUT/FILL DEPTH (FT)	TOTAL VOLUME (CY)
PROPOSED BUILDING	8,502	2	630

EARTHWORK NOTES:

1. EARTHWORK QUATNITY IS A ROUGH ESTIMATE BASED ON A BUILDING PAD ELEVATION 12" BELOW FF OF GROUND FLOOR LEVEL. QUANTITIES MAY VARY DUE TO FINAL STRUCTURAL FOUNDATIONS AND PAVEMENT THICKNESS.

2. EARTHWORK QUANTITIES DO NOT TAKE INTO ACCOUNT SOIL SHRINKAGE, SOIL SWELLING, TRENCH SPOILS, SITE OVER-EXCAVATION REQUIREMENTS.



1
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GROUND LEVEL PLAN

1/8" = 1'-0" @ 24X36 1/16' = 1'-0" @ 11X17

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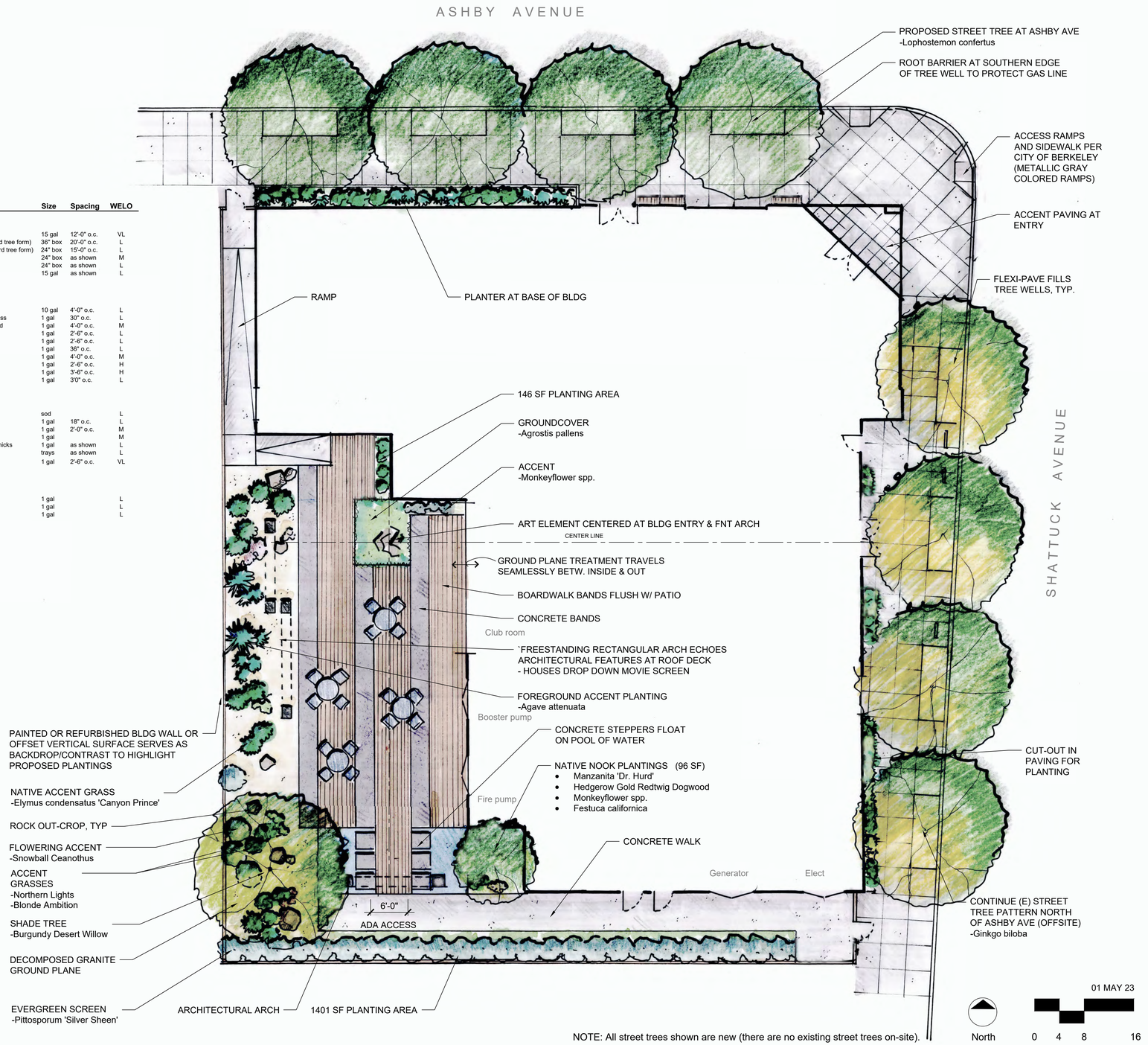
CONCEPTUAL GRADING PLAN

A5.1

Plant List

Index	Latin Name	Common Name	Size	Spacing	WELO
Trees					
AM	Arctostaphylos manzanita 'Dr. Hurd'	Manzanita	15 gal	12'-0" o.c.	VL
CL	Chilopsis linearis 'Burgundy'	Burgundy Desert Willow (standard tree form)	36" box	20'-0" o.c.	L
CR	Ceanothus 'Ray Hartman'	Ray Hartman Ceanothus (standard tree form)	24" box	15'-0" o.c.	L
GB	Ginkgo biloba	Ginkgo	24" box	as shown	M
LC	Lophstemon confertus	Brisbane Box	24" box	as shown	L
MC	Myrica californica	Pacific Wax Myrtle	15 gal	as shown	L
Shrubs					
AA	Agave attenuata 'Ray of Light'	Ray of Light Foxtail Agave	10 gal	4'-0" o.c.	L
BG	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Blue Grama Grass	1 gal	30" o.c.	L
CS	Cornus sericea, C. Stolonifera 'Hedgerow Gol	Hedgerow Gold Redtwig Dogwood	1 gal	4'-0" o.c.	M
DA	Diplacus aurantiacus	Orange Bush Monkeyflower	1 gal	2'-6" o.c.	L
DP	Diplacus puniceus, Mimulus puniceus	Red Bush Monkeyflower	1 gal	2'-6" o.c.	L
EC	Elymus condensatus 'Canyon Prince'	Canyon Prince' Blue Rye Grass	1 gal	36" o.c.	L
FC	Festuca californica	California Fescue	1 gal	4'-0" o.c.	M
JE	Juncus effusus	Soft Rush	1 gal	2'-6" o.c.	H
JP	Juncus patens	Common Rush	1 gal	3'-6" o.c.	H
MR	Muhlenbergia rigens	Deer Grass	1 gal	3'0" o.c.	L
Groundcovers					
AP	Agrostis pallens	West Coast Native Bunchgrass	sod		L
CF	Calamagrostis foliosa	Mendocino Reed Grass	1 gal	18" o.c.	L
DC	Deschampsia cespitosa 'Northern Lights'	Northern Lights Tufted Hairgrass	1 gal	2'-0" o.c.	M
HA	Heuchera americana 'Green Spice'	Green Spice Coral Bells	1 gal		M
SK	Sempervivum 'Krebs 2'	Krebs Desert Bloom Hens and Chicks	1 gal	as shown	L
SR	Sedum rupestre 'Angelina'	Angelina Stonecrop	trays	as shown	L
ZC	Epilobium canum (Zauschneria californica)	California Fuschia	1 gal	2'-6" o.c.	VL
Rooftop Sedums					
SC1	Sedum spathulifolium 'Purpureum'	Red Pacific Stonecrop	1 gal		L
SC2	Sedum spathulifolium 'Cape Blanco'	Cape Blanco Pacific Stonecrop	1 gal		L
SC3	Sedum divergens	Pacific Stonecrop	1 gal		L

Note: *At least 80% of all plantings will be California natives.*



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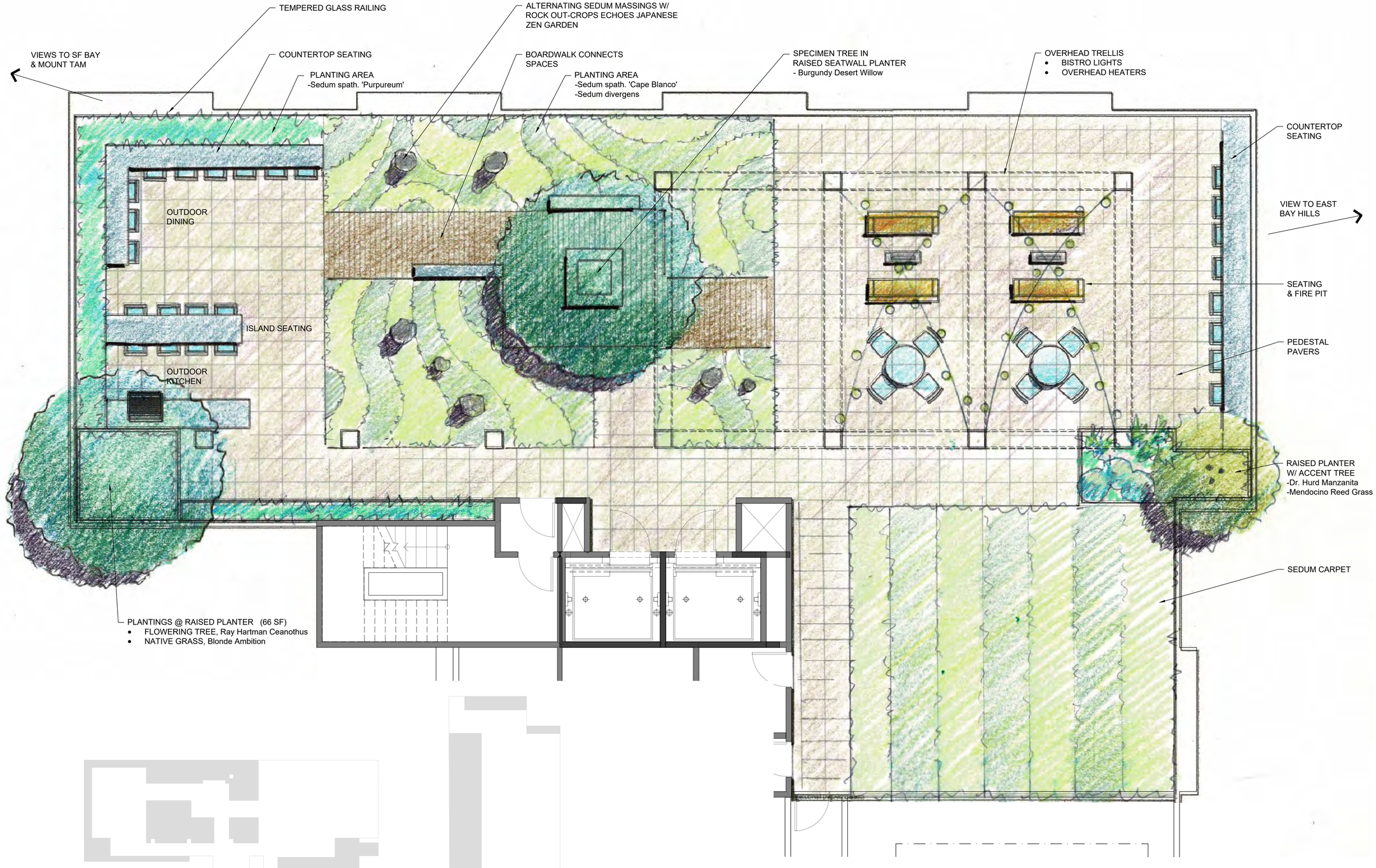
GROUND LEVEL
LANDSCAPE PLAN

L1.0



ROOF DECK TOTAL AREA = 4,488 SF

ROOF DECK PLANTING AREA = 1,830 SF

ROOF DECK LANDSCAPE % = 40%

GROUND LEVEL TOTAL AREA = 3,391 SF

GROUND LEVEL PLANTING AREA = 1,356 SF

GROUND LEVEL LANDSCAPE % = 40%

North 0 2 4 8

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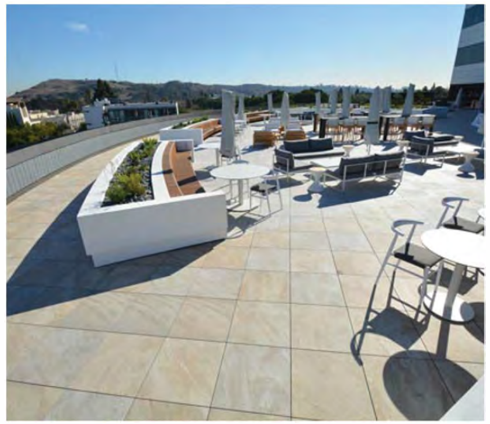
ROOF DECK
GROUND LEVEL

L1.1



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SHEET:

LANDSCAPE IMAGERY

L2.0

PLAN NOTES LEGEND

1. 1" WATER METER FOR IRRIGATION TO BE PROVIDED BY UTILITY EBMUD. MAXIMUM IRRIGATION DEMAND: ( )GPM AT ( )PSI STATIC PRESSURE AT WATER METER LOCATION.
2. INSTALL A 1" IRRIGATION BACKFLOW PREVENTER AT THIS APPROXIMATE LOCATION.
3. APPROXIMATE LOCATION OF BOOSTER PUMP BY OTHERS. PRESSURE ON DISCHARGE SIDE OF BOOSTER PUMP SHALL BE 95 PSI.
4. IRRIGATION CONTROLLER "C". MOUNT ON INTERIOR WALL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ARCHITECT. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE INSTALLED AT THIS LOCATION UNDER ELECTRICAL CONTRACT. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.
5. IRRIGATION MASTER VALVE AND FLOW SENSOR.
6. INSTALL A 1" PRESSURE REDUCING VALVE FOR MAIN SERVICING SITE LEVEL. SET PRESSURE TO BE 50 PSI.
7. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE SITE LEVEL PLANTERS TO BE PROVIDED AND INSTALLED IN-STRUCTURE UNDER PLUMBING CONTRACT. COORDINATE INSTALLATION OF PIPE WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION.
8. 1.25" ELECTRICAL CONDUIT AND SPLICE BOX FOR 2-WIRE CABLE TO BE PROVIDED AND INSTALLED FROM IRRIGATION CONTROLLER "C" TO THIS LOCATION UNDER ELECTRICAL CONTRACT WORK BY A LICENSED ELECTRICAL CONTRACTOR. COORDINATE INSTALLATION OF CONDUIT WITH GENERAL/ELECTRICAL CONTRACTOR(S) PRIOR TO CONSTRUCTION.
9. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE ROOF LEVEL PLANTERS TO BE PROVIDED AND INSTALLED IN-STRUCTURE UNDER PLUMBING CONTRACT. COORDINATE INSTALLATION OF PIPE WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION.
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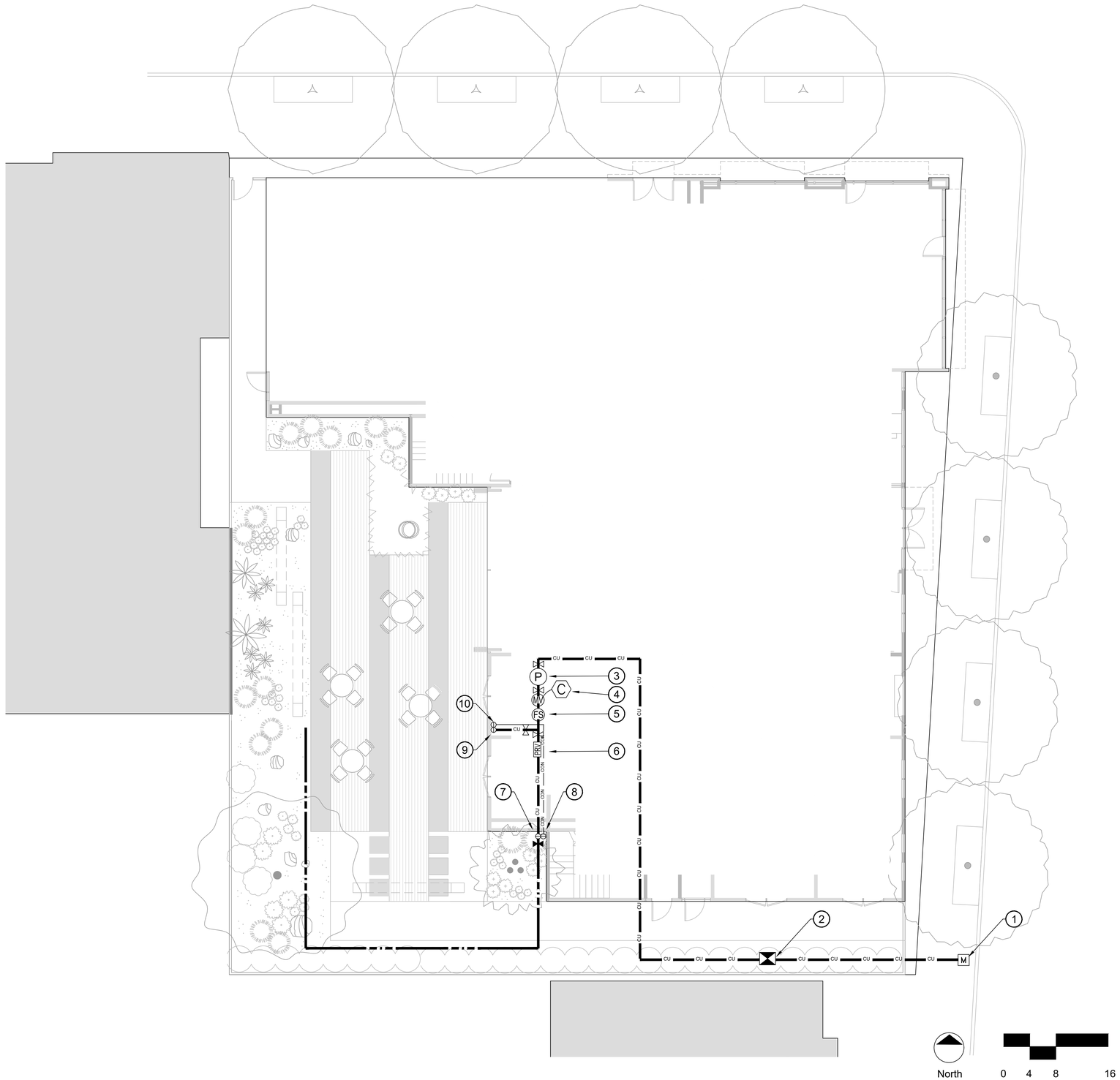
NOTES:

1. ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
2. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
3. UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
4. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

   0.75" 0-6 GPM
   1" 7-12 GPM

5. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

   0.75 0-500 FT
   1" 501-1100 FT



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GROUND LEVEL
IRRIGATION PLAN

I1.0

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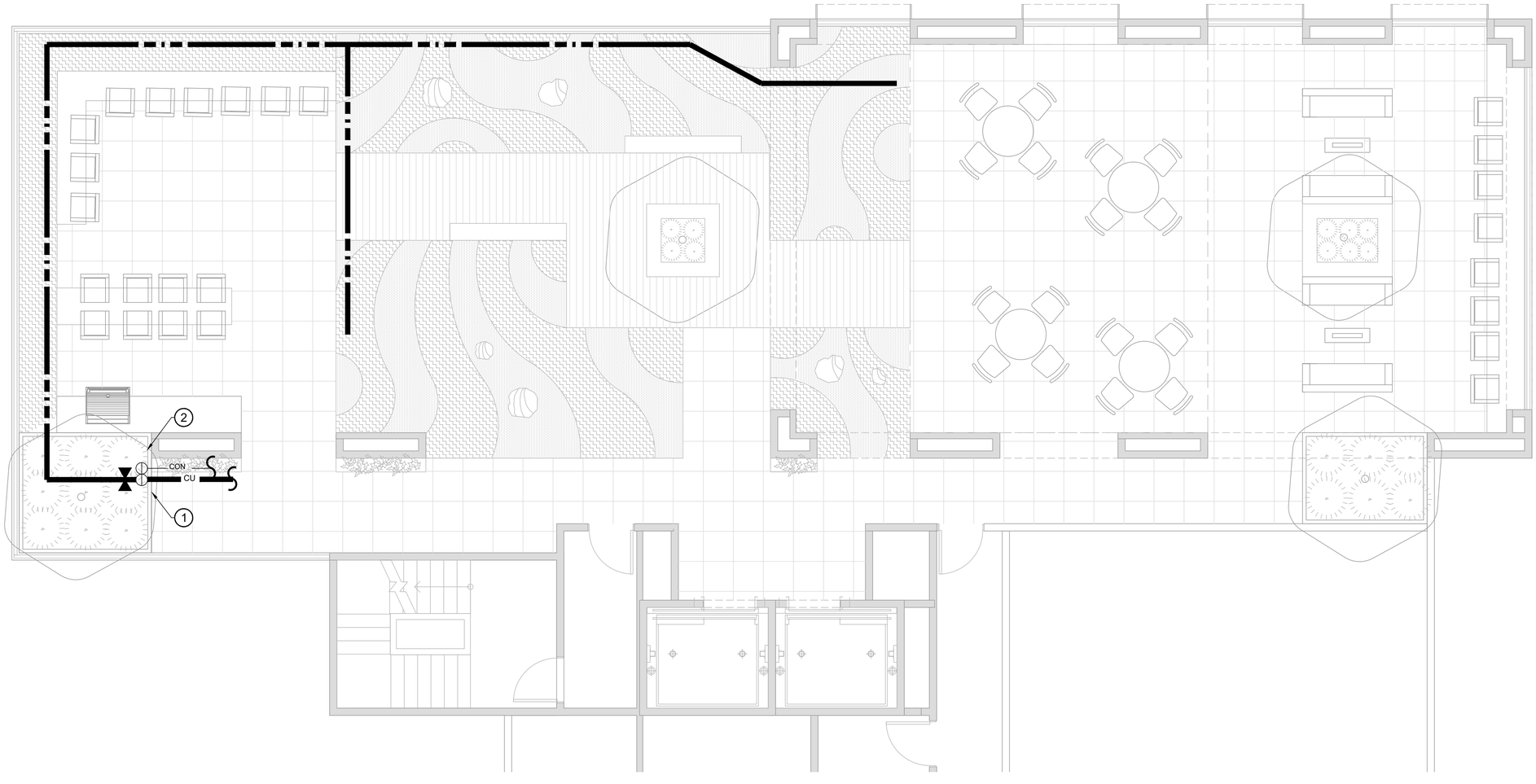
   0.75 0-500 FT
   1" 501-1100 FT



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JOB: 2104

SHEET:

ROOF DECK
IRRIGATION PLAN

I1.1

IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.

2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.

3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.

4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.

5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.

6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.

7. INSTALL NEW BATTERIES IN THE IRRIGATION CONTROLLER(S) TO RETAIN PROGRAM IN MEMORY DURING TEMPORARY POWER FAILURES. USE QUANTITY, TYPE AND SIZE REQUIRED AS PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.

8. SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.

9. INSTALL 2-WIRE CABLE ALONG THE MAIN LINE. CONTACT CONTROLLER REPRESENTATIVE FOR A PRE-CONSTRUCTION MEETING.

10. INSTALL 2-WIRE CABLE WITHIN 1.25" CONDUIT WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.

11. INSTALL A 14"X19" GREY ELECTRICAL PULL BOX EVERY 200' AND AT EVERY CHANGE IN DIRECTION. ONLY SPLICE TWO WIRE CABLE AT THREE WAY WIRE CONNECTIONS.

12. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS THE PAIGE IRRIGATION WIRE, SPEC P7072D. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KIT.

13. DECODER GROUNDING SHALL BE PROVIDED EVERY 600 FEET, AT THE CONTROLLER AND AT THE LAST DECODER OR AT THE END OF THE 2 WIRE PATH. GROUND WITH A 5/8" X 8' COPPER CLAD GROUNDING ROD. #6 COPPER WIRE TO SURGE DEVICE/DECODER. INCLUDE A SURGE ARRESTOR AT EACH GROUNDING LOCATION. A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A DBR/Y-6 WATERPROOF CONNECTOR.

14. SPLICING OF JACKETED 2-WIRE IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 24" LONG COIL OF WIRE AT EACH SPLICE AND A 24" LONG EXPANSION LOOP IN ALL PULL BOXES.

15. INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.

16. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.

17. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS.

18. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.

19. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.

20. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.

21. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.

22. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.

23. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.

24. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.

25. IRRIGATION DEMAND: REFER TO PLANS.

26. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.

27. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.

28. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.

29. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.

30. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.

31. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.

IRRIGATION COORDINATION NOTES

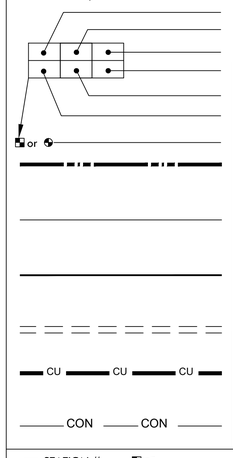
1. COPPER PIPING WITHIN STRUCTURE SHALL BE PROVIDED, ROUTED, AND INSTALLED BY PLUMBING CONTRACTOR. EXIT OF PIPE TO PLANTER SHALL BE A MINIMUM OF 6" BELOW FINISH GRADE.

2. IRRIGATION SLEEVING AND/OR CONDUIT IN STRUCTURE TO BE PROVIDED AND INSTALLED UNDER STRUCTURAL WORK.

3. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, PULL BOXES AND WIRE IN STRUCTURE. THE DRAWINGS INDICATE REQUIRED WIRE QUANTITIES FROM A GIVEN PLANTER LOCATION, THROUGH STRUCTURE, TO THE CONTROLLER LOCATION. 14 GAUGE WIRE SHALL BE USED FOR CONTROL WIRING AND 12 GAUGE FOR COMMON GROUND. FINAL CONNECTION OR WIRING TO REMOTE CONTROL VALVES AND CONTROLLER SHALL BE COMPLETED BY IRRIGATION CONTRACTOR.

IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
	PCB-25	HUNTER BUBBLER (SHRUB)	0.25	30	TRICKLE
■	PCB-25	HUNTER BUBBLER (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
	WLT-0500-T	NDS SCH 40 BALL VALVE OR APPROVED EQUAL			
	ECO-ID	HUNTER ECO-INDICATOR			
	ICV-101/AS-40	HUNTER REMOTE CONTROL VALVE WITH 40 PSI PRESSURE REGULATOR			
	ICZ-101-40	HUNTER REMOTE CONTROL VALVE WITH A 40 PSI PRESSURE REGULATOR AND A 1" FILTER.			
	44-LRC	RAIN BIRD 1" TWO-PIECE QUICK COUPLING VALVE (YELLOW LOCKING RUBBER COVER)			
	QB44RCAR10	BUCKNER 1" TWO-PIECE QUICK COUPLING VALVE (ANTI-ROTATION)			
	T-FP600A-LF-1"	NIBCO 1" BRASS BALL VALVE			
PRV	500XLHLR	WILKINS PRESSURE REDUCING VALVE			
MV	WT-MV-100G-SNO	WeatherTRAK 1" BRASS MASTER VALVE (NORMALLY OPEN)			
FS	WTFLOW-HD-P-100	WeatherTRAK 1" FLOW SENSOR			
	975XL2SEU-1"	WILKINS REDUCED PRESSURE BACKFLOW ASSEMBL.			
C	WTPRO3-C-H2048-SWM	WeatherTRAK ET PRO3 2-WIRE 48 STATION CONTROLLER IN A STAINLESS STEEL WALL MOUNTED ENCLOSURE.			
—	WT2W-H2O-1VD	WEATHERTRAK DECODER (1 PER VALVE)			
—	WT2W-H2O-2VD	WEATHERTRAK DECODER - TWO STATION			
—	WT2W-H2O-MV	WEATHERTRAK MASTER VALVE DECODER			
—	WT2W-H2O-FS	WEATHERTRAK FLOW SENSOR DECODER			
—	WT2W-H2O-PS	WEATHERTRAK PUMP START DECODER			
—	WT2W-H20-SA	WEATHERTRAK SURGE ARRESTOR (1 EVERY 500 FEET ALONG MAIN) REFER TO DETAILS FOR INSTALLATION INSTRUCTIONS.			
—	CIMXL-5YA	5 YEAR EXTENSION OF WeatherTRAK Central.			
	NOT SHOWN ON PLANS	ROUTE TWO WIRE CABLE TO ALL REMOTE CONTROL VALVES. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS PAIGE ELECTRIC WIRE P7072D. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KITS OR APPROVED EQUAL. INSTALL 2 WIRE CABLE WITHIN 1.25" SCH 40 ELECTRICAL CONDUIT. PULL BOXES SHALL BE LOCATED EVERY 200' NO SPLICES ARE ALLOWED BETWEEN VALVES. REFER TO DETAIL FOR INSTALLATION INSTRUCTIONS.			
R	WT-WRS	WIRELESS RAIN SENSOR SYSTEM. AUTOMATICALLY SHUTS THE SYSTEM OFF AS SOON AS IT STARTS RAINING.			



CONTROLLER AND STATION NUMBER
REMOTE CONTROL VALVE SIZE (IN INCHES)
FLOW (GPM)
WATER USE CLASSIFICATION OF ZONE
APPLICATION RATE (IN/HR) or DRIPLINE SPACING
AREA (SQ. FT.)
ASSOCIATED REMOTE CONTROL VALVE

MAIN LINE: 1.25" THROUGHOUT: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 18" COVER.

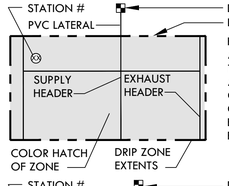
LATERAL LINE: 3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.

DRIPLINE LATERAL LINE: 3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.

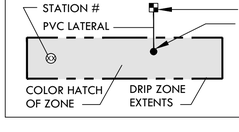
SLEEVING: SCHEDULE 40 PVC PLASTIC PIPE. COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.

MAIN LINE: 1.25" THROUGHOUT: TYPE 'K' COPPER PIPE WITH WROUGHT FITTINGS. SHOWN FOR REFERENCE ONLY, SEE PLUMBING PLANS FOR ROUTING THROUGH STRUCTURE.

ELECTRICAL CONDUIT: SHOWN FOR REFERENCE ONLY, SEE ELECTRICAL PLANS FOR ROUTING THROUGH STRUCTURE.



DRIPLINE REMOTE CONTROL VALVE
DRIP ZONE:
HUNTER HDL SERIES DRIPLINE WITH BUILT IN PRESSURE COMPENSATION AND CHECK VALVE, PART #HDL-06-12-250-CV. USE PLD FITTINGS. TUBING TO BE INSTALLED 4" BELOW GRADE IN A 12" O.C. GRID ACCORDING TO DETAILS. SIZE EXHAUST HEADERS AS FOLLOWS: 1": 0-10 GPM, 1.25": 11-20 GPM. ALL EXHAUST HEADERS SHALL BE 1" SCH 40 PVC OR 1" SCH 40 FLEXIBLE PVC. USE SCH. 40 PVC SOLVENT WELD FITTINGS. EXTEND PVC HEADERS TO THE ENDS OF ALL DRIP ZONES TO BALANCE FLOW IF REQUIRED. SEE DETAILS FOR FURTHER INFORMATION.



DRIPLINE REMOTE CONTROL VALVE
APPROXIMATE CONNECTION POINT BETWEEN DRIPLINE TUBING AND PVC SUPPLY WHEN DRIP ZONE IS LESS THAN 3 GPM AND NO PVC SUPPLY/EXHUST HEADERS ARE NEEDED. REFER TO DRIPLINE TUBING CONNECTION DETAIL FOR MORE INFORMATION.

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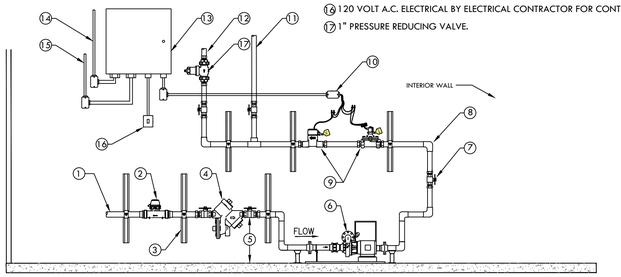
JOB: 2104

SHEET:

IRRIGATION NOTES AND LEGEND

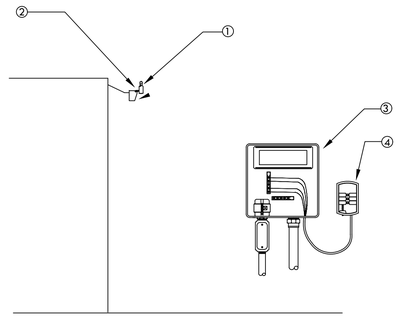
I1.2

① 1.25" COPPER MAIN LINE TO FOR IRRIGATION FROM DOMESTIC LINE WITHIN EQUIPMENT ROOM. SHOWN ON MEP PLANS.
② SUB-METER FOR IRRIGATION.
③ UNI-STRUT SUPPORT BRACKET, THREADED EXTENSIONS AND CLAMPS, LENGTH AS REQUIRED. PROVIDE A MINIMUM OF 6" SEPARATION FOR THE VALVES AND PIPE FROM THE WALL.
④ 1" WILKENS REDUCED PRESSURE BACKFLOW ASSEMBLY.
⑤ MIN. 18" ± FROM FINISH FLOOR.
⑥ WATER BOOSTER PUMP FOR IRRIGATION BY OTHERS.
⑦ 1.25" BRASS BALL VALVE.
⑧ ALL FITTINGS AND PIPING FOR WATER LINES WITHIN EQUIPMENT ROOM SHALL BE COPPER WITH WROT FITTINGS OR BRASS NIPPLES.
⑨ MASTER VALVE AND FLOW SENSOR. PROVIDE A MINIMUM LENGTH OF 10" UPSTREAM OF FLOW SENSOR AND 5" DOWNSTREAM OF ANY FITTING.
⑩ 1" ELECTRICAL CONDUIT WITH JUNCTION BOXES FOR CONTROL WIRES FOR FLOW SENSOR & MASTER VALVE.
⑪ 1.25" COPPER MAIN LINE ROUTED THROUGH STRUCTURE TO STUB-OUT LOCATION(S) AT ROOF LEVEL. INSTALLED BY PLUMBING CONTRACTOR. (REFER TO MEP PLAN FOR EXACT ROUTING THRU BUILDING)
⑫ 1.25" COPPER MAIN LINE ROUTED THROUGH STRUCTURE TO STUB-OUT LOCATION(S) AT SITE LEVEL. INSTALLED BY PLUMBING CONTRACTOR. (REFER TO MEP PLAN FOR EXACT ROUTING THRU BUILDING)
⑬ IRRIGATION CONTROLLER BY IRRIGATION CONTRACTOR. MINIMUM 42" ABOVE FINISHED FLOOR.
⑭ 1.25" ELECTRICAL CONDUIT WITH REQUIRED JUNCTION BOXES ROUTED THROUGH STRUCTURE FROM CONTROLLER LOCATION TO STUB-OUT LOCATION(S) AT ROOF LEVEL. INSTALLED BY ELECTRICAL CONTRACTOR.
⑮ 1.25" ELECTRICAL CONDUIT WITH REQUIRED JUNCTION BOXES ROUTED THROUGH STRUCTURE FROM CONTROLLER LOCATION TO STUB-OUT LOCATION(S) AT ROOF LEVEL. INSTALLED BY ELECTRICAL CONTRACTOR.
⑯ 120 VOLT A.C. ELECTRICAL BY ELECTRICAL CONTRACTOR FOR CONTROLLER.
⑰ 1" PRESSURE REDUCING VALVE.



NOTES:
1. THIS LAYOUT IS TO PROVIDE INFORMATION ON EQUIPMENT AND TYPICAL DISTANCES REQUIRED BETWEEN THE EQUIPMENT. IT IS DIAGRAMMATIC AND WILL NEED TO BE ADJUSTED ACCORDING TO AVAILABLE FLOOR SPACE AND OTHER EQUIPMENT INSTALLED WITHIN THE ENCLOSURE. OFFSETS AND FITTINGS WILL BE REQUIRED FOR THESE ADJUSTMENTS.
2. MAINTAIN 6" OF CLEARANCE FROM BUILDING WALLS FOR EASE OF MAINTENANCE FOR ALL COPPER PIPING, VALVES, AND FITTINGS.
3. SEAL ALL PIPE PENETRATIONS THROUGH WALLS/STRUCTURE AS REQUIRED (BY PLUMBING CONTRACTOR). SEE PLUMBING/WATERPROOFING DRAWINGS.
4. ALL FITTINGS AND PIPING FOR WATER LINES WITHIN EQUIPMENT ROOM SHALL BE COPPER WITH WROT FITTINGS OR BRASS NIPPLES.

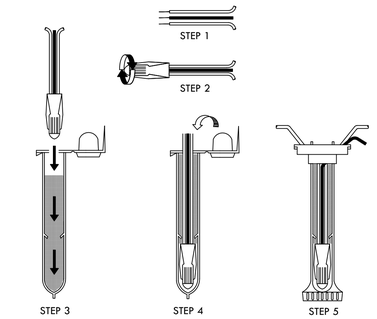
1 IRRIGATION EQUIPMENT LAYOUT DIAGRAM DETAIL
SCALE: NONE



NOTE: MAXIMUM LINE OF SIGHT FROM RAIN SENSOR TO RECEIVER IS 300 FT. DISTANCE IS LESS IF OBSTRUCTIONS EXIST. SENSOR MUST BE INSTALLED IN "CLEAR SPACE" WHERE IT IS EXPOSED TO UNOBSTRUCTED RAINFALL AND IS CLEAR OF IRRIGATION SPRAY.

① WIRELESS RAIN SENSOR TRANSMITTER (GUTTER MOUNTED)
② MOUNT RAIN SENSOR ON BUILDING WALL. ARCHITECT TO APPROVE LOCATION
③ CONTROLLER
④ RAIN SENSOR RECEIVER

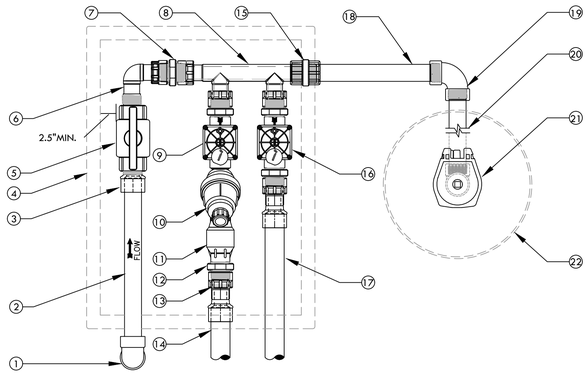
2 WIRELESS RAIN SENSOR-GUTTER MOUNT
SCALE: NONE



NOTE:
MAXIMUM # OF WIRES PER CONNECTOR:
- 3-#14 GAUGE
- 2-#12 GAUGE

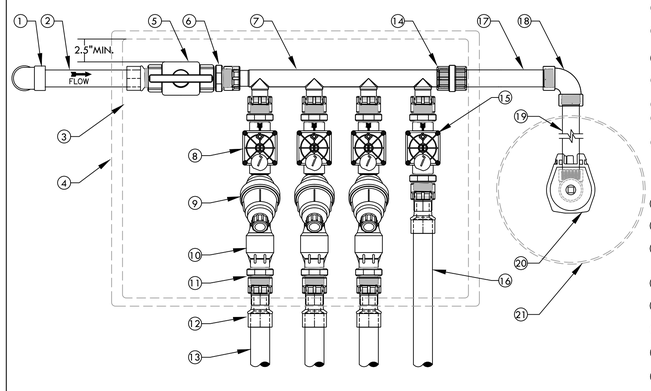
INSTRUCTIONS:
1. STRIP WIRES APPROXIMATELY 1/2" FROM ENDS TO EXPOSE WIRE.
2. TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN.
3. INSERT WIRE ASSEMBLY TO BOTTOM OF GEL-FILLED TUBE. CHECK TO MAKE SURE CONNECTOR HAS BEEN PUSHED PAST LOCKING FINGERS AND IS SEATED AT THE BOTTOM OF THE TUBE.
4. PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
5. INSPECT FINAL SPLICE ASSEMBLY THAT IT IS SECURED.

3 WEATHERPROOF WIRE SPLICE ASSEMBLY
SCALE: NONE



① SCH 40 PVC 90° ELBOW (SxS) FROM PVC MAIN LINE BELOW.
② SCH 40 PVC PIPE. LENGTH AS REQUIRED.
③ SCH 80 PVC MALE ADAPTER.
④ CARSON 1220 RECTANGULAR PLASTIC VALVE BOX WITH LID. INSTALL PER REMOTE CONTROL VALVE DETAIL.
⑤ NDS 1"LO-TORQ BALL VALVE THREADED (PART #LT-1000-T)
⑥ DURA 1" MIPT x 1" SWIVEL 90° (PART #306-009)
⑦ DURA 1"x1" THREADED ADAPTER (PART #08303) 4 TOTAL.
⑧ DURA 1" MULTI-PORT MANIFOLD (PART #301-010-2)
⑨ DRIP REMOTE CONTROL VALVE. REFER TO LEGEND FOR MODEL.
⑩ FILTER. REFER TO LEGEND FOR MODEL.
⑪ 40 PSI REGULATOR. REFER TO LEGEND FOR MODEL.
⑫ DURA 1" x 3/4" MALE ADAPTER (PART #08303-131). ONLY REQUIRED WITH 3/4" OUTLET REGULATORS. USE 1"x1" DURA THREAD ADAPTER ON 1" REGULATORS
⑬ DURA 1" SLIP X 1" SWIVEL (PART #329-011) 2 TOTAL.
⑭ SCHEDULE 40 PVC LATERAL TO DRIP IRRIGATION
⑮ SCHEDULE 80 PVC THREADED FEMALE COUPLING TO SERVICE QCV. IF NO QCV INSTALL A DURA 1" CAP (PART #348-010)
⑯ BUBBLER OR SPRINKLER REMOTE CONTROL VALVE. REFER TO LEGEND FOR MODEL.
⑰ SCHEDULE 40 PVC LATERAL TO BUBBLER OR SPRAY IRRIGATION.
⑱ SCHEDULE 80 PVC NIPPLE (LENGTH AS REQUIRED).
⑲ SCHEDULE 80 PVC 90° ELBOW (TxT).
⑳ SCHEDULE 80 PVC NIPPLE (LENGTH AS REQUIRED).
㉑ QUICK COUPLING VALVE. INSTALL PER DETAIL.
㉒ 10" ROUND BOX. INSTALL PER DETAIL.

4 TWO REMOTE VALVE MANIFOLD DETAIL WITH QUICK COUPLING VALVE (1" VALVES ONLY)
SCALE: NONE



① SCH 40 PVC 90° ELBOW (SxS) FROM PVC MAIN LINE BELOW.
② SCH 40 PVC PIPE. LENGTH AS REQUIRED.
③ SCH 80 PVC MALE ADAPTER.
④ CARSON 1220 RECTANGULAR PLASTIC VALVE BOX WITH LID. INSTALL PER REMOTE CONTROL VALVE DETAIL.
⑤ NDS 1"LO-TORQ BALL VALVE THREADED (PART #LT-1000-T)
⑥ DURA 1"x1" THREADED ADAPTER (PART #08303) 6 TOTAL.
⑦ DURA 1" MULTI-PORT MANIFOLD (PART #301-010-4)
⑧ DRIP REMOTE CONTROL VALVE. REFER TO LEGEND FOR MODEL.
⑨ FILTER. REFER TO LEGEND FOR MODEL.
⑩ 40 PSI REGULATOR. REFER TO LEGEND FOR MODEL.
⑪ DURA 1" x 3/4" MALE ADAPTER (PART #08303-131) 3 TOTAL. ONLY REQUIRED WITH 3/4" OUTLET REGULATORS. USE 1"x1" DURA THREAD ADAPTER ON 1" REGULATORS
⑫ DURA 1" SLIP X 1" SWIVEL (PART #329-011) 4 TOTAL.
⑬ SCHEDULE 40 PVC LATERAL TO DRIP IRRIGATION.
⑭ SCHEDULE 80 PVC THREADED FEMALE COUPLING TO SERVICE QCV. IF NO QCV INSTALL A DURA 1" CAP (PART #348-010)
⑮ BUBBLER OR SPRINKLER REMOTE CONTROL VALVE. REFER TO LEGEND FOR MODEL.
⑯ SCHEDULE 40 PVC LATERAL TO BUBBLERS OR SPRAY IRRIGATION.
⑰ SCHEDULE 80 PVC NIPPLE (LENGTH AS REQUIRED).
⑱ SCHEDULE 80 PVC 90° ELBOW (TxT).
⑲ SCHEDULE 80 PVC NIPPLE (LENGTH AS REQUIRED).
⑳ QUICK COUPLING VALVE. INSTALL PER DETAIL.
㉑ 10" ROUND BOX. INSTALL PER DETAIL.

5 FOUR REMOTE VALVE MANIFOLD DETAIL WITH QUICK COUPLING VALVE (1" VALVES ONLY)
SCALE: NONE

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03.09.2021 REVISED BASE PLANS
07.08.2022 ZONING INCOMPLETE RESPONSE
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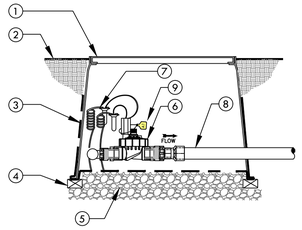
JOB: 2104

SHEET:

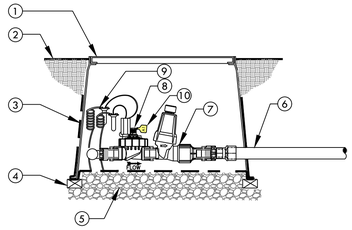
IRRIGATION DETAIL

I1.3



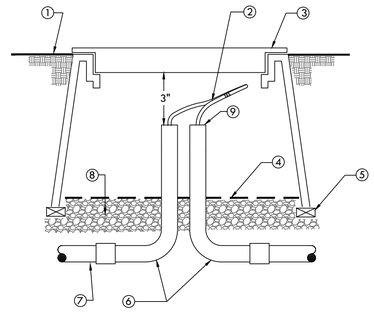
1. CARSON 1220 RECTANGULAR VALVE BOX FOR FOUR VALVES OR CARSON 1419 FOR TWO VALVES
2. FINISH GRADE
3. 19 GAUGE 1/2" SQUARE WIRE MESH. WRAP UP THE SIDES OF THE BOX
4. BRICK-1 EACH CORNER
5. PEA GRAVEL OR 3/4" DRAIN ROCK- 4" DEEP BELOW VALVE (NO SOIL IN VALVE BOX)
6. REMOTE CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED. REFER TO TWO OR FOUR VALVE MANIFOLD DETAIL FOR INSTALLATION INSTRUCTIONS
7. VALVE CONTROL WIRE- PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 24" OF EXCESS UF WIRE IN A 1" DIAMETER COIL
8. SCH 40 PVC LATERAL LINE TO BUBBLERS OR SPRAY
9. VALVE I.D. TAG (WITH CONTROL AND STATION NUMBER).

1 BUBBLER OR SPRAY REMOTE CONTROL VALVE IN TWO OR FOUR VALVE MANIFOLD
SCALE: NONE



1. CARSON 1220 RECTANGULAR VALVE BOX FOR FOUR VALVES OR CARSON 1419 FOR TWO VALVES
2. FINISH GRADE
3. 19 GAUGE 1/2" SQUARE WIRE MESH. WRAP UP THE SIDES OF THE BOX
4. BRICK-1 EACH CORNER
5. PEA GRAVEL OR 3/4" DRAIN ROCK- 4" DEEP BELOW VALVE (NO SOIL IN VALVE BOX)
6. SCH 40 PVC LATERAL LINE TO DRIPLINE OR DRIP.
7. DRIP FILTER AND REGULATOR
8. REMOTE CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED. REFER TO TWO OR FOUR VALVE MANIFOLD DETAIL FOR INSTALLATION INSTRUCTIONS
9. VALVE CONTROL WIRE- PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 24" OF EXCESS UF WIRE IN A 1" DIAMETER COIL
10. VALVE I.D. TAG (WITH CONTROL AND STATION NUMBER).

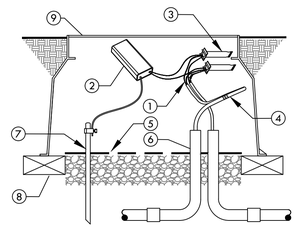
2 DRIP REMOTE CONTROL VALVE IN TWO OR FOUR VALVE MANIFOLD
SCALE: NONE



1. FINISH GRADE
2. 24" LOOP OF TWO WIRE CABLE.
3. GREY RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. HEAT BRAND "PB" INTO LID.
4. 18 GAUGE 1/2" [13mm] SQUARE STAINLESS STEEL WIRE MESH.
5. BRICK-ONE ON EACH CORNER
6. SCHEDULE 40 PVC SWEEP ELLS
7. SCHEDULE 40 U.L. LISTED PVC CONDUIT
8. PEA GRAVEL OR 3/4" [20mm] DRAIN ROCK - 4" [102mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
9. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.

3 IRRIGATION TWO WIRE PULL BOX
SCALE: NONE

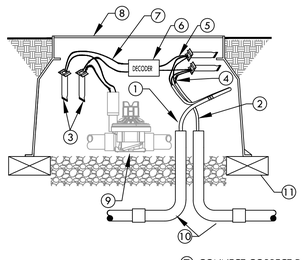
NOTE:
TWO WIRE DECODER SYSTEMS MUST BE PROPERLY GROUNDED IN ORDER TO PROTECT AGAINST LIGHTNING SURGES. THE COMMUNICATION CABLE MUST BE GROUNDED NO FURTHER THAN 500' FROM ANY DECODER. THE SURGE DEVICE MUST BE A WEATHERTRAK MODEL WT2W-LSP. THE MINIMUM DISTANCE BETWEEN THE SURGE ARRESTOR AND THE GROUND ROD SHOULD BE 3' (91.4CM). WEATHERTRAK RECOMMENDS A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A 3M DBY-6 WATERPROOF CONNECTOR.



1. 2-WIRE PATH JACKETED/ TWISTED FROM CONTROLLER. ALLOW A 24" SLACK PER DECODER
2. LIGHTNING ARRESTOR (MODEL WT2W-LSP). 1 EVERY 500' FROM STARTING FROM CONTROLLER.
3. 3M DBR/Y-6 OR APPROVED EQUAL WATERPROOF SPLICE KIT (4 TOTAL)
4. 2-WIRE PATH JACKETED/ TWISTED TO NEXT DECODER
5. 18 GAUGE 1/2" [13mm] SQUARE STAINLESS STEEL WIRE MESH.
6. 1.25" CONDUIT FOR 2 WIRE CABLE WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.
7. INSTALL 5/8" DIAMETER COPPER GROUND ROD OF 8' LENGTH.
8. BRICK-ONE ON EACH CORNER
9. GREY RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. HEAT BRAND "GR" INTO LID.

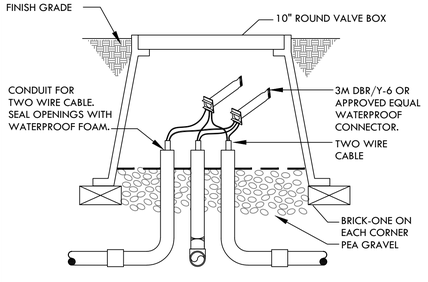
4 LIGHTNING ARRESTOR
SCALE: NONE

NOTE:
1. ALL DECODERS SHALL HAVE A VALVE NUMBER ADDRESSED AT CONTROLLER PRIOR TO INSTALLATION.
2. USE U.F. SAFETY CABLE STRIPPER BY KING INNOVATION (MODEL NUMBER 46200) FOR ALL TWO-WIRE SPLICE CONNECTIONS.

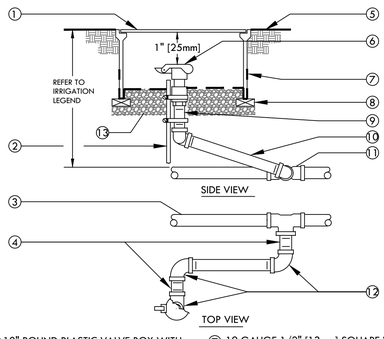


1. #14AWG TWO WIRE CABLE FROM CONTROLLER. REFER TO IRRIGATION NOTES FOR MODEL NUMBER OF WIRE. ALLOW A 24" SLACK PER DECODER. USE ELECTRICAL TAPE TO HOLD SLACK CABLES TOGETHER.
2. TWO WIRE CABLE TO NEXT DECODER
3. 3M DBR/Y-6 OR APPROVED EQUAL WATERPROOF SPLICE KIT (4 TOTAL)
4. A MAXIMUM OF 4" OF WIRE SHALL BE STRIPPED FROM TWO WIRE CABLE WHEN SPLICING AT DECODERS.
5. CONNECT CORRECT DECODER WIRES TO TWO WIRE CABLES.
6. DECODER
7. CONNECT CORRECT DECODER WIRES TO VALVE SOLENOID WIRES
8. VALVE BOX. REFER TO REMOTE CONTROL VALVE DETAIL FOR INSTALLATION INSTRUCTIONS.
9. REMOTE CONTROL VALVE. REFER TO REMOTE CONTROL VALVE DETAIL FOR INSTALLATION INSTRUCTIONS.
10. 1.25" CONDUIT FOR 2 WIRE CABLE WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROFF FOAM.
11. BRICK-ONE ON EACH CORNER

5 DECODER WIRING IN CONDUIT
SCALE: NONE



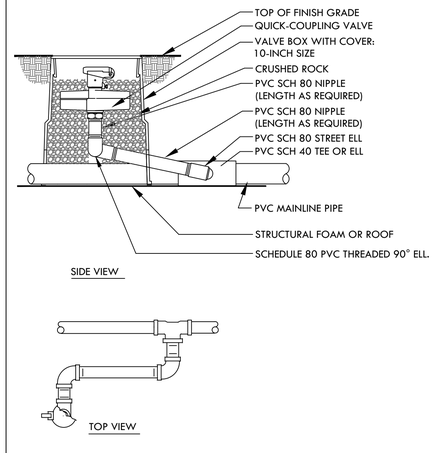
6 2-WIRE SPLICE BOX AT MAIN LINE TEE OR 3 WAY WIRE BRANCH
SCALE: NONE



1. 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
2. 1 1/4" x 1 1/4" x 3/16" [30mm x 30mm x 5mm] ANGLE IRON 30" [760mm] LONG W/2 STAINLESS STEEL STRAPS (ONE AROUND QCV).
3. PVC MAIN LINE.
4. 3" [75mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
5. FINISH GRADE.
6. QUICK COUPLING VALVE.
7. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.
8. BRICK - 2 TOTAL.
9. SCHEDULE 80 PVC THREADED NIPPLE.
10. 10" [250mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
11. UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW.
12. SCHEDULE 80 PVC THREADED 90° ELL.
13. PEA GRAVEL OR 3/4" DRAIN ROCK- 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).

NOTE:
NIPPLES AND FITTINGS TO BE SAME SIZE AS VALVE IPT INLET THREAD SIZE.

7 QUICK COUPLING VALVE
SCALE: NONE



NOTE:
1. NIPPLES AND FITTINGS TO BE SAME SIZE AS VALVE IPT INLET THREAD SIZE.
2. TRIM VALVE BOX LENGTH AS NECESSARY TO BE FLUSH WITH TOP OF PLANTING TILES.
3. IF NECESSARY SLOT SIDES VALVE BOX TO ALLOW PASSAGE OF PIPE THROUGH BOTTOM OF VALVE BOX.

8 QUICK COUPLING VALVE-ON STRUCTURE
SCALE: NONE

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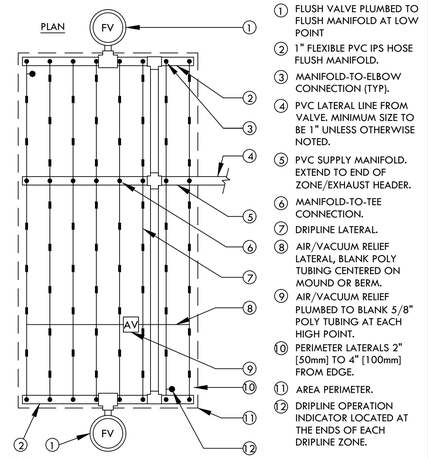
JOB: 2104

SHEET:

IRRIGATION DETAIL

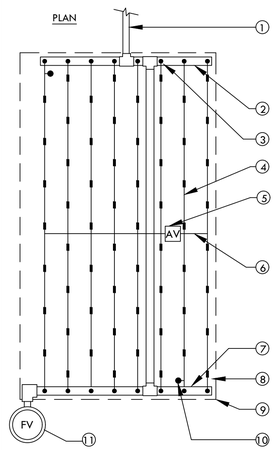
I1.4



1. FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT
2. 1" FLEXIBLE PVC IPS HOSE FLUSH MANIFOLD.
3. MANIFOLD-TO-ELBOW CONNECTION (TYP).
4. PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
5. PVC SUPPLY MANIFOLD. EXTEND TO END OF ZONE/EXHAUST HEADER.
6. MANIFOLD-TO-TEE CONNECTION.
7. DRIPLINE LATERAL.
8. AIR/VACUUM RELIEF LATERAL, BLANK POLY TUBING CENTERED ON MOUND OR BERM.
9. AIR/VACUUM RELIEF PLUMBED TO BLANK 5/8" POLY TUBING AT EACH HIGH POINT.
10. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE.
11. AREA PERIMETER.
12. DRIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONE.

NOTE:
1. THE TOTAL LENGTH OF ALL INTERCONNECTED DRIP LINE OFF A SINGLE PVC SUPPLY LINE CONNECTION OR A SINGLE RUN OF DRIPLINE SHALL NOT EXCEED 300 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

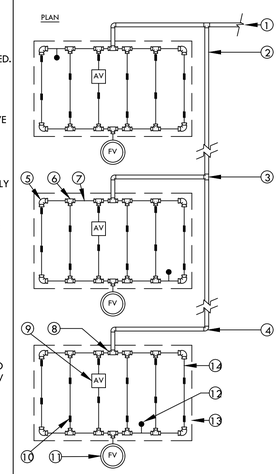
1 HLD DRIPLINE CENTER FEED LAYOUT
SCALE: NONE



1. PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
2. PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
3. MANIFOLD-TO-ELBOW CONNECTION (TYP).
4. DRIPLINE LATERAL.
5. AIR/VACUUM RELIEF VALVE PLUMBED TO BLANK 5/8" TUBING AT EACH HIGH POINT.
6. AIR/VACUUM RELIEF LATERAL, BLANK 5/8" POLY TUBING CENTERED ON MOUND OR BERM.
7. 1" FLEXIBLE PVC IPS HOSE FLUSH MANIFOLD.
8. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE.
9. AREA PERIMETER.
10. DRIP OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONES.
11. FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT.

NOTE:
1. THE TOTAL LENGTH OF ALL INTERCONNECTED DRIP LINE OFF A SINGLE PVC SUPPLY LINE CONNECTION OR A SINGLE RUN OF DRIPLINE SHALL NOT EXCEED 300 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

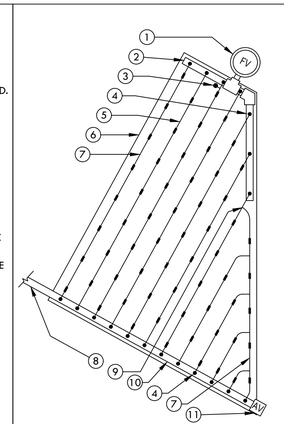
2 HLD DRIPLINE END FEED LAYOUT
SCALE: NONE



1. PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
2. PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
3. PVC TEE (SxSxS).
4. PVC ELL (SxS).
5. HUNTER PLD-ELBOW (PLD-ELB)
6. HUNTER PLD-TEE (PLD-TEE).
7. BLANK 5/8" [16mm] POLY TUBING AT SUPPLY AND FLUSH END OF EACH ISLAND.
8. REFER TO DRIPLINE TO PVC CONNECTION DETAIL.
9. AIR/VACUUM RELIEF VALVE PLUMBED TO TUBING AT HIGH POINT.
10. DRIPLINE LATERAL.
11. MANUAL FLUSH VALVE PLUMBED TO TUBING AT LOW POINT.
12. DRIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONE.
13. ISLAND PERIMETER.
14. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE.

NOTE:
1. THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 300 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

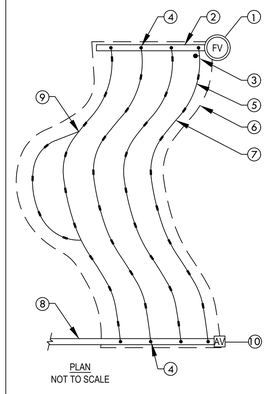
3 HLD DRIPLINE ISLAND LAYOUT
SCALE: NONE



1. FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT
2. 1" SCH 40 PVC OR FLEXIBLE PVC IPS HOSE FLUSH MANIFOLD.
3. DRIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONE.
4. MANIFOLD-TO-ELBOW CONNECTION.
5. DRIPLINE LATERAL.
6. AREA PERIMETER.
7. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE.
8. PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
9. HUNTER PLD-TEE (PLD-TEE)
10. PVC SUPPLY MANIFOLD.
11. HUNTER PLD AIR/VACUUM RELIEF VALVE (PLD-AVR) PLUMBED TO SUPPLY MANIFOLD AT HIGH POINT.

NOTE:
1. THE TOTAL LENGTH OF ALL INTERCONNECTED DRIP LINE OFF A SINGLE PVC SUPPLY LINE CONNECTION OR A SINGLE RUN OF DRIPLINE SHALL NOT EXCEED 300 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

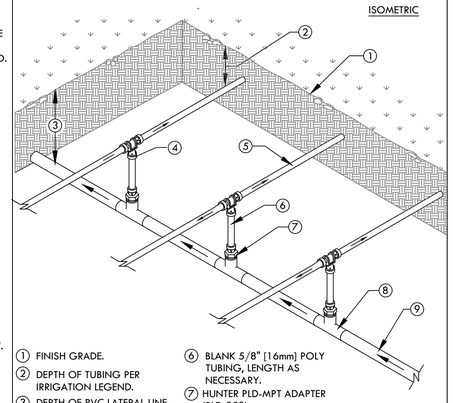
4 HLD DRIPLINE TRIANGULAR LAYOUT
SCALE: NONE



1. FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT
2. 1" SCH 40 PVC OR FLEXIBLE PVC IPS HOSE FLUSH/EXHAUST MANIFOLD.
3. DRIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONE.
4. MANIFOLD-TO-ELBOW CONNECTION.
5. DRIPLINE LATERAL.
6. AREA PERIMETER.
7. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE.
8. PVC SUPPLY LINE/HEADER FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
9. HUNTER PLD-TEE (PLD-TEE)
10. HUNTER PLD AIR/VACUUM RELIEF VALVE (PLD-AVR) PLUMBED TO SUPPLY MANIFOLD AT HIGH POINT.

NOTE:
1. THE TOTAL LENGTH OF ALL INTERCONNECTED DRIP LINE OFF A SINGLE PVC SUPPLY LINE CONNECTION OR A SINGLE RUN OF DRIPLINE SHALL NOT EXCEED 300 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

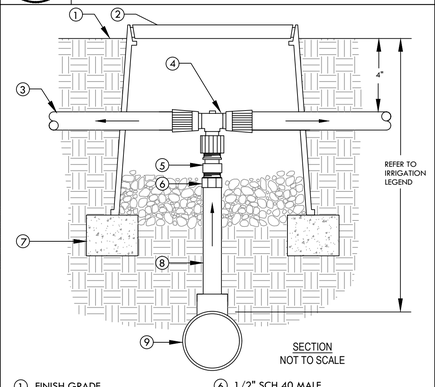
5 HLD DRIPLINE ODD CURVE LAYOUT
SCALE: NONE



1. FINISH GRADE.
2. DEPTH OF TUBING PER IRRIGATION LEGEND.
3. DEPTH OF PVC LATERAL LINE PER IRRIGATION LEGEND
4. HUNTER PLD-TEE (PLD-TEE)
5. DRIPLINE TUBING.
6. BLANK 5/8" [16mm] POLY TUBING, LENGTH AS NECESSARY.
7. HUNTER PLD-MPT ADAPTER (PLD-050)
8. PVC TEE (SxSxT) WITH 1/2" [13mm] FPT OUTLET.
9. PVC LATERAL LINE FROM REMOTE CONTROL VALVE.

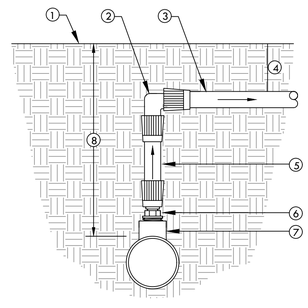
NOTE:
THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 300 FT.

6 HLD DRIPLINE CENTER FEED MANIFOLD
SCALE: NONE



1. FINISH GRADE
2. CARSON 708 OR EQUAL. COLOR: BLACK. USE PURPLE FOR RECYCLED WATER SYSTEMS.
3. DRIPLINE TUBING
4. HUNTER PLD-TEE X 1/2" FPT ADAPTER
5. TORO 1/2" CHECK VALVE (PCV-500)
6. 1/2" SCH 40 MALE ADAPTER.
7. BRICK (1 OF 2)
8. 1/2" SCH 40 PVC (LENGTH AS REQUIRED)
9. PVC LATERAL LINE SUPPLY. MINIMUM SIZE TO BE 1" UNLESS SIZED DIFFERENTLY ON DRAWINGS. USE SCH 40 PVC 1"x1"x1/2" TEE OR 90° ELBOW.

7 DRIPLINE TO PVC CONNECTION
SCALE: NONE



1. FINISH GRADE
2. HUNTER PLD-ELBOW (PLD-ELB)
3. DRIPLINE TUBING
4. DEPTH OF TUBING PER IRRIGATION LEGEND.
5. BLANK 5/8" [16mm] POLY TUBING, LENGTH AS NECESSARY.
6. HUNTER PLD-MPT ADAPTER (PLD-050)
7. SCH 40 PVC TEE (SxSxT) WITH 1/2" FPT OUTLET.
8. DEPTH OF PVC LATERAL LINE PER IRRIGATION LEGEND

8 DRIPLINE MANIFOLD TO ELBOW CONNECTION
SCALE: NONE

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3000 SHATTUCK

3000 Shattuck Ave
Berkeley, CA

03.09.2021 REVISED BASE PLANS
07.08.2022 ZONING INCOMPLETE RESPONSE
01.06.2023 DESIGN REVIEW SUBMITTAL
05.01.2023 RESPONSE TO DESIGN REVIEW

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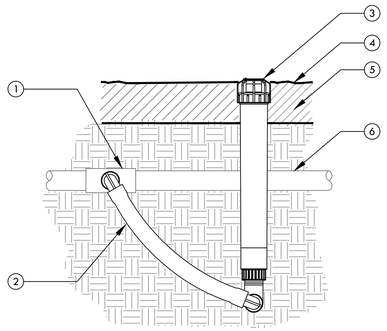
JOB: 2104

SHEET:

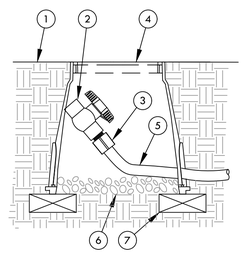
IRRIGATION DETAIL

I1.5



1. UPC APPROVED SCHEDULE 40 PVC TEE, ELBOW OR BARB x THREAD DRIP FITTING TEE OR ELBOW WITH 3/4" OUTLET.
2. 1/2" X 3/4" X 6" HUNTER SWING JOINT (SJ-7506)
3. ECO INDICATOR
4. FINISHED GRADE
5. MULCH
6. PVC LATERAL PIPE OR DRIPLINE

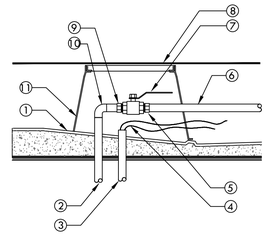
1 DRIPLINE OPERATION INDICATOR
SCALE: NONE



NOTE:
ALLOW A MINIMUM OF PVC HOSE IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

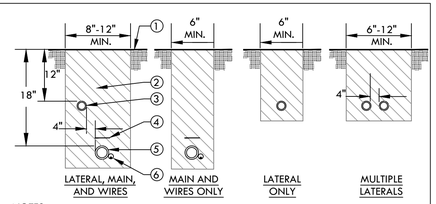
1. FINISH GRADE
2. 1/2" SCH 40 THREADED BALL VALVE.
3. 1/2" SCH 40 MALE ADAPTER.
4. 6" ROUND PLASTIC VALVE BOX.
5. 1" IPS PVC HOSE FROM EXHAUST HEADER.
6. PEA GRAVEL SUMP (6" DEEP).
7. BRICK (1 OF 2)

2 DRIPLINE-FLUSH POINT
SCALE: NONE



1. SLOPED ROOF BELOW PEDESTAL SYSTEM
2. COPPER PIPE THROUGH STRUCTURE PROVIDED BY PLUMBING CONTRACTOR. WATERPROOF ALL PENETRATIONS.
3. CONDUIT FOR CONTROL WIRES THROUGH STRUCTURE PROVIDED BY ELECTRICAL CONTRACTOR. WATERPROOF ALL PENETRATIONS
4. TWO-WIRE CABLE OR CONTROL WIRES
5. SCH 40 PVC MALE ADAPTER.
6. PVC MAIN LINE TO REMOTE CONTROL VALVES.
7. BRONZE BALL VALVE.
8. ROOF DECK PAVERS
9. COPPER MALE ADAPTER.
10. COPPER 90° ELBOW.
11. 10" ROUND PLASTIC VALVE BOX. CUT BOX TO FIT BELOW PEDESTAL PAVER SYSTEM

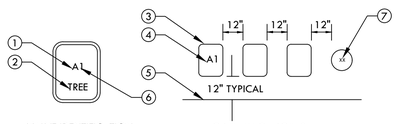
3 ON STRUCTURE STUB-OUT WITH BRONZE BALL VALVE
SCALE: NONE



NOTES:
1. ALL MAIN SUPPLY LINES AND LATERAL LINES SHALL BE PLACED IN SLEEVES UNDER PAVED SURFACES. INSTALL LOW VOLTAGE WIRES WITHIN A SEPARATE CONDUIT UNDER PAVED SURFACES. DO NOT TAPE WIRES WITHIN CONDUIT.
2. REUSE SALVAGED EXCAVATED FILL AND COMPACT TO ORIGINAL DENSITY IN LANDSCAPE AREAS. ALL OTHER AREAS SHALL BE AT 95% COMPACTION. BACKFILL MATERIAL SHALL BE THE EARTH EXCAVATED FROM THE TRENCHES, FREE FROM ROCKS (ANYTHING LARGER THAN 2"), CONCRETE CHUNKS, AND OTHER FOREIGN OR COARSE MATERIALS.
3. WHEN 12" POP-UP SPRINKLER HEADS ARE USED, INCREASE THE DEPTH OF LATERAL TO 18" AT THE SPRINKLER LOCATION ONLY.

1. FINISH GRADE.
2. CLEAN BACKFILL MATERIAL.
3. LATERAL LINE.
4. 3" DETECTABLE WARNING TAPE OVER MAIN LINE. INSTALL 3" ABOVE MAIN LINE. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS OR #TA-DT-3-PRW FOR RECYCLED IRRIGATION WATER SYSTEMS
5. MAIN LINE.
6. TWO WIRE CABLE IN CONDUIT

4 TRENCHING
SCALE: NONE



VALVE IDENTIFICATION

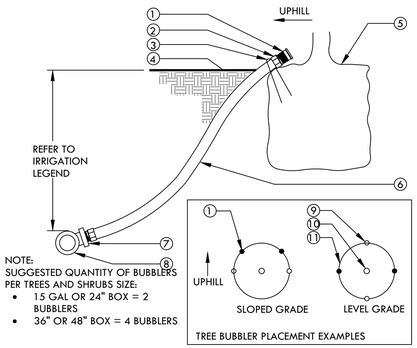
1. CONTROLLER ID.
2. ALL TREE VALVES TO HAVE TREE BRANDED INTO LID.
3. RECTANGULAR VALVE BOX.
4. HEAT BRAND VALVE TYPE PER TABLE OR CONTROLLER ID AND STATION NUMBER INTO LID.
5. EDGE OF LAWN, WALK, FENCE, CURB, ETC.
6. STATION NUMBER.
7. ROUND VALVE BOX FOR QCV AND GATE VALVE. HEAT BRAND VALVE TYPE INTO INTO LID PER TABLE.

TOP VIEW OF BOXES

ITEMS TO BRAND:	BRAND CODE
GATE VALVE	GV
PRESSURE REDUCER	PRV
MASTER VALVE	MV
FLOW SENSOR	FS
HYDROMETER	HM
MAIN LINE AIR RELIEF	ARV
REMOTE CONTROL VALVE	A___
QUICK COUPLER	QC
SPLICE BOX	SB
PULL BOX	PB
LIGHTNING ARRESTOR	LA
GROUND ROD	GR

INSTRUCTIONS:
1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET BOXES 1" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
3. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN ONLY IF GROUND COVER DOES NOT EXIST ADJACENT TO LAWN.
4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC.
5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
6. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.

5 VALVE BOX INSTALLATION
SCALE: NONE



TREE BUBBLER PLACEMENT EXAMPLES

NOTE:
SUGGESTED QUANTITY OF BUBBLERS PER TREES AND SHRUBS SIZE:
- 15 GAL OR 24" BOX = 2 BUBBLERS
- 36" OR 48" BOX = 4 BUBBLERS

1. BUBBLER (TO BE INSTALLED ON TOP OF ROOTBALL).
2. 1/2" SCH. 40 MALE ADAPTER (2 TOTAL).
3. 6" STAPLE.
4. FINISH GRADE.
5. TREE OR SHRUB ROOTBALL.
6. 1/2" IPS FLEXIBLE PVC. USE WELD-ON 795 SOLVENT CEMENT OR EQUAL WHEN BONDING PVC HOSE TO FITTINGS.
7. PVC TEE (SST), ELBOW (ST) OR FEMALE ADAPTER.
8. PVC LATERAL LINE.
9. TREE STAKES.
10. TREE.
11. EDGE OF ROOTBALL (TYPICAL).

6 TREE BUBBLER
SCALE: NONE

WATER USE ESTIMATION

WATER TYPE	POTABLE
SITE ETO=	39.7

REGULAR LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
GROUND LEVEL	GC/SHRUBS	LOW	0.3	DRIP	0.81	0.370	1,692	627	15,425	0.05	20.62	53%
ROOF	GC/SHRUBS	LOW	0.3	DRIP	0.81	0.370	1,008	373	9,189	0.03	12.29	32%
TREES	TREES	MOD	0.5	BUBBLER	0.81	0.617	480	296	7,293	0.02	9.75	15%
					TOTALS		3,180	1,296	31,907	0.10	42.66	100%

SPECIAL LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME											
3						1	0					0%
						TOTALS	0					0%

MAWA	GALLONS/YR	35,223
	ACRE FEET/YR	0.11
	HCF/YR	47.09
ETWU	GALLONS/YR	31,907
	ACRE FEET/YR	0.10
	HCF/YR	42.66

MAWA FORMULA
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) GALLONS PER YEAR
MAWA = (ETo)(0.62)[(LA x 0.45) + (0.55 x SLA)]

ETo = REFERENCE EVAPOTRANSPIRATION
0.55= ET ADJUSTMENT FACTOR
LA=LANDSCAPED AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)

ETWU FORMULA
ESTIMATED TOTAL WATER USE (ETWU) GALLONS PER YEAR
ETWU= ((ETO)(.62)(ETAF x LA))

ETo = REFERENCE EVAPOTRANSPIRATION
PF = PLANT FACTOR FOR HYDROZONES
HA = HYDROZONE AREA (SQ.FT)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)
IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DRIP
IE = IRRIGATION EFFICIENCY (0.75)-ROTORS/SPRAY

SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
81.0%	0.33	YES

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	1,296
TOTAL AREA	3,180
AVG. ETAF	40.76%

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JOB: 2104

SHEET:

IRRIGATION DETAIL

I1.6

3000 Shattuck Avenue Mixed-Use Project

Addendum to the 3000 Shattuck Avenue Project Initial Study – Negative Declaration

(SCH # 2017062025)

prepared by

City of Berkeley
1947 Center Street, Second Floor
Berkeley, California 94704
Contact: Allison Riemer, Associate Planner, (510) 981-7433

prepared with the assistance of

Rincon Consultants, Inc.
449 15th Street, Suite 303
Oakland, California 94612

January 2023

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

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Table of Contents

1 Introduction 1
2 Project Description 2
2.1 Summary of Proposed Changes 3
3 Decision Not to Prepare Subsequent Negative Declaration or EIR 10
4 Environmental Impacts of the Proposed Changes to the Original Project 11
4.1 Changes in Environmental Conditions 11
4.2 Aesthetics 12
4.3 Air Quality 13
4.4 Cultural Resources 16
4.5 Energy 17
4.6 Greenhouse Gas Emissions 19
4.7 Hazards and Hazardous Materials 21
4.8 Land Use and Planning 22
4.9 Noise 23
4.10 Population and Housing 24
4.11 Public Services 26
4.12 Recreation 27
4.13 Transportation 28
4.14 Utilities and Service Systems 29
4.15 Other Impacts 31
5 Conclusion 36
6 References and Preparers 37
6.1 References 37
6.2 List of Preparers 37

Tables

Table 1 Changes to Previously Approved Project 3
Table 2 Modified Project Air Quality Emissions 14
Table 3 Potential Housing and Population Increase 25

Figures

Figure 1 Project Site and Adjacent Land Uses....4
Figure 2 Proposed Ground Floor Plan....5
Figure 3 Plan at Levels 2-10....6
Figure 4 Proposed Roof Plan....7
Figure 5 Proposed Building Elevations (Top: North Elevation; Bottom: West Elevation)....8
Figure 6 Proposed Building Elevations (Left: South Elevation; Right: East Elevation)....9

Appendices

Appendix A California Emissions Estimator Model Results
Appendix B CHRIS Results
Appendix C Phase I and Phase II Environmental Site Assessments
Appendix D Site Plans

1 Introduction

This document is an Addendum to the *3000 Shattuck Avenue Project Initial Study – Negative Declaration* (IS-ND) (State Clearinghouse # 2017062025), which was prepared for the 3000 Shattuck Avenue Project in 2017, hereinafter referred to as "the original project." The City approved the project and adopted the IS-ND on November 27, 2018 (2018 Final IS-ND).

The modified 3000 Shattuck Avenue Project (hereinafter referred to as "the modified project") would involve changes to the previously approved original project considered in the 2018 Final IS-ND. Therefore, some modifications and additions are necessary to the previously approved 2018 Final IS-ND for the original project.

Pursuant to Section 15164 of the *CEQA Guidelines*, codified in Sections 15000 et seq. of Title 14 of the California Code of Regulations, a lead agency shall prepare an addendum to a previously adopted negative declaration if some changes or additions are necessary but none of the conditions described in Section 15612 calling for preparation of a subsequent Environmental Impact Report (EIR) have occurred.

According to Section 15164 of the *CEQA Guidelines*, an addendum to a previously adopted negative declaration is the appropriate environmental document in instances when "only minor technical changes or additions are necessary" and when the new information does not involve new significant environmental effects beyond those identified in the previous negative declaration, or a substantial increase in severity of previously identified significant effects.

Specifically, the *CEQA Guidelines* state:

- An addendum to an adopted negative declaration may be prepared if only minor technical changes or additions are necessary or none of the conditions described in Section 15162 calling for the preparation of a subsequent EIR or negative declaration have occurred. (Section 15164 (b)).
- An addendum need not be circulated for public review but can be included in or attached to the final EIR or adopted negative declaration (Section 15164 (c)).
- The decision-making body shall consider the addendum with the final EIR or adopted negative declaration prior to making a decision on the project (Section 15164 (d)).
- A brief explanation of the decision not to prepare a subsequent EIR or negative declaration pursuant to Section 15162 should be included in an addendum to an EIR, the lead agency's findings on the project, or elsewhere in the record. The explanation must be supported by substantial evidence (Section 15164 (e))

This addendum has been prepared in accordance with relevant provisions of CEQA (California Public Resources Code Section 21000, *et seq.*) and the *CEQA Guidelines*. It describes the modified project and compares its impacts to those identified in the 2018 Final IS-ND. The analysis demonstrates that the modified project does not require the preparation of a subsequent EIR or negative declaration because none of the conditions described in *CEQA Guidelines* Section 15162 that would call for preparation of a subsequent EIR or negative declaration have occurred or would occur because of the modified project.

2 Project Description

The modified project, like the original project described in the 2018 Final IS-ND, is a proposed mixed-use development in Berkeley and is on the same project site as the original project. Also like the original project, the modified project's street frontage for commercial uses would be on both Shattuck Avenue and Ashby Avenue and the main building entrance for the residential use would remain on Shattuck Avenue. The project location is shown in Figure 1. Like the original project, the modified project would involve demolition of the existing structures on the site, as detailed in the 2018 Final IS-ND for the original project (hereby incorporated by reference).

The modified project includes several alterations to the original project, including an increase in building height, removal of all automobile parking spaces, increase in residential units and square footage, increase in affordable units, increase in open space, decrease in retail square footage, and decrease in construction duration. These modifications are listed in more detail under *Summary of Proposed Changes*, below. The proposed modifications would expand and intensify, but not change, the use of the proposed building compared to that of the original project. The modified project would include substantial changes to architectural design and materials and would continue to comply with the Berkeley Municipal Code and General Plan. Overall, the proposed modifications would result in a larger mixed-use project than the original project. Figure 2 through Figure 6 show the modified project plans, including the proposed open space areas and elevations. The project plans in their entirety are included in Appendix D. The modified project would incorporate similar sustainability features as the original project but would be updated to comply with Berkeley Municipal Code (BMC) Section 12.80.040, Prohibited Natural Gas Infrastructure in Newly Constructed Buildings (Natural Gas Prohibition), and the 2022 California Energy and Green Building Standards Code (CALGreen) including all locally-adopted amendments. Modified project sustainability features would include a low-flow irrigation system, an all-electric building, and a rooftop solar (covering a minimum of 15 percent of the roof area) energy system and battery storage.

Site preparation, construction procedures, and proposed utility connections would remain like the original project. Please refer to the 2018 Final IS-ND for details regarding these project components. Overall construction of the modified project would occur over a similar time span as was anticipated for the original project but would be more intensive due to the height increase. Despite the increased height, foundation work would not be substantially different from that proposed for the original project and would also comply with the recommendations in a geotechnical report prepared for the modified project. Modular construction may be employed for the modified project, which would not affect site preparation.

Like the original project, the modified project would include demolition of the existing gas station/ convenience store/smog check station. Because the project site contains three underground storage tanks (UST), a Phase I Environmental Site Assessment (ESA) and Phase II ESA were conducted for the modified project, which are discussed in Section 4.7, *Hazards and Hazardous Materials*.

The modified project includes a density bonus request. The project applicant would comply with the City's Housing Mitigation Fee Ordinance by restricting rental rates according to California's Density Bonus Law. The project would include 17 very low-income units in order to qualify for density bonus concessions and waivers (for height, setbacks, and floor area ratio) under the Density Bonus Law (Government Code Section 65915). The proposed level of affordability is at 15 percent of the base

project (17 units) at very low-income levels. The very low-income units would be of comparable size to the market rate units and would contain, on average, the same number of bedrooms, and have comparable appearance, materials and finishes as the market rate units in the project. These units would also have access to the same common areas and amenities as the market rate units. The 50 percent density bonus would allow for up to 56 additional units, but only 55 of those bonus units are requested for a total of 166 units.

2.1 Summary of Proposed Changes

Key differences between the original project analyzed in the 2018 Final IS-ND and the modified project that are relevant to the environmental analysis are summarized in Table 1.

Table 1 Changes to Previously Approved Project

Project Characteristic	Previously Approved Project	Updated Project
Total Floor Area	**38,828 sf**	**89,846 sf**
Lot Coverage	83%	68%
Residential[1]	32,603 sf	80,235 sf
Retail	6,225 sf	1,095 sf
Building Height	56 feet and 11 inches; 5 stories	113 feet and 10 inches; 10 stories
Total Residential Units	**44 units[1]**	**166 units[2]**
Affordable Units	4 units	17 units
Open Space		
Roof Deck	N/A	4,473 sf
Ground Level Open Space	N/A	4,043 sf
Usable Open Space	2,092 sf	8,516 sf
Parking		
Automobile	17 spaces	0 spaces
Bicycle	62 spaces	62 spaces[3]
Construction		
Length	18 months	18 months

[1]Includes 4 studios (430 sf on average), 31 1-bedrooms (616 sf on average), and 8 2-bedrooms (902 sf on average).

[2]All units would be studios.

[3]Includes 55 long-term residential spaces, 5 short-term residential spaces, and 2 short-term commercial spaces

sf = square feet

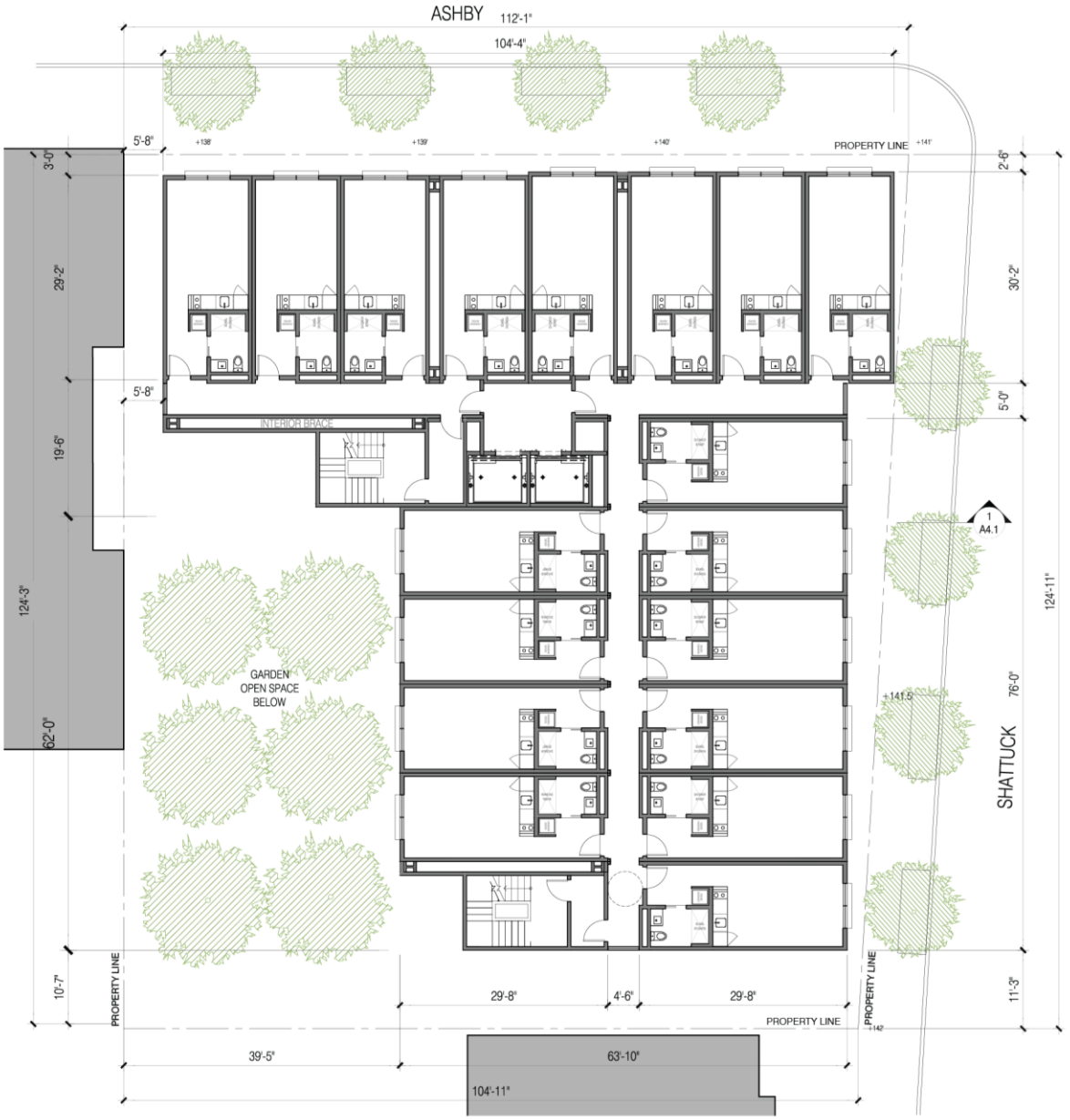
Figure 1 Project Site and Adjacent Land Uses

Imagery provided by Microsoft Bing and its licensors © 2022.

Figure 2 Proposed Ground Floor Plan

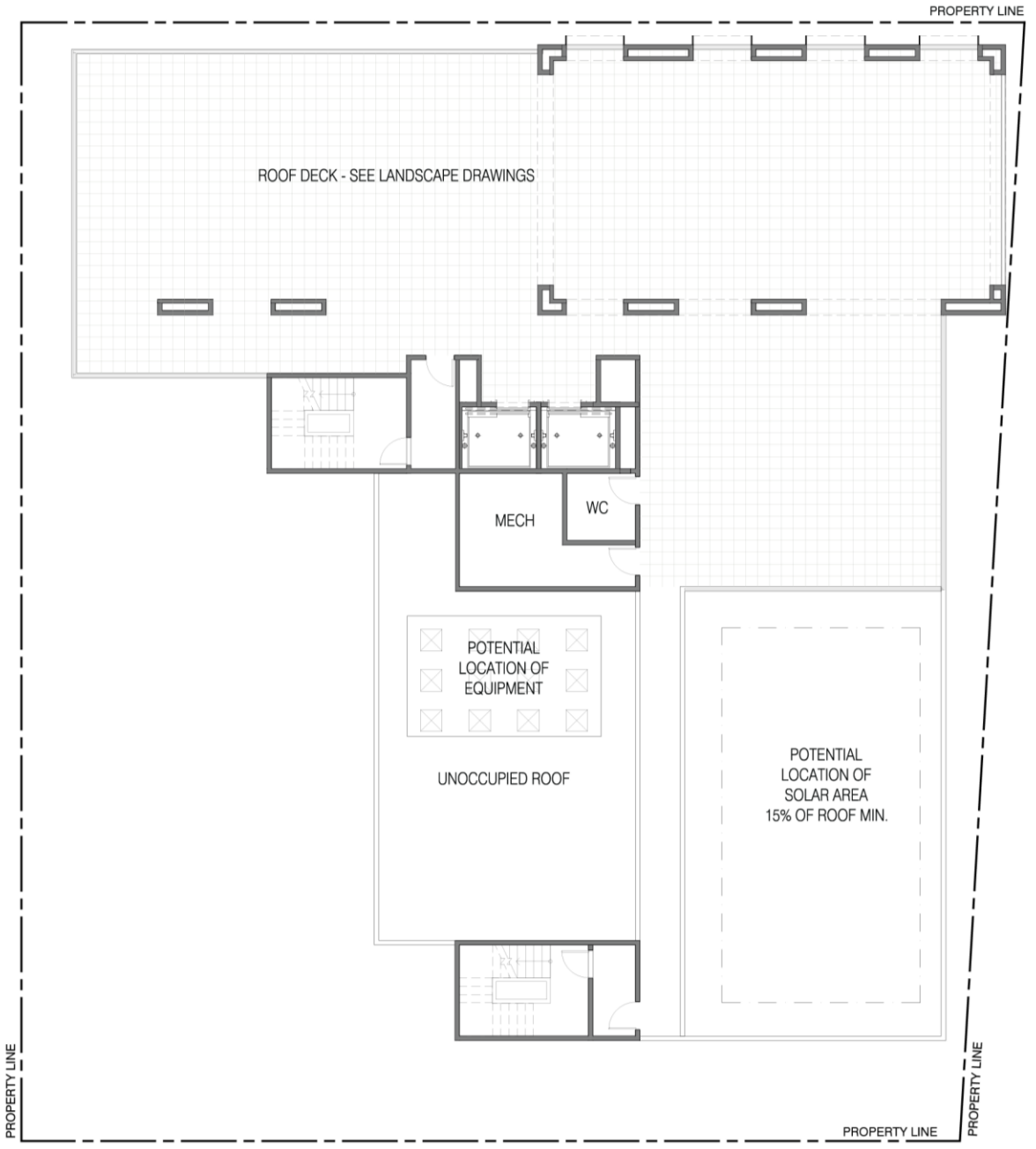
Source: Trachtenberg Architects

Figure 3 Plan at Levels 2-10



Source: Trachtenberg Architects

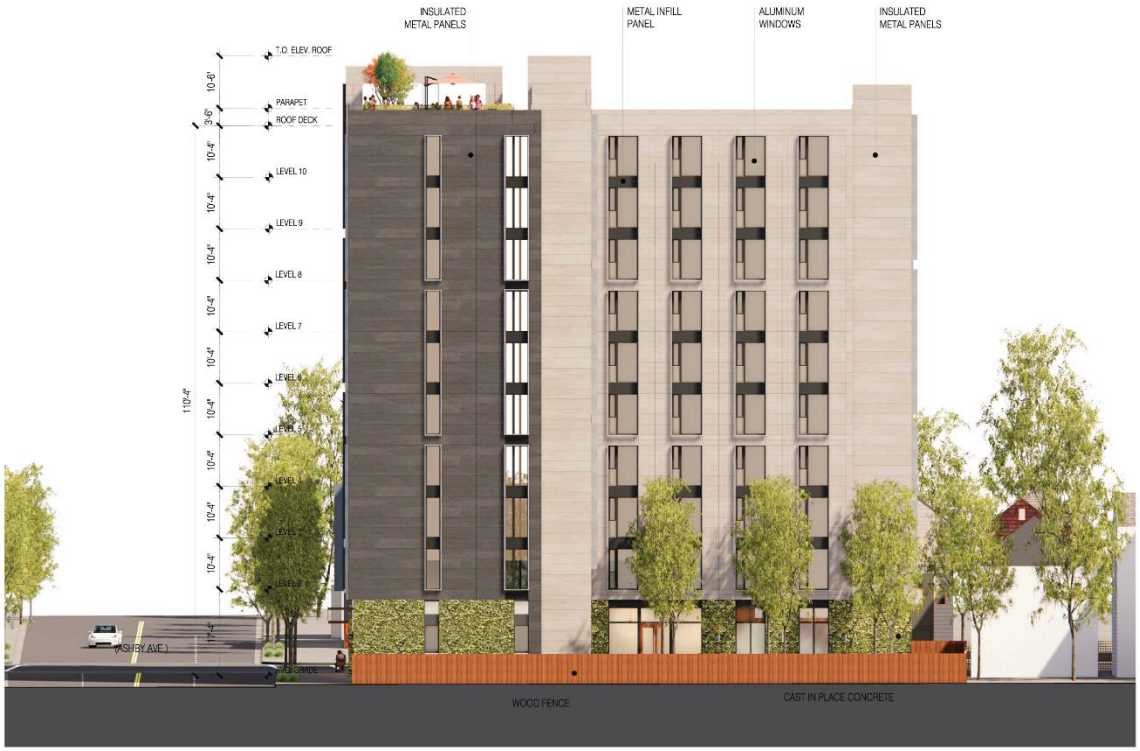
Figure 4 Proposed Roof Plan



Source: Trachtenberg Architects

Figure 5 Proposed Building Elevations (Top: North Elevation; Bottom: West Elevation)

Source: Trachtenberg Architects



Source: Trachtenberg Architects

Figure 6 Proposed Building Elevations (Left: South Elevation; Right: East Elevation)

Source: Trachtenberg Architects

Source: Trachtenberg Architects

3 Decision Not to Prepare Subsequent Negative Declaration or EIR

As outlined in Section 15164 of the *CEQA Guidelines*, a lead agency shall prepare an addendum to a previously certified negative declaration if some changes or additions are necessary, but none of the conditions described in *CEQA Guidelines* Section 15162 calling for preparation of a subsequent EIR or negative declaration have occurred.

The impact analysis that follows demonstrates that the modified project would not introduce new, significant environmental impacts beyond those that have already been identified and characterized in the 2018 Final IS-ND and that there are no substantial changes in the project or circumstances or substantially important new information that would cause the project to have significant new impacts or substantially increase previously identified significant impacts. None of the conditions described in *CEQA Guidelines* Section 15162 that would call for preparation of a subsequent EIR or negative declaration have occurred or would occur because of the modified project. Therefore, this addendum is the appropriate level of environmental documentation to provide under CEQA. The City of Berkeley will include this addendum, along with the adopted 2018 Final IS-ND for the original project, in its consideration of the modified project.

4 Environmental Impacts of the Proposed Changes to the Original Project

This addendum evaluates the changes proposed under the modified project compared to the original project against the *CEQA Guidelines* Section 15162 criteria, to determine whether a subsequent EIR or negative declaration is necessary for the modified project. The existing environmental conditions on and around the project site are substantially the same under present conditions as those described in the 2018 Final IS-ND, with the exception of two relevant changes described below in Section 4.1. The analysis contained in this section provides updates where necessary to characterize potential impacts.

Appendix G of the *CEQA Guidelines* provides a checklist of environmental issues areas suggested for assessment in a CEQA analysis. The 2018 Final IS-ND analyzed all issue areas in the 2017 Appendix G checklist. The issue areas studied included the following:

- Aesthetics
- Agricultural and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation/Traffic
- Tribal Cultural Resources
- Utilities
- Mandatory Findings of Significance

To provide a thorough and conservative analysis of potential impacts associated with the modified project, this addendum addresses all 20 environmental issue areas included in Appendix G of the current *CEQA Guidelines*. These issue areas include Energy and Wildfire, which were added to the *CEQA Guidelines* in December 2018.

Potential environmental impacts of the modified project are analyzed to determine if they are consistent with the environmental analysis provided in the 2018 Final IS-ND. Where the following analysis identifies impacts, discussion of previously identified mitigation measures from the 2018 Final IS-ND and existing applicable policies and regulations are discussed, as relevant, with respect to mitigating potential impacts from the modified project. Topics with the greatest potential for different impacts are addressed first, followed by brief discussions of topics with minimal potential for different impacts, based on the scope and scale of the modified project.

4.1 Changes in Environmental Conditions

Most of the environmental conditions described in the 2018 Final IS-ND are substantially unchanged. Several new buildings in the vicinity of the project site have either been constructed, are approved, or are pending approval. These buildings include 2650 Telegraph Avenue, a mixed-use

residential development that is under construction, 2801 Adeline Street, a mixed-use residential development that is under review, and 2440 Shattuck Avenue, a mixed-use residential development that is being constructed. In June 2022, the Ashby BART station site, located approximately 0.3 mile northeast from the project site, was rezoned to a Residential BART Mixed-Use District, which allows for residential development up to 75 dwelling units per acre and a height of 7 stories (80 feet).

4.2 Aesthetics

Impacts Identified in the 2018 Final IS-ND

The 2018 Final IS-ND found that the original project would not significantly alter views of the Berkeley hills from public viewpoints, nor would they degrade public views of other visual resources identified in Policy UD-31 of the City's General Plan (such as the Bay, Berkeley hills, the Campanile, Golden Gate Bridge, and Alcatraz Island). Impacts regarding scenic vistas would be less than significant for the original project.

The original project would introduce new sources of light and glare, but the 2018 Final IS-ND found that new sources are not anticipated to be substantial in the context of existing light sources. The original project would be subject to the City's standard conditions of approval for lighting, *Exterior Lighting,* and General Plan Policy EM-42, which states that outdoor lighting should be chosen to avoid glare and provide an attractive nighttime environment with "fully shielded" fixtures to limit light rays emitted above the horizontal plane. Impacts resulting from light and glare would be less than significant for the original project.

The original project site is not designated as a scenic resource or State Scenic Highway. There would be no impact regarding scenic resources within a State Scenic Highway.

The five-story building would be consistent with surrounding uses and would utilize materials that are consistent with those found in the neighborhood. The original project would include new sidewalks, landscaping and street trees which would continue the pattern of development in the neighborhood and improve the visual character and quality of the site rather than degrade it. Impacts to visual character and the quality of public views would be less than significant.

Additionally, pursuant to California State law (Senate Bill [SB] 743, 2013), aesthetic impacts of a mixed-use residential/commercial project on an infill site within a Transit Priority Area (TPA), such as the project site, may not be considered significant impacts on the environment.

Impacts of the Modified Project

While the modified project could result in potentially greater impacts associated with the increased building height, as mentioned in the 2018 Final IS-ND summary, aesthetic impacts may not be considered significant impacts on the environment under SB 743, 2013.

The modified project would have a height of 113 feet and 10 inches, which is 56 feet and 11 inches taller than the original project. Like the original project, the modified project would add to the existing development that frames the views of the Berkeley hills visible from the sidewalk near the project site. The modified project would not significantly alter views of the Berkeley hills from public viewpoints and no significant new or substantially increased impacts to public views or visual resources identified in General Plan Policy UD-31 would occur compared to the original project.

The modified project site is the same as the original project site and is not designated as a scenic resource or State Scenic Highway, and there would be no impact regarding scenic resources within a State Scenic Highway.

The modified project would be subject to the City's standard condition of approval for lighting, *Exterior Lighting*, which requires exterior lighting to be shielded and directed downward and away from property lines to prevent excessive glare, as well as General Plan Policy EM-42 which states that outdoor lighting should be chosen to avoid glare and provide an attractive nighttime environment with "fully shielded" fixtures to limit light rays emitted above the horizontal plane. Like the original project, impacts regarding light and glare would be less than significant.

Impacts would be less than significant by statute, like the original project. No significant new or substantially increased aesthetics impacts would occur compared to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to aesthetics, and no new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, like the original project, and no significant new or substantially increased aesthetics impacts would occur.

4.3 Air Quality

Impacts Identified in the 2018 Final IS-ND

As discussed in Section 5.3, *Air Quality*, of the 2018 Final IS-ND, the original project was analyzed for consistency with Bay Area Air Quality Management District (BAAQMD) 2010 Clean Air Plan (CAP) control measures and goals. The original project would contain features that would benefit regional air quality and support goals of the 2010 CAP, such as solar hot water or photovoltaic panels, water-efficient landscaping, installation of ENERGY STAR fans and appliances, and use of efficient lighting systems. Additionally, the project site is an infill site, and the location is in proximity to high-frequency transit, bicycle and pedestrian infrastructure, and commercial uses within walking distance. Furthermore, the original project would be consistent with BAAQMD control measures related to stationary sources, mobile sources, transportation, land use, and energy. Therefore, the original project would have a less-than-significant impact on the implementation of the 2010 CAP.

Operationally, the original project would result in a net reduction in air quality emissions compared to existing conditions, primarily because redevelopment of the site from a gas station to a mixed-use building would result in a net reduction of vehicle trips. From a construction standpoint, the original project would reduce potential construction air quality impacts through BAAQMD standard measures that reduce fugitive dust emissions and use of construction equipment that meets current exhaust standards. Cumulatively, air quality emissions would not exceed BAAQMD thresholds. Therefore, air quality impacts of the original project would be less than significant.

The project site is located at the intersection of two major roadways, Ashby and Shattuck avenues, which represent a source of significant mobile emissions. Design measures (e.g., windows and ventilation requirements) would be determined and implemented during the building plan check review phase to ensure the proposed building would meet Title 24 interior air quality standards.

Furthermore, residential uses do not typically create objectionable odors. Therefore, impacts of the original project to sensitive receivers and objectionable odors would be less than significant.

Impacts of the Modified Project

Since the 2018 Final IS-ND was adopted, the modified project has been revised to include more residential units (increased from 44 to 166 total units), fewer parking spaces (reduced from 17 to 0 spaces), and reduced retail space (reduced from 6,225 square feet to 1,095 square feet). The modified project would continue to include design features consistent with the 2010 CAP evaluated under the original project, and the updated 2017 CAP. The modified project would incorporate similar sustainability features as the original project but would be updated to comply with the City's Natural Gas Prohibition, California Energy Commission 2022 Energy Code and the 2022 CALGreen including all locally-adopted amendments. Modified project sustainability features would include a low-flow irrigation system, an all-electric building, and a rooftop solar (covering a minimum of 15 percent of the roof area) energy system and battery storage.

The reduction in parking spaces, omission of natural gas hookups, and improvements to the photovoltaic system would improve the modified project's ability to meet 2017 CAP control measures, and impacts would not be greater than previously determined under the original project. The modified project would not substantially alter the previously proposed land uses and would continue to be consistent with the designated land use and zoning district. Furthermore, the modified project would be consistent with 2017 CAP control measure TR10, which promotes higher density mixed-use development near transit to facilitate walking, bicycling and transit use, all of which reduce emissions of particulate matter, air toxics, and greenhouse gases (GHG) from vehicle use. Overall, the modified project would be consistent with General Plan and 2010 CAP goals and policies, like the original project, and the updated 2017 CAP.

BAAQMD's thresholds have been updated since adoption of the 2018 Final IS-ND. Daily construction air quality emission thresholds are 54 pounds per day (lb/day) for ROG, NOx, and $PM_{2.5}$ (exhaust) and 82 lb/day for PM_{10} (exhaust). The operational air quality emission thresholds recommended by the BAAQMD were lowered to 10 tons per year (tpy) and 54 lb/day for ROG, NOx, and $PM_{2.5}$ maximum annual emissions, with the PM_{10} maximum annual operational emission threshold remaining at 15 tpy and 82 lb/day. Additionally, since the adoption of the 2018 Final IS-ND, a new version (2022.1) of California Emissions Estimator Model (CalEEMod) has been published. Based on these updates, updated emissions estimates for the modified project were calculated for this analysis.

The results of the modified project's CalEEMod modeling are provided in Table 2 and in Appendix A. To be conservative, the air quality modeling did not include a solar energy system and building electrification, both of which are required pursuant to BMC Chapter 12.80 and would be included in the project. As shown in the table and in Appendix A, the conservatively modeled modified project's air quality emissions would not exceed BAAQMD construction thresholds, like the original project. Impacts would remain less than significant.

Table 2 Modified Project Air Quality Emissions

	ROG	NOx	PM_{10}	$PM_{2.5}$
Construction Emissions (maximum average daily lb/day)	3	7	0.3	0.3
BAAQMD Threshold (lb/day)	54	54	82	54
Exceed Threshold?	**No**	**No**	**No**	**No**

	ROG	NOx	PM_{10}	$PM_{2.5}$
Project Operational Emissions (tpy)	1	0.5	<0.1	<0.1
Project Operational Emissions (lb/day)	6	3	0.1	0.1
BAAQMD Threshold (tpy)	10	10	15	10
BAAQMD Threshold (lb/day)	54	54	82	54
Exceed Threshold?	**No**	**No**	**No**	**No**

ROG = reactive organic gases; NOx = nitrous oxides; CO = carbon monoxide; PM_{10} = particulate matter less than 10 microns in diameter; $PM_{2.5}$ = particulate matter less than 2.5 microns in diameter; lb/day = pounds per day; tpy = tons per year

Source: Appendix A

From a construction standpoint, exhaust emissions from construction equipment would be similar to or reduced as compared to the original project due to the use of newer and more efficient equipment. Construction equipment would be equipped with Tier 2 or higher engines and the most effective Verified Diesel Emission Control Strategies available (likely Tier 4) pursuant to standard condition of approval, *Air Quality – Diesel Particulate Matter Controls During Construction*. The proposed building under the modified project would have ten floors, as compared to five floors under the original project. Despite the increased building height, the construction period for the modified project would be roughly the same as the original project (18 months). Modular construction may be employed for the modified project, but site preparation and air quality would be substantially the same as for traditional construction. Fugitive dust generated during construction would be similar to the amount estimated under the original project, considering that the project site and area of grading would be the same size. Given the similar construction period and use of more efficient construction equipment, emissions from construction would be similar to those of the original project and below BAAQMD thresholds, as shown in Table 2.

Operationally, the modified project would have 122 more units and, thereby, accommodate more residents. More residents would lead to higher mobile emissions, but that would be reduced by the reduction in parking spaces. A reduction in parking spaces would encourage residents to use transit or active transportation instead of driving; proximity to the Ashby BART station, multiple bus lines and major employment and institutional areas (UC Berkeley and Downtown) would further facilitate alternative modes. Additionally, vehicles have become more fuel efficient since certification of the 2018 Final IS-ND, due to altered fuel standards (such as stricter Corporate Average Fuel Economy standards) and increased market share of hybrid and electric vehicles. The 2017 average required fuel economy for passenger vehicles was 36.7 miles per gallon, compared to the 2022 average required fuel economy which is 40.6 miles per gallon (National Highway Traffic Safety Administration 2022). The original project would have adhered to 2016 CALGreen, while the modified project would be required to adhere to the California Energy Commission 2022 Energy Code and 2022 CALGreen including all local amendments, which require more energy-efficient building materials and appliances. Furthermore, the building would be all-electric, in compliance with the City's Natural Gas Prohibition, unlike the original project, which would have included natural gas hookups. Electricity delivered to the building constructed under the modified project would be through East Bay Community Energy (EBCE) which uses 100 percent wind and solar energy and purchases a higher percentage of energy from renewable sources than Pacific Gas & Electric (PG&E), which would have delivered energy under the original project (EBCE 2022). Overall, operational emissions would be like those analyzed under the original project and would remain below BAAQMD thresholds, as shown in Table 2.

The modified project does not include new facilities that would emit substantial quantities of toxic air contaminants or odors not identified in the 2018 Final IS-ND. The prior analysis conducted in the 2018 Final IS-ND remains adequate, and no new impacts would occur because of changes to the original project. The modified project would not introduce any new or substantially more severe significant impacts related to air quality and would be consistent with the impact analysis provided in the 2018 Final IS-ND.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to air quality, and no new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, like the original project, and no significant new or substantially increased air quality impacts would occur.

4.4 Cultural Resources

Impacts Identified in the 2018 Final IS-ND

As discussed in Section 5.5, *Cultural Resources,* of the 2018 Final IS-ND, the project site does not contain historical resources. The existing gas station building was evaluated and recorded on California Department of Parks and Recreation (DPR) Series 523 Forms by Bridget Maley from architecture + historic, LLC in November 2015. Maley concluded that the gas station building is ineligible for listing in the California Register of Historical Resources under any criteria for significance at the national, state, or local level. She also concluded it was ineligible for listing as a City of Berkeley Landmark or Structure of Merit for lack of significance under any eligibility criteria. Berkeley's Landmarks Preservation Commission (LPC) considered a use permit for the existing gas station structure as part of the original project in May 2016 pursuant to Berkeley Municipal Code Section 23C.08.505.C, which requires a use permit for projects that propose demolition of a non-residential building that is 40 or more years old. The Commission reviewed the DPR forms and took no action, thereby agreeing with the conclusions presented in the evaluation and finding that no eligible historical resources are present on the site. The existing gas station was therefore determined to not qualify as a historical resource pursuant to Section 15064.5(a) of the *CEQA Guidelines*. The original project would result in no impact to historical resources as a result.

Additionally, the 2018 Final IS-ND stated that the project site does not include known archaeological or paleontological sites. Though unlikely, the 2018 Final IS-ND concluded that it is possible archaeological resources could be identified during ground disturbing activities during construction under the original project. The 2018 Final IS-ND stated that pursuant to State law, if potential subsurface resources or human remains were encountered, all work would be halted and the City would be notified. Necessary measures, consistent with State law, such as consulting with a qualified archaeologist would take place. Therefore, impacts of the original project on archaeological resources and human remains would be less than significant.

Impacts of the Modified Project

A review of the DPR forms and LPC record relating to the existing gas station was completed in October 2022 by Rincon Consultants, Inc. cultural resources professionals, and no information was

found to suggest that a finding of eligibility for the property is now warranted. Therefore, the project site does not include historical resources and the modified project would result in no impact to historical resources, like the original project.

An updated search of the California Historical Resources Information System (CHRIS) was performed by Rincon Consultants, Inc. at the Northwest Information Center at Sonoma State University in Rohnert Park, California on October 25, 2022. The purpose of the records search was to identify previously recorded cultural resources, as well as previously conducted cultural resources studies within the project site and a 0.5-mile radius of the site that were recorded since the 2018 Final IS-ND was completed. The CHRIS search confirmed that no archaeological resources have been identified within or adjacent to the project site. The results of the CHRIS search are included in Appendix B. Rincon contacted the Native American Heritage Commission (NAHC) on October 7, 2022 to request a search of the Sacred Lands File (SLF) for information on potential cultural resources in the project vicinity. NAHC responded to the request on November 10, 2022, stating that the results of the SLF were positive, indicating the presence of cultural resources known to the NAHC within the United States Geological Survey (USGS) *Oakland West* Quadrangle, within which the project site is located. USGS quadrangles cover an area of approximately 50 to 70 square miles and the NAHC does not provide specific locations of cultural resources as part of the SLF search. Therefore, a positive SLF search alone does not indicate the presence of cultural resources within the project site or its immediate vicinity. The CHRIS search did not identify any new recorded archaeological resources and no archaeological resources are known to exist within the project site. Despite the increased height of the modified project from the original project, foundation work would be substantially similar and the extent of excavation for the modified project would remain to the same as the original project. Nonetheless, the potential for construction to reveal previously unknown archaeological resources, paleontological resources, or human remains still exists and the same measures required by State law referred to in the Final IS-ND would apply. Additionally, City standard conditions of approval related to archaeological resources, paleontological resources, and human remains that apply throughout demolition, grading, and construction would be applicable to the modified project. The potential impact to archaeological resources, paleontological resources, and human remains under the modified project would remain less than significant, like the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to historical, archaeological, or paleontological resources, or human remains. No new mitigation measures are necessary.

Conclusion

There would be no impact to historical resources. Impacts to archaeological resources, paleontological resources, or human remains would be less than significant, like the original project.

4.5 Energy

Impacts Identified in the 2018 Final IS-ND

Energy was not included in Appendix G of the *CEQA Guidelines* upon preparation of the IS-ND for the original project in 2017, but energy efficient features of the original project are discussed in the project description, Section 5.3, *Air Quality*, and Section 5.7, *Greenhouse Gas Emissions,* of the IS-

ND. The original project received 146 points on the GreenPoint Rated New Home Multifamily Checklist, exceeding the 50-point minimum requirement and would include green building features including future installation of solar hot water or photovoltaic panels, ENERGY STAR fans and appliances, efficient lighting systems, extensive bicycle facilities, and flow-through stormwater planters.

Wasteful and inefficient energy use of the original project would be minimized from compliance with 2016 CALGreen. Additionally, electricity, natural gas, and fuel demand resulting from construction and use of the original project would be nominal compared to statewide consumption and would decline as renewable energy use increases over time.

Impacts of the Modified Project

Energy use during demolition and construction would be temporary in nature, and construction equipment used would be typical of construction projects in the region, like the original project. Construction equipment would be required to comply with applicable CARB regulations that restrict the idling of heavy-duty diesel motor vehicles and govern the accelerated retrofitting, repowering, or replacement of heavy-duty diesel on- and off-road equipment. Construction contractors would be required to comply with the provisions of 13 California Code of Regulations sections 2449 and 2485, which prohibit diesel-fueled commercial motor vehicles and off-road diesel vehicles from idling for more than five minutes, which would minimize unnecessary fuel consumption. Construction equipment would be subject to the United States Environmental Protection Agency Construction Equipment Fuel Efficiency which would minimize inefficient fuel consumption. These construction equipment standards (i.e., Tier 4 efficiency requirements) are contained in 40 Code of Federal Regulations Parts 1039, 1065, and 1068. Pursuant to applicable regulatory requirements such as 2022 CALGreen and Berkeley Municipal Code Chapter 19.37, the project would be required to comply with construction waste management practices to divert a minimum of 65 percent of construction and demolition debris and to recycle and salvage 100 percent of excavated soil and land-clearing debris, concrete, and of asphalt during construction and demolition activities. These practices would result in efficient use of energy necessary to construct the modified project.

The modified project would include a low-flow irrigation system, an all-electric building, and a rooftop solar (covering a minimum of 15 percent of the roof area) energy system and battery storage. Since the building would be all-electric in compliance with the City's Natural Gas Prohibition, natural gas use would be eliminated while electricity use would be incrementally increased. While the modified project would increase the intensity of development compared to the original project, the removal of automobile parking and updated sustainability features would effectively prevent wasteful or inefficient energy use compared to the original project. Compared to the original project, which would have utilized electricity from PG&E, electricity delivered to the building constructed under the modified project would be through EBCE, which uses 100 percent wind and solar energy and purchases a higher percentage of energy from renewable sources than PG&E (EBCE 2022). Impacts related to wasteful, inefficient, or unnecessary energy consumption would be less than significant, like the original project.

The modified project would be required to adhere to state and local plans for renewable energy and energy efficiency, including the California Energy Commission 2022 Energy Code and 2022 CALGreen including all local amendments, which require more energy efficient building materials and appliances compared to the 2016 CALGreen requirements that would have applied to the original project. The modified project would be consistent with Association of Bay Area Government's Plan Bay Area 2050, by supporting higher density mixed-use development near transit to reduce vehicle

emissions and facilitating walking, bicycling, and transit use, as discussed under Section 4.3, *Air Quality*. Given the modified project's reliance on energy from EBCE, the modified project would be consistent with the 2019 Integrated Energy Policy Report and California Renewable Portfolio Standard. The modified project would be consistent with energy efficient policies in the City's General Plan, such as Policy EM-5, Policy EM-35, and Policy UD-33, which call for green, efficient, and sustainable building design, through compliance with 2022 CALGreen and the City's Natural Gas Prohibition. The modified project would also be consistent with General Plan Policy EM-41, which encourages reduction in fossil fuel use, by not including vehicle parking and the project site's proximity to transit. Overall, impacts related to conflicts with state and local renewable energy and efficiency plans would be less than significant, like the original project. No significant new or substantially increased energy impacts would occur compared to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related energy. No new mitigation measures are necessary.

Conclusion

Impacts to energy would be less than significant, and no significant new or substantially increased energy impacts would occur.

4.6 Greenhouse Gas Emissions

Impacts Identified in the 2018 Final IS-ND

As discussed in Section 5.7, *Greenhouse Gas Emissions*, of the Final IS-ND, the original project would be a transit-oriented residential project less than 0.25 mile from a BART station and adjacent to numerous AC Transit lines. Additionally, the original project would incorporate water efficient landscaping and meet 2016 CALGreen requirements, including accommodation of solar hot water or photovoltaic panels and planting of new street trees. Furthermore, redevelopment of a gas station to a residential use would result in a net reduction in vehicle trips and associated GHG emissions. Therefore, the original project would not conflict with the City's Climate Action Plan and impacts to GHG emissions would be less than significant.

The 2018 Final IS-ND determined that since the original project met the BAAQMD screening threshold as a mid-rise apartment building between three and 10 levels with fewer than 87 dwelling units, and therefore that it would generate emissions below the 2011 BAAQMD *CEQA Guidelines* significance threshold and potential impacts would be less than significant (BAAQMD 2011).

Impacts of the Modified Project

Since the adoption of the original project's IS-ND, the BAAQMD has updated its GHG emissions thresholds of significance. The 2022 BAAQMD thresholds allow two options for projects to meet the significance thresholds: a) include minimum project design thresholds, or b) be consistent with a local GHG reduction strategy that meets the criteria under State *CEQA Guidelines* Section 15183.5(b). The minimum project design elements listed in the adopted BAAQMD thresholds are described below.

For building energy use, BAAQMD minimum design threshold prohibits the use of natural gas appliances and natural gas pipelines. The minimum threshold also requires that building

construction not result in any wasteful, inefficient, or unnecessary electrical usage as determined by the analysis required under CEQA Section 21100(b)(3) and Section 15126.2(b). In addition, the design threshold requires projects to meet a locally adopted SB 743 vehicle miles traveled (VMT) target or achieve the following reductions: a reduction in project-generated VMT per capita at least 15 percent below the regional average for residential and office projects; and no net increase in existing VMT for retail projects. The minimum design thresholds also require CALGreen Tier 2 electric vehicle parking; however, this threshold does not apply to the modified project since it excludes parking entirely.

Like the original project, the modified project would be consistent with the City's Climate Action Plan, which outlines actions to implement in order to achieve a greenhouse gas reduction target of 80 percent below 2000 emission levels by the year 2050, consistent with the State's direction to local governments. In 2018, then-Governor Brown committed California to carbon neutrality by 2045, the Berkeley City Council resolved to become a "Fossil Fuel Free City," and the Council declared a Climate Emergency, all steps to signal the urgency of these ambitious goals and the need to act on climate threats in an equitable manner. The modified project would be consistent with Sustainable Transportation and Land Use Goal 1, which aims to increase density along transit corridors, by providing a 10-story mixed-use building near transit. The modified project would be consistent with Sustainable Transportation and Land Use Goal 2, which aims to foster walking and cycling, by eliminating parking and promote reliance on walking and cycling to reach goods, services, and jobs. The modified project would be consistent with Building Energy Use Goals 1 and 4, which call for green building and renewable energy use, by complying with CALGreen and the City's Natural Gas Prohibition.

The modified project would eliminate natural gas usage by excluding natural gas hookups at the planning stage pursuant to the City's Natural Gas Prohibition and would not include any natural gas infrastructure. The original project would comply with the City's standard condition of approval, *Air Quality – Diesel Particulate Matter Controls During Construction,* which requires use of construction equipment equipped with Tier 2 or higher engines and preparation of a Construction Emissions Minimization Plan to reduce GHG emissions during construction. In compliance with this condition of approval, construction of the modified project would not result in any wasteful, inefficient, or unnecessary electrical usage.

The modified project would meet the SB 743 target. As part of the City's implementation of SB 743 and in accordance with the Technical Advisory on Evaluating Transportation Impacts in CEQA, the City developed the VMT screening approach. The VMT screening criteria for projects in a TPA is applicable to the modified Project:

- Has a Floor Area Ratio (FAR) of more than 0.75;
- Includes less than 200,000 square feet of office or commercial space;
- Includes less parking supply than the project's estimated demand;
- Is consistent with the City's General Plan, an applicable Specific Plan, or an applicable Sustainable Communities Strategy;
- Does not replace affordable residential units with market-rate residential units; and
- Does not have project-specific or location-specific information that indicates that the project will generate significant levels of VMT.

The modified project would have a FAR of 6, would include 1,095 square feet of commercial space, would include no automobile parking, and would add 17 housing units affordable to very-low

income households. Like the original project, the modified project's proposed land uses and development program would be generally consistent with the City's General Plan, as discussed in *Land Use and Planning* in Section 4.8, *Land Use and Planning*. Furthermore, as discussed in *Transportation* in Section 4.13, *Transportation*, the modified project is located in a TPA less than 0.25 mile from the Ashby BART station, and there is no indication that the project would generate significant levels of VMT. Therefore, the modified project would satisfy the TPA criteria and is therefore presumed to meet the City's adopted SB 743 VMT target. In conclusion, the modified project would have a less-than-significant impact when evaluated using the BAAQMD-recommended GHG thresholds of significance.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to GHG emissions, and no new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, like the original project and no significant new or substantially increased GHG emissions impacts would occur.

4.7 Hazards and Hazardous Materials

Impacts Identified in the 2018 Final IS-ND

As discussed in Section 5.8, *Hazards and Hazardous Materials*, of the 2018 Final IS-ND, the project site may contain residual gasoline-related contaminants in groundwater at a depth of 5 to 11 feet below grade surface, according to subsurface data from 2008, 2010, and 2014. There are underground storage tanks (UST) below the project site that would be examined for soil contamination, soil may be tested, and impacted soil around the USTs would be removed if necessary. As a standard condition of approval for the original project, a Soil and Groundwater Management Plan would be prepared and approved by the City's Toxics Management Division. Finally, if a hazardous liquid spill would occur during construction, the City has in place a Local Hazard Mitigation Plan that identifies the Fire Department and Department of Public Works as responders and managers of such spills. Therefore, impacts of the original project on hazards and hazardous materials during construction would be less than significant.

Operationally the original project would not pose a hazards risk. Furthermore, the original project would not impact or be impacted by a school, airport, emergency and evacuation plans, or wildland fire potential.

Impacts of the Modified Project

A Phase I ESA and Phase II ESA were conducted for the modified project in April 2022 and October 2022, respectively, and are included as Appendix C. While prepared after the 2018 Final IS-ND for the original project, conditions related to hazardous materials under the modified project have not changed. As identified in the Phase I ESA, the property is currently being used by Berkeley Gas and Smog, which has operated since 2013 (and has been used as gas service station since 1938 under various owners) and uses and sells typical automotive fluids, like under the original project. The property contains one 500-gallon used motor oil UST, an approximately 20,000-gallon regular unleaded 87 octane gasoline UST, and an approximately 12,000-gallon super gasoline 91 octane

UST. A concrete-filled 2-stage clarifier and evidence of an in-ground hydraulic lift was noted in the smog check station during reconnaissance for the Phase I ESA. There are two closed State Water Quality Control Board GeoTracker investigations on the project site (T0600100094 [closed 2013] and T10000004483 [closed 2014]). Like the original project, no hazardous materials were identified above environmental screening levels in the Phase II ESA. The Phase I ESA considers the existing gas station a *de minimis condition* as it does not generally present a threat to human health or the environment. The Phase I ESA recommends preparation of a Site Management Plan in case contaminated soil is encountered during site development. After soil sampling was completed on September 26, 2022, the Phase II ESA similarly recommends preparation of a Site Management Plan to address health and safety, proper handling, and disposal of USTs and/or contaminated soil if encountered during site redevelopment. Like the original project, the modified project would be required to comply with Berkeley's standard condition of approval for hazardous materials, *Toxics,* which requires preparation of a Soil and Groundwater Management Plan when warranted by site conditions or location that identifies handling and disposal of pollutants, which would include the information requested in the Phase II ESA's recommendation to prepare a Site Management Plan.

The project site setting regarding proximity to schools, airports, and hazardous waste sites[1] has not changed since publication of the IS-ND or as included in the new Phase I ESA. Operationally, as in the original project, residential mixed uses do not typically involve the use of hazardous materials. No significant new or substantially increased hazardous materials impacts would occur compared to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to hazards and hazardous materials, and no new or revised mitigation measures are necessary.

Conclusion

There would be no impact, or impacts would be less than significant, like the original project, and no significant new or substantially increased hazards and hazardous materials impacts would occur.

4.8 Land Use and Planning

Impacts Identified in the 2018 Final IS-ND

Section 5.10, *Land Use and Planning*, of the IS-ND found that the original project would not physically divide an established community. There would be no impact regarding the potential to physically divide an existing community.

The project site is designated as Avenue Commercial in the City's General Plan and is located in the South Area Commercial (C-SA) zoning district. The original project was consistent with the intent of the C-SA district and the Avenue Commercial designation, and generally consistent with General Plan policies. The original project included Use Permit requests to exceed the maximum height requirements and lot coverage requirements. Impacts regarding land use plans and policies would be less than significant with approval of the requested Use Permits.

[1] The following databases were checked for new hazardous waste sites in November 2022: State Water Resources Control Board's GeoTracker, Department of Toxic Substances Control's EnviroStor and Cortese List, and United States Environmental Protection Agency's Envirofacts. No new hazardous waste sites were identified.

Impacts of the Modified Project

Like the original project, the modified project would not physically divide an established community, since it would be on a single site in an infill area and would not include construction of roadways or other physical barriers. There would be no impact regarding the potential to physically divide an existing community.

The modified project is on the same project site as the original project and would not alter the land uses proposed in the original project. The modified project would be a mixed-use building with retail space and a high-residential density near transit opportunities. The modified project would be consistent with the Avenue Commercial designation, which is characterized by "pedestrian-oriented commercial development and multifamily residential structures" and General Plan policies.

The modified project includes density bonus waivers and concessions. The project applicant would comply with the City's Housing Mitigation Fee Ordinance by restricting rental rates according to California's Density Bonus Law. The modified project would include 17 very low-income units in order to qualify for density bonus concessions and waivers (for height, setbacks, floor area ratio) under the Density Bonus Law (Government Code Section 65915), as discussed in Section 2, *Project Description*. No significant new or substantially increased land use and planning impacts would occur compared to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to land use and planning and no new or revised mitigation measures are necessary.

Conclusion

There would be no impact, or impacts would be less than significant, like the original project, and no significant new or substantially increased land use and planning impacts would occur.

4.9 Noise

Impacts Identified in the 2018 Final IS-ND

As discussed in Section 5.12, *Noise*, of the 2018 Final IS-ND, the original project would generate operational noise through vehicle travel, rooftop mechanical equipment, and landscaping activities. Since net vehicle trips would be anticipated to decline compared to existing uses, the original project would not substantially alter current ambient noise levels and could potentially decrease ambient noise levels further south of Ashby Avenue and west of Shattuck Avenue due to the shielding of traffic noise by the proposed building. Regarding construction noise, construction would occur only from 8:00 a.m. and 6:00 p.m. on Monday through Friday, and between 9:00 a.m. and noon on Saturday pursuant to conditions of approval for the original project. Additionally, no excessive vibration from construction equipment, earthmoving, and vertical construction would occur under the original project. The project site is not located within an airport land use plan area or vicinity of a private airstrip. Therefore, impacts to noise and vibration would be less than significant.

Impacts of the Modified Project

Unlike the original project, the modified project would have more vehicle trips than the existing use (see Section 4.14, *Transportation*). The existing use generates approximately 590 average daily trips (ADT), while the modified project would generate approximately 804 ADT. This would increase vehicle trips by 36 percent. Vehicle trips related to the modified project would not increase existing traffic beyond 40 percent, which less than doubles traffic on area roadways. Doubling of traffic noise would result in a 3-dBA increase in noise, which is the threshold of perceptibility. Therefore, the modified project would not result in a perceptible increase in traffic noise, and the noise increase from new trips would not result in a significant traffic noise impact, like the original project. On-site stationary noise sources would be similar as under the original project, such as rooftop mechanical equipment (shielded by a rooftop parapet wall) and landscaping activities. Overall, the modified project would generate similar on- and off-site noise as the original project.

Construction techniques under the modified project would be similar to those under the original project. Modular construction may be employed for the modified project, but site preparation and noise would be substantially the same as for traditional construction. No pile driving is proposed. Vibration levels would be similar to the original project and would be further reduced by compliance with standard condition of approval, *Damage Due to Construction Vibration*. This condition of approval and restrictions in construction hours pursuant to the Berkeley Community Noise Ordinance would ensure vibration impacts on residential receivers and off-site structures would be less than significant, as with the original project. The modified project would be required to comply with the City's standard condition of approval for construction noise, *Construction Noise Reduction*, which requires preparation of a site-specific noise reduction program. In addition, the modified project would comply with standard condition of approval, *Construction Noise Management – Public Notice Required*, which requires circulation of construction notices to businesses and residents within 500 feet of the project site to reduce impacts to sensitive receivers.

The project site remains outside the vicinity of an airport land use plan, public airport, or private airstrip, and no impact would occur, same as for the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to noise, and no new or revised mitigation measures are necessary. Impacts would remain less than significant and would not require mitigation.

Conclusion

Impacts would be less than significant, like the original project, and no significant new or substantially increased noise impacts would occur compared to the original project.

4.10 Population and Housing

Impacts Identified in the 2018 Final IS-ND

The original project would result in the addition of 44 residential units to the project site. The IS-ND found the original project to be generally consistent with the General Plan and Zoning Ordinance, and population growth would not be substantial.

The original project would not induce substantial unplanned population growth nor displace existing housing or people; therefore, no impact would occur.

Impacts of the Modified Project

The modified project would directly increase Berkeley's population by adding 166 residential units to the project site, which is an additional 122 units compared to the original project. Based on the 2022 Department of Finance (DOF) estimate that the average Berkeley household size is 2.17[2] persons per household, the modified project would increase the local population by an estimated 360 persons (DOF 2022). As shown in Table 3, the anticipated population increase as a result of the modified project is 265 persons higher than that anticipated for the original project.

Table 3 Potential Housing and Population Increase

	Residential Units	Population[1]	Affordable Units
Original Project	44	95	4
Modified Project	166	360	17
Increase	**122**	**265**	**13**

[1] The Department of Finance estimates Berkeley's average household size is 2.17 persons per household (California Department of Finance 2022)

The 2022 estimated population for the city is 124,563 residents (DOF 2022). The city is projected to grow to 140,935 residents by the year 2040, representing a growth of 16,372 residents within the timeframe of the City's General Plan buildout (ABAG 2017). Like the original project, the housing and population increase from the modified project falls within the growth anticipated by regional growth projections and the General Plan. The modified project would not include infrastructure improvements that would extend roadways or infrastructure into areas which do not currently support residential or other urban uses. Therefore, the modified project would neither directly nor indirectly increase population growth in Berkeley beyond that planned for by the City in the General Plan, and impacts would be less than significant.

Like the original project, there are no residences on the existing project site, so the modified project would not displace existing housing or people; therefore, no impact would occur regarding the displacement of housing or people.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to population and housing, and no new or revised mitigation measures are necessary.

Conclusion

There would be no impact, or impacts would be less than significant, like the original project, and no significant new or substantially increased population and housing impacts would occur.

[2] While the modified project residential units are studios and would likely be occupied by only one tenant per unit, the 2.17 average persons per household estimate from DOF is used as a conservative estimate.

4.11 Public Services

Impacts Identified in the 2018 Final IS-ND

The original project was estimated to result in an incremental increase in police and fire service calls due to the addition of households and commercial uses, but the IS-ND concluded that this would not result in substantial adverse physical impacts that would require new or expanded facilities. The site is an infill site located approximately 0.4 mile from Fire Station No. 5 at 2680 Shattuck Avenue. Adequate access to the project site is provided for police, fire, and other emergency vehicles from Ashby and Shattuck avenues. Police and fire service capacities exist to adequately serve the original project. The potential impact to police and fire services would be less than significant.

The original project is in the Berkeley Unified School District's (BUSD) Southeast Zone. The project site falls within BUSD's Southeast Zone for elementary schools, which encompasses Emerson, John Muir, LeConte, and Malcolm X. Willard Middle School and Berkeley High School would accommodate public middle school and public high school students from the project. For multifamily housing, the BUSD typically uses a generation rate of 0.5 student per housing unit to estimate the number of students that would be generated by housing units within the City. Using this rate, the original project would generate approximately 22 new students. The project sponsor would pay a required fee to the BUSD to offset the potential impact to school facilities. Impacts to schools would be less than significant.

The original project included over 2,000 square feet of usable open space for recreational use by residents. The increase in the use of nearby parks and public facilities such as libraries would not result in substantial adverse effects or require the construction or expansion of facilities. Impacts would be less than significant.

Impacts of the Modified Project

Section 4.10, *Population and Housing*, found that the modified project would add 166 residential units and therefore would lead to an increase in population of 360 residents, which is an increase of 265 residents compared with the original project. Like the original project, the estimated increase in residential units and residents due to the implementation of the modified project is within General Plan growth projections. Since the modified project, like the original project, would not result in substantial population or housing growth beyond that already anticipated in the General Plan, the modified project would not generate a need for new or expanded facilities to support fire protection and emergency response providers, parks, library services, school, or human health services and these impacts would be less than significant.

Mitigation Measure SVC-4 of the City's General Plan EIR, which requires the City to annually review police staffing development trends and crime trends to determine whether additional police staffing is needed, still applies. Similarly, the Berkeley Fire Department would review new developments for its ability to maintain adequate service in compliance with Mitigation Measure SVC-6a and Mitigation Measure SVC-6b of the City's General Plan EIR. Additionally, the Berkeley Fire Department reviews projects, such as the modified project, for conformance with State and local fire protection and emergency codes. For these reasons, impacts of the modified project related to police and fire protection services and would be less than significant.

The modified project would generate approximately 83 students based on BUSD's generation rate of 0.5 student per housing unit.[3] Like the original project, the project applicant would be required to pay a fee to BUSD to offset potential impacts to school facilities. Therefore, the modified project impacts related to school facilities would be less than significant.

Grove Park, Greg Brown Park, and Halycon Commons are City parks located within 0.5 mile of the project site. Le Conte School Park and Malcom X School Park are nearby parks that are open to the public when school is not in session. While the modified project may increase the use of these facilities, the increase would not cause significant environmental impacts. The modified project would also include 8,516 square feet of open space that can be used by residents for recreation, which is 6,424 square feet more than the original project. Therefore, the modified project would have a less-than-significant impact on park and recreational facilities, like the original project

Like the original project, the estimated increase in residential units and residents due to the implementation of the modified project is within General Plan growth projections. Since the modified project, like the original project, would not result in substantial population or housing growth beyond that already anticipated in the General Plan, the modified project would not generate a need for new or expanded facilities to support fire protection and emergency response providers, parks, library services, school, or human health services and these impacts would be less than significant.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to public services, and no new or revised mitigation measures are necessary.

Conclusion

Impacts would be less than significant, like the original project, and no significant new or substantially increased impacts would occur to public services.

4.12 Recreation

Impacts Identified in the 2018 Final IS-ND

The 2018 Final IS-ND found that the addition of 44 residential units and commercial operations could result in an increased use of parks and recreational facilities but that the increase would not be anticipated to result in physical deterioration. Moreover, the original project includes over 2,000 square feet of open space that could be used by residents for recreation. The increased use of nearby parks would not result in substantial adverse effects or require the construction or expansion of facilities. The original project would include landscape improvements along the sidewalk and frontage of the project but would not include the construction of any recreational facilities. Impacts would be less than significant.

Impacts of the Modified Project

As discussed in Section 4.11, *Public Services,* there are several parks within walking distance (less than 0.5 mile) of the modified project. Like the original project, the modified project may result in the increased use of these parks, but the increase is not anticipated to result in substantial physical

[3] This generation rate is conservative, since all 166 housing units are studios and are unlikely to be occupied by more than two residents.

deterioration of these facilities. The modified project would include 8,516 square feet of open space that can be used by residents for recreation, which is 6,424 square feet more than the original project.

As discussed in Section 4.10, *Population and Housing*, the estimated increase in residential units and residents due to the implementation of the modified project is within General Plan growth projections. Since the modified project, like the original project, would not result in substantial population or housing growth beyond that already anticipated in the General Plan, the modified project would not generate a need for new or expanded recreation facilities. No significant new or substantially increased impacts to recreation would occur compared to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to recreation, and no new or revised mitigation measures are necessary.

Conclusion

Impacts would be less than significant, like the original project, and no significant new or substantially increased impacts would occur to recreation.

4.13 Transportation

Impacts Identified in the 2018 Final IS-ND

A Transportation Impact Analysis was conducted for the original project by Abrams Associates in 2017. The analysis concluded that the original project would result in a net reduction in traffic compared with traffic counts for the existing onsite gas station (reduction of net 92 average daily trips [ADT]).

According to established standards, the original project would not result in significant transportation impacts and no off-site traffic or transportation mitigations would be required. The original project would not conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system and the potential impact would be less than significant.

The original project would not generate 100 or more new peak hour trips, and the project would not exceed, either individually or cumulatively, a level of service (LOS) standard established by the Alameda County Congestion Management Agency for designated roads or highways.

The original project could increase the use of public transportation, but the incremental increase in use would not be expected to decrease the performance of the existing transit systems. The original project included 60 bicycle parking spaces, and the project was found to potentially increase the use of existing bicycle lanes on Adeline Street and Russel Street, but the incremental increase in use would not be expected to decrease the performance of these facilities. The original project's sidewalks and energy access were designed adherent to City standards. The original project would remove three of the four existing curb cuts which would potentially reduce conflicts with roadways, pedestrian and bicycle facilities. The original project would not conflict with adopted City policies supporting alternative transportation and impacts would be less than significant.

Impacts of the Modified Project

Using *Institute of Transportation Engineers 11th Edition Trip Generation Manual*, ITE Code 232, *High-Rise Residential with Ground Commercial,* the modified project would decrease net ADT by 75 ADT, an increase from the original project but an overall reduction from current conditions.[4]

Like the original project, the modified project would not conflict with existing standards regarding the circulation system, including transit, roadway, bicycle and pedestrian facilities. The modified project would not include a parking garage or automobile parking, which would reduce conflicts with roadways, pedestrian and bicycle facilities compared to the original project by removing a vehicle ingress/egress to the building. The modified project would include 62 bicycle parking spaces, like that of the original project and impacts would be less than significant.

Since certification of the 2018 Final IS-ND, the metric for analyzing traffic impacts has changed from LOS to VMT pursuant to SB 743. Therefore, the modified project was not analyzed for LOS impacts. The modified project is located within a TPA as defined in California Public Resource Code, Section 21099. The modified project would also satisfy the City's TPA VMT screening criteria (as discussed in Section 4.6, *Greenhouse Gases)* and is therefore presumed to meet the City's adopted SB 743 VMT target. Impacts to VMT would be less than significant.

Like the original project, the modified project would not incorporate hazardous design features or modify emergency access routes. No significant new or substantially increased transportation impacts would occur compared to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to transportation and no new or revised mitigation measures are necessary.

Conclusion

There would be no impact, or impacts would be less than significant, like the original project, and no significant new or substantially increased transportation impacts would occur.

4.14 Utilities and Service Systems

Impacts Identified in the 2018 Final IS-ND

As discussed in Section 5.18, *Utilities and Service Systems*, of the 2018 Final IS-ND, development of the project on an infill site would not substantially increase water demand or wastewater generation compared to existing conditions, such that new or expanded water or wastewater treatment facilities would be required. The project would connect to the East Bay Municipal Utility District Water (EBMUD)'s existing water delivery and sanitary sewer systems within the vicinity of the site. It is anticipated that these pipelines would have sufficient capacity to support original project water and wastewater flows. Impacts to water demand and wastewater generation would be less than significant for the original project.

[4] Since adoption of the 2018 Final IS-ND, the ITE codes have been updated to reflect more accurate ADTs and land uses. As included in an appendix for the 2018 Final IS-ND, the existing use generates 590 ADT, while the original project would generate 498 ADT using 9th Edition ITE codes. Using 11th Edition ITE codes, the modified project would generate approximately 515 ADT (3.1 ADT per dwelling unit), which is a marginal increase from the original project and less than the existing use.

As mentioned above, the original project would connect to EBMUD, which would have sufficient capacity to meet customer demands in normal and dry periods. EBMUD imposes a system capacity charge on new developments to facilitate system maintenance and the development of new water sources. The project sponsor would be required to pay this fee and undertake water conservation measures. In addition, the project would be required to comply with Section 31 of EBMUD's Water Service Regulations, which require water efficiency measures and appliances to be installed. As a result, the potential impact would be less than significant for the original project.

The original project would include new connections to existing stormwater infrastructure and decrease impervious surfaces on the site by 1,500 square feet compared with the existing use. The project would include drought-tolerant landscaping, stormwater treatment planters, and water-efficient fixtures in residential and commercial kitchens and bathrooms to reduce the demand for and impacts to stormwater infrastructure and would not require the construction or expansion of storm drain facilities offsite. Impacts would be less than significant for the original project.

The original project was within the General Plan buildout assumptions and the original project utilities demand would not exceed the demand anticipated in the General Plan. Compliance with existing requirements and implementation of green building strategies would reduce gas, electricity, and telecommunications utility demands. Impacts would be less than significant for the original project.

There are two permitted landfills in Alameda County with the capacity to accommodate solid waste generated in Berkeley: Altamont Landfill and the Vasco Road Sanitary Landfill. The combined permitted capacity of waste for these two landfills is 95 million cubic yards, which the original project would not exceed. A Waste Diversion Report, including documentation of debris disposal or recycling during all phases of the project, would be required as a standard condition of approval. The project would be required to comply with all federal, State, and local statutes and regulations related to solid waste. Impacts would be less than significant for the original project.

Impacts of the Modified Project

The modified project would have an increased number of residential units, which would result in increased water demand, wastewater generation, electricity demand, telecommunication demand, and solid waste generation compared to the original project. Since the building would be all-electric, natural gas use would be eliminated, while electricity use would be incrementally increased. The increase in electricity demand would be partially offset by the updated sustainability features pursuant to 2022 CALGreen, including an all-electric building and rooftop solar (covering a minimum of 15 percent of the roof area) energy system and battery storage.

The modified project would have reduced lot coverage (see Table 1) compared to the original project, which would result in a decreased amount of impervious surfaces, resulting in slightly reduced stormwater runoff and subsequent demand for stormwater infrastructure. Like the original project, the modified project would include low flow irrigation systems, drought-tolerant landscaping, stormwater treatment planters, and water-efficient fixtures. The modified project would be subject to the same system capacity charges imposed by EBMUD that would have been imposed on the proposed building under the original project.

Like the original project, the modified project and associated utility demands are within the General Plan buildout assumptions. Water demand and wastewater generation would not represent a significant portion of citywide water demand or wastewater generation, at approximately 16,000 gallons per day and 19,200 gallons per day, respectively, and would not require the construction of

new facilities, like the original project, nor exceed EBMUD supply. As of 2019, Altamont Landfill has not yet set a capacity for disposal of solid waste from Alameda County (WM 2022). Solid waste generated by residents of the modified project would add incrementally to disposal at Vasco Road Landfill and Altamont Landfill, but this increase would not cause capacity to be exceeded. Additionally, pursuant to SB 1383, organic waste disposal targets have increased to 75 percent of 2014 levels by 2025, greater than the 50 percent 2020 target, analyzed under the original project. Compliance with existing requirements and implementation of green building strategies would reduce energy demands. Impacts would be less than significant, like the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to utilities and service systems, and no new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, like the original project and no significant new or substantially increased utilities impacts would occur compared to the original project.

4.15 Other Impacts

As the modified project would occur on the same project site as the original project and foundation work would not be substantially different from that proposed for the original project, the following topics require only a brief discussion to compare impacts and assess whether new or increased significant impacts would occur. The previously identified impacts from the original project are described below, with analysis based on the modified project following.

Agriculture and Forestry

2018 Final IS-ND Impact Summary

Section 5.2, *Agriculture and Forestry Resources*, of the 2018 Final IS-ND determined that there are no agricultural resources, Williamson Act-contracted land, or forest land located on or near the project site. The California Department of Conservation classifies the site and all surrounding properties as "Urban and Built-Up Land." The site's urban zoning designation would not change. The original project would have no impact on agriculture or forestry resources.

Impacts of the Modified Project

The project site is the same for the modified project as for the original project. The project site remains in an urban, developed area, with no designated agricultural land or forest land on or adjacent to the site. No significant new or substantially increased agriculture and forestry impacts would occur compared to the original project.

Biological Resources

2018 Final IS-ND Impact Summary

Section 5.4, *Biological Resources*, of the 2018 Final IS-ND determined that the original project site is within an urban area and has no natural vegetation, habitat for special-status species, wetlands, or riparian habitats. The project site does not provide a suitable corridor for wildlife movement. The

project would add drought-tolerant landscaping on-site and street trees consistent with City Arborist requirements and recommendations. No conflict with local policies or ordinances protecting biological resources, including trees, would occur. Potential impacts would be less than significant.

No adopted Habitat Conservation Plans, Natural Community Conservation Plans or other approved local, regional, or state habitat conservation plans apply to the project site. No impact would occur.

Impacts of the Modified Project

The project site is the same for the modified project as for the original project. The site does not contain riparian areas, wetlands, or other habitat suitable for special-status species. While the modified project would be taller compared to the original project, the increased height would not impact wildlife movement, specifically birds, given the prevalence of structures of similar height in the vicinity. No significant new or substantially increased biological resource impacts would occur compared to the original project.

Geology and Soils

2018 Final IS-ND Impact Summary

Section 5.6, *Geology and Soils*, of the 2018 Final IS-ND found that the original project site is relatively flat, with limited grading required to excavate for utilities and construct the drainage, landscaping, and structure on the site. Construction activities for the original project would include excavation, utility trenching, mat foundations, vertical construction, and installation of pavement and landscaping; no impact pile driving would occur.

The 2018 Final IS-ND concluded that seismically-induced ground shaking and expansive soils would not be a substantial hazard on the original project site. The original project would be required to comply with applicable codes and standards regarding earthquake resistant design, recommendations in the geotechnical design to reduce impacts associated with expansive soils, and drainage recommendations as a condition of approval. As a result, the potential impact to expose people or structures to substantial adverse effects would be less than significant.

Grading, excavation and trenching for utility lines could increase the rate of erosion. The original project would be required to comply with stormwater erosion control measures during design, construction and implementation phases of the project. With best management practices in place, impacts would be less than significant. No septic systems or alternative wastewater disposal systems were proposed as part of the original project. There would be no impact regarding alternative wastewater disposal.

As discussed in Section 5.5, *Cultural Resources*, of the 2018 Final IS-ND, the project site is not located in an area identified as having paleontological resources.

Impacts of the Modified Project

The modified project would be on the same site as the original project. The modified project would have a height of 113 feet and 10 inches, which is 56 feet and 11 inches taller than the original project. Despite increased height of the project, site preparation, construction procedures, and proposed utility connections would remain like the original project; no pile driving would be required. Modular construction may be employed for the modified project, but site preparation would be substantially the same as for traditional construction.

Since the modified project is on the same site as the original project, no significant new or substantially increased seismically-induced ground shaking, ground failure, or landslides impacts would occur compared to the original project. Like the original project, the modified project would be required to comply with applicable codes and standards, geotechnical design recommendations, earthquake resistant design and drainage recommendations as well as applicable stormwater erosion control measures to ensure that potential earthquake, erosion, and soil instability impacts would be less than significant. Like the original project, no septic tanks or alternative wastewater systems would be installed for the modified project.

Since the modified project is on the same site as the original project, it remains in an area not identified as having paleontological resources.

No significant new or substantially increased impacts to geology and soils would occur compared to the original project.

Hydrology and Water Quality

2018 Final IS-ND Impact Summary

Section 5.9, *Hydrology and Water Quality*, of the 2018 Final IS-ND found that compliance with the Alameda Countywide Clean Water Program National Pollutant Discharge Elimination System (NPDES) Permit, including C.3 provisions and implementation of best management practices appropriate to on-site activities would limit the discharge of pollutants to storm drains and reduce water quality impacts. As a standard condition of approval, the original project would incorporate stormwater controls to enhance water quality. As discussed in Section 4.7, *Hazards and Hazardous Materials*, USTs uncovered during construction would be handled properly to avoid water contamination. Operationally, the original project would include stormwater planters to treat runoff. Furthermore, the original project would reduce impervious surfaces by approximately 1,500 square feet, improving water infiltration. Overall, the original project would have a less-than-significant impact on water quality and drainage.

The original project would not use groundwater, place housing in a flood hazard area, nor expose residents to dam failure or coastal hazards, and impacts regarding thresholds would be less than significant.

Impacts of the Modified Project

The modified project would continue to require coverage under the City's NPDES Permit and comply with the same standard condition of approval. The modified project would have a slightly reduced impact related to groundwater recharge and impervious surfaces, as the footprint of the building would be smaller and include more pervious surfaces. The project site remains outside a 100-year flood zone and not near water bodies that could result in impacts related to tsunami, seiche, or near mudflow. No significant new or substantially increased hydrology or water quality impacts would occur compared to the original project.

Mineral Resources

2018 Final IS-ND Impact Summary

Section 5.11, *Mineral Resources*, of the 2018 Final IS-ND found that the original project site is urbanized and not known to contain any mineral resources. There would be no impacts to mineral resources.

Impacts of the Modified Project

The project site remains in an urbanized area without known mineral resources of value. No significant new or substantially increased mineral resource impacts would occur compared to the original project.

Tribal Cultural Resources

2018 Final IS-ND Impact Summary

The 2018 Final IS-ND determined that the original project would be in an urbanized area with no known cultural resources.

California Assembly Bill (AB) 52 of 2014 establishes a formal consultation process for California tribes regarding tribal cultural resources. Pursuant to AB 52, the City of Berkeley prepared and sent a formal notification in accordance with the provisions of AB 52 to Andrew Galvan, of The Ohlone Tribe Inc. on May 9, 2017, who alerted the City on May 19, 2017 that no consultation was requested. As a result, the original project would have a less-than-significant impact with respect to tribal cultural resources.

Impacts of the Modified Project

Addenda do not require AB 52 consultation. The modified project is located at the same project site as the original project. No cultural resources of Native American origin were identified on-site. If cultural resources of Native American origin are identified, relevant portions of AB 52 would apply. Additionally, the City's standard condition of approval, *Halt Work/Unanticipated Discovery of Tribal Cultural Resources,* would ensure that construction would subside if a tribal cultural resource were discovered. No significant new or substantially increased tribal cultural resources impacts would occur compared to the original project.

Wildfire

2018 Final IS-ND Impact Summary

Section 5.8, *Hazards and Hazardous Materials*, of the 2018 Final IS-ND found that wildlands do not exist within or adjacent to the project site, and there would be no impact regarding risks involving wildland fires. The project site is within a completely urbanized area, approximately 1 mile from the Berkeley hills. Development of the original project would therefore not increase exposure to wildland fire hazards in any significant way. Such hazards cannot be completely ruled out because, historically, wildland fires in the undeveloped hillsides east of the Downtown Area have threatened the area. However, the original project would not expose people or structures to a significant risk of loss, injury or death involving wildland fires, and this impact would be less than significant.

Impacts of the Modified Project

The nearest Very High Fire Hazard Severity Zone is located approximately 1 mile from the modified project site (California Department of Forestry and Fire Protection 2007). Although the site is near a Very High Fire Hazard Severity Zone, the immediate surrounding area is developed with urban land uses and is generally flat and not sloped. The modified project would not increase wildfire impacts compared to the original project, nor would it cause significant effects related to wildfire, and it would not impede the implementation of an emergency response or evacuation plan, like the original project. No significant new or substantially increased wildfire impacts would occur compared to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to agriculture and forestry, biological resources, geology and soils, hydrology and water quality, mineral resources, tribal cultural resources, and wildfire. No new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, like the original project.

5 Conclusion

As discussed in detail in the preceding sections, potential impacts associated with the modified project are consistent with potential impacts characterized and mitigated for in the 2018 Final IS-ND. Substantive revisions to the 2018 Final IS-ND are not necessary because no new significant impacts or significant impacts of substantially greater severity than previously described would occur because of the modified project. Although this addendum includes an analysis of energy, tribal cultural resources, and wildfire, which were not included in the 2018 Final IS-ND, no significant impacts were found to occur. Thus, the conditions outlined in *CEQA Guidelines* Section 15162(3)(A) and (D) requiring preparation of a subsequent EIR would not be met.

Based on the analysis contained herein, the following determinations are applicable:

- No further evaluation of environmental impacts is required for the modified project.
- No subsequent EIR is necessary pursuant to *CEQA Guidelines* Section 15162.
- This addendum is the appropriate level of environmental analysis and documentation for the modified project pursuant to *CEQA Guidelines* Section 15164.

Pursuant to *CEQA Guidelines* Section 15164(c), this addendum will be included in the public record for the 2018 Final IS-ND. Documents related to this addendum will be available at the City of Berkeley Planning & Development Department, located at 1947 Center Street in Berkeley, California 94704.

6 References and Preparers

6.1 References

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6.2 List of Preparers

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Appendix A

California Emissions Estimator Model Results

3000 Shattuck Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

3.3. Grading (2023) - Unmitigated

3.5. Grading (2024) - Unmitigated

3.7. Building Construction (2024) - Unmitigated

3.9. Building Construction (2025) - Unmitigated

3.11. Paving (2024) - Unmitigated

3.13. Architectural Coating (2025) - Unmitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.2. Unmitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	3000 Shattuck
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.90
Precipitation (days)	17.0
Location	3000 Shattuck Ave., Berkeley, CA 94705, USA
County	Alameda
City	Berkeley
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1522
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	166	Dwelling Unit	0.29	80,235	4,043	—	468	—
Strip Mall	1.09	1000sqft	0.03	1,095	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Unmit.	1.59	11.1	18.3	0.47	0.44
Daily, Winter (Max)	—	—	—	—	—
Unmit.	33.8	12.6	17.6	0.60	0.55
Average Daily (Max)	—	—	—	—	—
Unmit.	3.22	6.64	10.7	0.28	0.25
Annual (Max)	—	—	—	—	—
Unmit.	0.59	1.21	1.95	0.05	0.05
Exceeds (Daily Max)	—	—	—	—	—
Threshold	54.0	54.0	0.00	82.0	54.0
Unmit.	No	No	Yes	No	No
Exceeds (Average Daily)	—	—	—	—	—
Threshold	54.0	54.0	0.00	82.0	54.0
Unmit.	No	No	Yes	No	No

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	PM10E	PM2.5E
Daily - Summer (Max)	—	—	—	—	—

2023	0.55	5.04	5.79	0.27	0.25
2024	1.59	11.1	18.3	0.47	0.44
Daily - Winter (Max)	—	—	—	—	—
2023	1.31	12.6	11.7	0.60	0.55
2024	1.57	11.4	17.6	0.53	0.49
2025	33.8	6.13	11.3	0.22	0.21
Average Daily	—	—	—	—	—
2023	0.27	2.49	2.60	0.13	0.12
2024	0.95	6.64	10.7	0.28	0.25
2025	3.22	0.58	1.07	0.02	0.02
Annual	—	—	—	—	—
2023	0.05	0.45	0.47	0.02	0.02
2024	0.17	1.21	1.95	0.05	0.05
2025	0.59	0.11	0.20	< 0.005	< 0.005

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Unmit.	6.03	2.45	28.6	0.06	0.06
Daily, Winter (Max)	—	—	—	—	—
Unmit.	5.01	2.70	19.4	0.06	0.06
Average Daily (Max)	—	—	—	—	—
Unmit.	5.25	2.50	22.0	0.06	0.06
Annual (Max)	—	—	—	—	—
Unmit.	0.96	0.46	4.02	0.01	0.01
Exceeds (Annual)	—	—	—	—	—

Threshold	10.0	10.0	—	15.0	10.0
Unmit.	No	No	—	No	No

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Mobile	3.09	1.99	19.0	0.03	0.03
Area	2.92	0.09	9.43	< 0.005	0.01
Energy	0.02	0.37	0.16	0.03	0.03
Water	—	—	—	—	—
Waste	—	—	—	—	—
Refrig.	—	—	—	—	—
Total	6.03	2.45	28.6	0.06	0.06
Daily, Winter (Max)	—	—	—	—	—
Mobile	2.94	2.33	19.3	0.03	0.03
Area	2.05	—	—	—	—
Energy	0.02	0.37	0.16	0.03	0.03
Water	—	—	—	—	—
Waste	—	—	—	—	—
Refrig.	—	—	—	—	—
Total	5.01	2.70	19.4	0.06	0.06
Average Daily	—	—	—	—	—
Mobile	2.75	2.08	17.2	0.03	0.03
Area	2.48	0.05	4.65	< 0.005	< 0.005
Energy	0.02	0.37	0.16	0.03	0.03
Water	—	—	—	—	—

Waste	—	—	—	—	—
Refrig.	—	—	—	—	—
Total	5.25	2.50	22.0	0.06	0.06
Annual	—	—	—	—	—
Mobile	0.50	0.38	3.15	0.01	< 0.005
Area	0.45	0.01	0.85	< 0.005	< 0.005
Energy	< 0.005	0.07	0.03	0.01	0.01
Water	—	—	—	—	—
Waste	—	—	—	—	—
Refrig.	—	—	—	—	—
Total	0.96	0.46	4.02	0.01	0.01

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	PM10E	PM2.5E
Onsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Off-Road Equipment	0.54	5.02	5.57	0.27	0.25
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—
Off-Road Equipment	0.54	5.02	5.57	0.27	0.25
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—

Off-Road Equipment	0.14	1.35	1.50	0.07	0.07
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Off-Road Equipment	0.03	0.25	0.27	0.01	0.01
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Worker	0.02	0.01	0.22	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—
Worker	0.02	0.02	0.20	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	PM10E	PM2.5E
Onsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Off-Road Equipment	1.28	12.6	11.4	0.60	0.55
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Off-Road Equipment	0.12	1.13	1.02	0.05	0.05
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Off-Road Equipment	0.02	0.21	0.19	0.01	0.01
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Worker	0.03	0.03	0.30	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	PM10E	PM2.5E
Onsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Off-Road Equipment	1.19	11.4	10.7	0.53	0.49
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.02	< 0.005	< 0.005
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dust From Material Movement	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Worker	0.03	0.02	0.27	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	PM10E	PM2.5E
Onsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Off-Road Equipment	0.56	5.60	6.98	0.26	0.23
Onsite truck	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—
Off-Road Equipment	0.56	5.60	6.98	0.26	0.23
Onsite truck	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Off-Road Equipment	0.40	4.00	4.98	0.18	0.17
Onsite truck	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Off-Road Equipment	0.07	0.73	0.91	0.03	0.03
Onsite truck	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Worker	0.43	0.30	4.97	0.00	0.00

Vendor	0.01	0.61	0.27	0.01	0.01
Hauling	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—
Worker	0.41	0.38	4.38	0.00	0.00
Vendor	0.01	0.64	0.28	0.01	0.01
Hauling	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Worker	0.29	0.26	3.03	0.00	0.00
Vendor	0.01	0.45	0.19	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Worker	0.05	0.05	0.55	0.00	0.00
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	PM10E	PM2.5E
Onsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Off-Road Equipment	0.52	5.14	6.94	0.22	0.20
Onsite truck	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Off-Road Equipment	0.04	0.41	0.56	0.02	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—

Off-Road Equipment	0.01	0.08	0.10	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Worker	0.39	0.37	4.08	0.00	0.00
Vendor	0.01	0.62	0.26	0.01	0.01
Hauling	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Worker	0.03	0.03	0.32	0.00	0.00
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	PM10E	PM2.5E
Onsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Off-Road Equipment	0.53	4.52	5.32	0.21	0.19
Paving	0.00	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—
Off-Road Equipment	0.53	4.52	5.32	0.21	0.19

Paving	0.00	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Off-Road Equipment	0.22	1.88	2.22	0.09	0.08
Paving	0.00	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Off-Road Equipment	0.04	0.34	0.40	0.02	0.01
Paving	0.00	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Worker	0.06	0.04	0.73	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—
Worker	0.06	0.06	0.64	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Worker	0.02	0.02	0.26	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	PM10E	PM2.5E
Onsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Off-Road Equipment	0.13	0.88	1.14	0.03	0.03
Architectural Coatings	33.6	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.11	< 0.005	< 0.005
Architectural Coatings	3.13	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.02	< 0.005	< 0.005
Architectural Coatings	0.57	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Worker	0.08	0.07	0.82	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Apartments Mid Rise	2.92	1.85	17.7	0.03	0.03
Strip Mall	0.17	0.13	1.32	< 0.005	< 0.005
Total	3.09	1.99	19.0	0.03	0.03
Daily, Winter (Max)	—	—	—	—	—
Apartments Mid Rise	2.78	2.17	18.0	0.03	0.03
Strip Mall	0.16	0.16	1.27	< 0.005	< 0.005
Total	2.94	2.33	19.3	0.03	0.03
Annual	—	—	—	—	—
Apartments Mid Rise	0.48	0.36	2.94	< 0.005	< 0.005
Strip Mall	0.03	0.02	0.20	< 0.005	< 0.005
Total	0.50	0.38	3.15	0.01	< 0.005

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Apartments Mid Rise	0.02	0.37	0.16	0.03	0.03
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total	0.02	0.37	0.16	0.03	0.03
Daily, Winter (Max)	—	—	—	—	—
Apartments Mid Rise	0.02	0.37	0.16	0.03	0.03
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total	0.02	0.37	0.16	0.03	0.03

Annual	—	—	—	—	—
Apartments Mid Rise	< 0.005	0.07	0.03	0.01	0.01
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total	< 0.005	0.07	0.03	0.01	0.01

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Consumer Products	1.74	—	—	—	—
Architectural Coatings	0.31	—	—	—	—
Landscape Equipment	0.87	0.09	9.43	< 0.005	0.01
Total	2.92	0.09	9.43	< 0.005	0.01
Daily, Winter (Max)	—	—	—	—	—
Consumer Products	1.74	—	—	—	—
Architectural Coatings	0.31	—	—	—	—
Total	2.05	—	—	—	—
Annual	—	—	—	—	—
Consumer Products	0.32	—	—	—	—
Architectural Coatings	0.06	—	—	—	—
Landscape Equipment	0.08	0.01	0.85	< 0.005	< 0.005
Total	0.45	0.01	0.85	< 0.005	< 0.005

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—

Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—
Strip Mall	—	—	—	—	—
Total	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Total	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Total	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	PM10E	PM2.5E

Daily, Summer (Max)	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Total	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—
Total	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Total	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Total	—	—	—	—	—
Annual	—	—	—	—	—

Total	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	PM10E	PM2.5E
Daily, Summer (Max)	—	—	—	—	—
Avoided	—	—	—	—	—
Subtotal	—	—	—	—	—
Sequestered	—	—	—	—	—
Subtotal	—	—	—	—	—
Removed	—	—	—	—	—
Subtotal	—	—	—	—	—
—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—
Avoided	—	—	—	—	—
Subtotal	—	—	—	—	—
Sequestered	—	—	—	—	—
Subtotal	—	—	—	—	—
Removed	—	—	—	—	—
Subtotal	—	—	—	—	—
—	—	—	—	—	—
Annual	—	—	—	—	—
Avoided	—	—	—	—	—
Subtotal	—	—	—	—	—
Sequestered	—	—	—	—	—
Subtotal	—	—	—	—	—
Removed	—	—	—	—	—

Subtotal	—	—	—	—	—
—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	7/3/2023	11/15/2023	5.00	98.0	—
Grading	Grading	11/16/2023	1/1/2024	5.00	33.0	—
Building Construction	Building Construction	1/2/2024	2/10/2025	5.00	290	—
Paving	Paving	1/2/2024	7/31/2024	5.00	152	—
Architectural Coating	Architectural Coating	2/11/2025	3/30/2025	5.00	34.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	6.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	6.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	4.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	6.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

Paving	Cement and Mortar Mixers	Diesel	Average	4.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	7.00	81.0	0.42
Paving	Rollers	Diesel	Average	1.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	11.7	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.40	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	7.50	11.7	LDA,LDT1,LDT2
Grading	Vendor	—	8.40	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	120	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	17.9	8.40	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	17.5	11.7	LDA,LDT1,LDT2
Paving	Vendor	—	8.40	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	24.0	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	162,476	54,159	1,643	548	0.00

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Ton of Debris)	Material Exported (Ton of Debris)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	20.5	0.00	—
Grading	0.00	0.00	15.8	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
Strip Mall	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	204	0.03	< 0.005
2024	0.00	204	0.03	< 0.005
2025	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Mid Rise	903	815	679	313,337	4,857	4,383	3,651	1,685,134
Strip Mall	48.5	46.0	22.4	16,219	405	384	187	135,264

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
162475.875	54,159	1,643	548	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Mid Rise	566,301	204	0.0330	0.0040	1,461,476
Strip Mall	9,357	204	0.0330	0.0040	6,240

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	5,894,801	56,141
Strip Mall	81,109	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	43.5	0.00
Strip Mall	1.15	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	7.10	annual days of extreme heat
Extreme Precipitation	7.50	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	0	0	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	1	1	3
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	3.12
AQ-PM	41.3
AQ-DPM	71.9
Drinking Water	4.21
Lead Risk Housing	64.9
Pesticides	0.00
Toxic Releases	57.1
Traffic	60.1
Effect Indicators	—
CleanUp Sites	50.3
Groundwater	78.9
Haz Waste Facilities/Generators	64.8
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	43.9
Cardio-vascular	10.5
Low Birth Weights	59.2
Socioeconomic Factor Indicators	—
Education	7.82
Housing	50.3
Linguistic	11.3
Poverty	48.6

Unemployment	82.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	63.35172591
Employed	86.50070576
Median HI	51.39227512
Education	—
Bachelor's or higher	91.67201335
High school enrollment	100
Preschool enrollment	70.537662
Transportation	—
Auto Access	7.314256384
Active commuting	98.42166046
Social	—
2-parent households	42.60233543
Voting	67.21416656
Neighborhood	—
Alcohol availability	4.516874118
Park access	81.35506224
Retail density	76.22225074
Supermarket access	85.74361607
Tree canopy	53.0347748
Housing	—
Homeownership	28.53843193

Housing habitability	41.30630053
Low-inc homeowner severe housing cost burden	28.02515078
Low-inc renter severe housing cost burden	47.18336969
Uncrowded housing	70.98678301
Health Outcomes	—
Insured adults	78.89131272
Arthritis	67.1
Asthma ER Admissions	41.3
High Blood Pressure	69.1
Cancer (excluding skin)	40.8
Asthma	51.9
Coronary Heart Disease	83.6
Chronic Obstructive Pulmonary Disease	86.1
Diagnosed Diabetes	84.4
Life Expectancy at Birth	60.6
Cognitively Disabled	30.7
Physically Disabled	30.9
Heart Attack ER Admissions	93.1
Mental Health Not Good	76.1
Chronic Kidney Disease	79.8
Obesity	62.5
Pedestrian Injuries	98.1
Physical Health Not Good	87.1
Stroke	75.8
Health Risk Behaviors	—
Binge Drinking	14.4
Current Smoker	77.7

No Leisure Time for Physical Activity	90.4
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	90.9
Elderly	64.7
English Speaking	85.1
Foreign-born	12.2
Outdoor Workers	91.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.7
Traffic Density	46.0
Traffic Access	87.4
Other Indices	—
Hardship	16.6
Other Decision Support	—
2016 Voting	67.6

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	35.0
Healthy Places Index Score for Project Location (b)	85.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

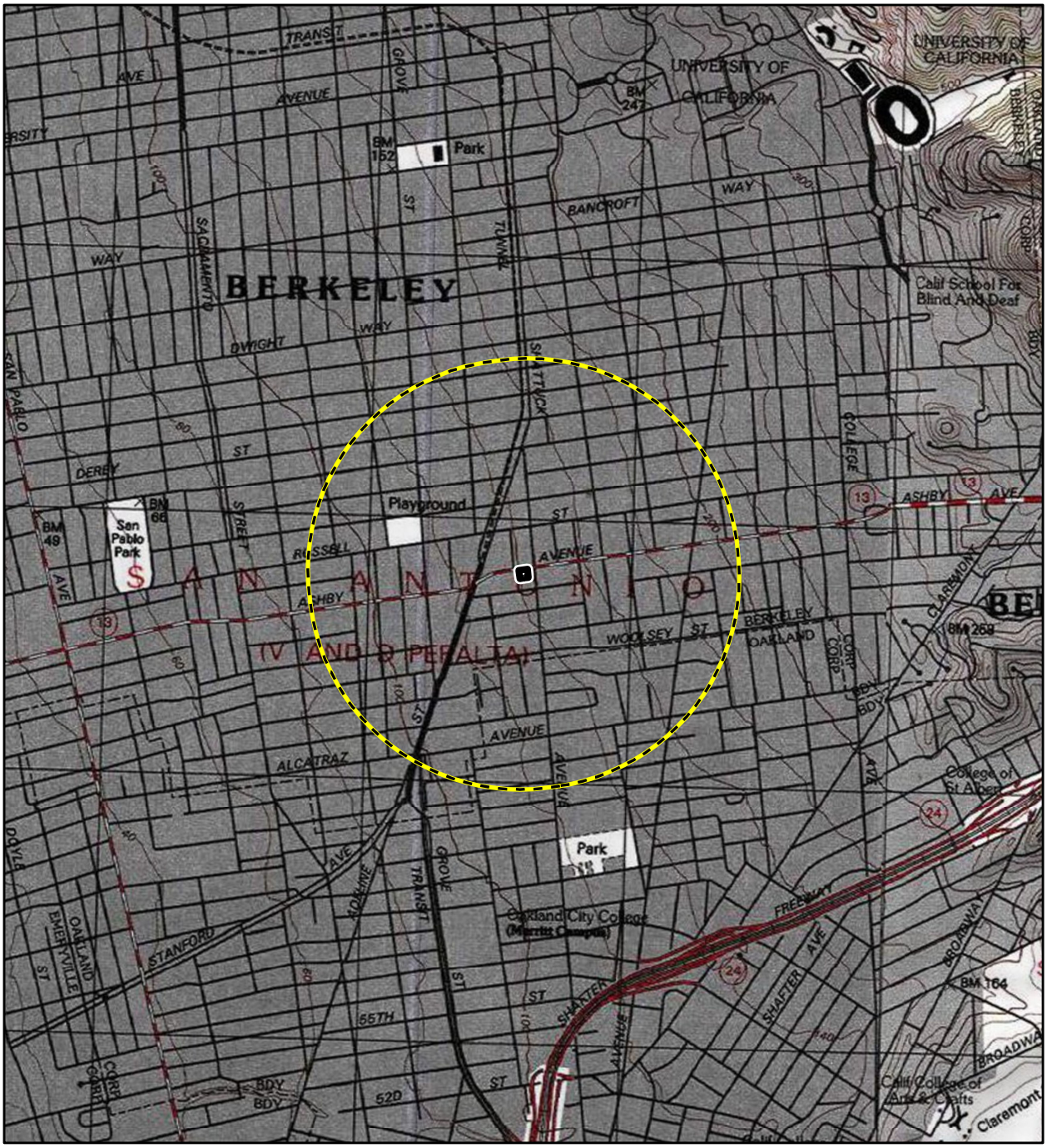
No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Project site plans
Construction: Construction Phases	Applicant provided
Operations: Hearths	no fireplaces or woodstoves

Appendix B

CHRIS Results



Imagery provided by National Geographic Society, Esri, and their licensors © 2022. Oakland West Quadrangle. T01.0S R04.0W S11-14. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

Half-Mile Buffer

Area of Potential Effects

N

0 1,000 2,000 Feet

0 250 500 Meters

1:24,000

Records Search Map

Appendix C

Phase I and Phase II Environmental Site Assessments

https://www.mygemgroup.com

PHASE I
ENVIRONMENTAL
SITE ASSESSMENT REPORT

3000-3008 Shattuck Avenue
Berkeley, CA 94705

Report Date: April 20, 2022

Prepared for

3000 Shattuck Avenue, LLC

Prepared by

GEM Group, Inc.

An Environmental Consulting Firm

April 20, 2022

Mr. Nathan George
3000 Shattuck Avenue, LLC
2343 Stuart Street
Berkeley, CA 94705

Subject: Phase I Environmental Site Assessment for 3000-3008 Shattuck Avenue, Berkeley, CA 94705
Proj. No. 22-14819

Dear Mr. George,

Attached is an electronic copy of the Phase I Environmental Site Assessment (ESA) report completed by **GEM Group, Inc.** for the subject property referenced above. As you will note in the report, our conclusions regarding the environmental condition of the site are summarized both in the ***Executive Summary***, and ***Section 4.0, Findings and Recommendations***.

Please don't hesitate to contact us should you have any questions regarding the results presented in the Phase I ESA report, or if we can be of additional assistance. We look forward to working with you again in the future.

Respectfully yours,

Michael Erving
Junior Geologist

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property.

Jen Moser, P.G.
Environmental Professional

PHASE I
ENVIRONMENTAL
SITE ASSESSMENT REPORT

3000-3008 Shattuck Avenue
Berkeley, CA 94705

Project No. 22-14819

Prepared by

GEM Group, Inc.

https://www.mygemgroup.com

Table of Contents

EXECUTIVE SUMMARY.....ES-1

1.0 INTRODUCTION..... 1-1

1.1 SCOPE OF WORK..... 1-1
1.2 EXCEPTIONS AND/OR DELETIONS..... 1-2
1.3 NON-SCOPE ITEMS..... 1-2
1.4 USER RELIANCE..... 1-2

2.0 SITE DESCRIPTION AND RECONNAISSANCE..... 2-1

2.1 SITE FACTS..... 2-1
2.2 SITE PHOTOGRAPHS..... 2-1
2.3 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS..... 2-1
2.4 SITE RECONNAISSANCE..... 2-2
2.4.1 ONSITE CONDITIONS..... 2-3
2.4.2 GROUND SURFACE CONDITIONS..... 2-4
2.4.3 OTHER ENVIRONMENTAL CONDITIONS..... 2-4
2.5 VISUAL OBSERVATIONS, ADJOINING SITES..... 2-5

3.0 REVIEW OF HISTORICAL INFORMATION AND REGULATORY AGENCY RECORDS..... 3-1

3.1 ARCHIVED AGENCY RECORDS SEARCH..... 3-1
3.1.1 STATE WATER QUALITY CONTROL BOARD..... 3-1
3.1.2 DEPARTMENT OF TOXIC SUBSTANCES CONTROL..... 3-1
3.1.3 CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY..... 3-1
3.1.4 DEPARTMENT OF CONSERVATION, DIVISION OF OIL, GAS, & GEOTHERMAL RESOURCES..... 3-2
3.1.5 DEPARTMENT OF TRANSPORTATION, NATIONAL PIPELINE MAPPING SYSTEM..... 3-2
3.1.6 BAY AREA AIR QUALITY MANAGEMENT DISTRICT..... 3-2
3.1.7 SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD..... 3-2
3.1.8 ALAMEDA COUNTY ASSESSOR'S OFFICE..... 3-2
3.1.9 ALAMEDA COUNTY WATER DISTRICT..... 3-2
3.1.10 ALAMEDA COUNTY PUBLIC WORKS AGENCY..... 3-2
3.1.11 ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH..... 3-2
3.1.12 ALAMEDA COUNTY FIRE DEPARTMENT..... 3-2
3.1.13 CITY OF BERKELEY FIRE DEPARTMENT..... 3-3
3.1.14 CITY OF BERKELEY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT..... 3-3
3.1.15 CITY OF BERKELEY TOXICS MANAGEMENT DIVISION..... 3-3
3.1.16 UST-RELATED DOCUMENTATION..... 3-4
3.2 REVIEW OF REGULATORY AGENCY DATABASES..... 3-6
3.3 REVIEW OF HISTORICAL AERIAL PHOTOGRAPHS..... 3-12
3.4 REVIEW OF HISTORICAL USGS TOPOGRAPHIC MAPS..... 3-12
3.5 REVIEW OF HISTORICAL FIRE INSURANCE MAPS..... 3-13
3.6 REVIEW OF HISTORICAL CITY DIRECTORIES..... 3-13
3.7 PRIOR OR CURRENT AGRICULTURAL LAND USE..... 3-14

3.8 QUESTIONNAIRE AND/OR INTERVIEW 3-14
3.9 ADDITIONAL ENVIRONMENTAL DOCUMENTS 3-14
3.10 PROPOSED REDEVELOPMENT 3-15
3.11 HISTORICAL SITE USE 3-15
3.12 VAPOR INTRUSION GUIDELINES 3-15
3.13 REVIEW OF PRELIMINARY TITLE REPORT 3-16
3.14 IDENTIFICATION OF HISTORICAL DATA GAPS 3-16

4.0 FINDINGS AND RECOMMENDATIONS 4-1

4.1 FINDINGS 4-1
4.1.1 RECOGNIZED ENVIRONMENTAL CONDITION 4-2
4.1.2 HISTORICAL REC 4-2
4.1.3 CONTROLLED REC 4-2
4.1.4 DE MINIMIS CONDITIONS 4-3
4.1.5 BUSINESS ENVIRONMENTAL RISK 4-3
4.2 RECOMMENDATIONS 4-3

5.0 REGULATORY AGENCIES 5-1

6.0 LIMITATIONS 6-1

List of Figures

Figure 1 Site Location Map
Figure 2 Site Plan

List of Appendices

Appendix A Photographs
Appendix B Copies of Records
Appendix C Fire Insurance Maps, City Directories, and Regulatory Agency Databases
Appendix D Resumes

EXECUTIVE SUMMARY

This report presents results of the Phase I Environmental Site Assessment (ESA) conducted by GEM Group, Inc at 3000-3008 Shattuck Avenue, Berkeley, CA 94705 (see **Figures 1 and 2**). The Phase I ESA, Project No. 22-14819, was conducted in accordance with GEM's Standard Terms and Conditions. The findings and conclusions of this Phase I ESA are based on the information collected and available during the timeframe of this project.

GEM has performed this Phase I ESA of the subject property in conformance with the scope and limitations of the *Environmental Protection Agency, Standards and Practices for All Appropriate Inquiries, 40 CFR Part 312* and the standard practice set forth in the *American Society for Testing and Materials (ASTM) Designation: E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*." Any exceptions to, or deletions from, these practices are described in Section 1.2 of this report.

The subject property is developed with one 1-story commercial building and two canopy structures on a 0.31-acre lot. The remaining portion of the subject property is asphalt-paved parking and concrete pavement. The general area and immediate vicinity of the subject property is occupied by residential and commercial properties.

During the site reconnaissance, the subject property was occupied by Berkeley Gas and Smog, as gas station/convenience store/smog check station. New retail containers of automotive oils and other fluids were available for sale within the convenience store portion of the subject property. There were a total of four concrete dispenser islands with individual pumps mounted on each of the islands. The subject property has one 500-gallon used motor oil underground storage tank (UST), a ~20,000-gallon regular unleaded 87 octane gasoline UST, and a ~12,000-gallon super gasoline 91 octane UST. A concrete-filled 2-stage clarifier and evidence of an in-ground hydraulic lift was noted in the smog check station.

Historical sources show the subject property as undeveloped land in 1911. Historical sources showed the subject property as a service station since at least 1938. A residence later converted to commercial use was located at the southern portion of the subject property, 3008 Shattuck Avenue, from at least 1911 through 1964. The existing building was reportedly completed in 1959, with existing site configuration shown since 1968. Historical addresses include 2098 Ashby Avenue.

The State Water Quality Control Board's Geotracker website identifies two separate closed investigations associated with the onsite gas station at the subject property, leaking UST (LUST) case (T0600100094) closed February 14, 2013, and Spills, Leaks, Investigation & Cleanup (SLIC) case (T10000004483) closed September 3, 2014. Arco began investigation in 1991 (T0600100094). Initial soil sampling indicated elevated concentrations of total petroleum hydrocarbon (TPH) gasoline, and benzene, toluene, ethylbenzene, and xylene (BTEX) constituents. Oxygen release compound socks were placed in wells from the third quarter 1996 to the first quarter 1997. Groundwater monitoring was also conducted.

In 2000, during removal of three 12,000-gallon gasoline USTs, free product was noted in the excavation pit. Approximately 400 gallons of nonhazardous oil and water was removed, and 1,200 gallons of nonhazardous water was extracted from the UST excavation area and transported offsite. Approximately

1,416 tons of soil was over-excavated from the UST tank pit, northern-most dispenser island and product piping trenches. The current two gasoline USTs were installed in 2000.

A 2010 closure summary report identified groundwater monitoring at offsite downgradient well with low levels of fuel constituents. Detections were below the 2019 San Francisco Bay Regional Water Quality Control Board's (SFBRWQCB) groundwater vapor intrusion residential environmental screening levels (ESLs) except for benzene which slightly exceeded its ESL. The closure report indicated that remediation through site upgrades, equipment removal and associated over-excavations, and natural attenuation have proven to be effective for removing on-site contamination. In 2014, all wells were removed via jack hammer and patched with concrete. The City of Berkeley Toxics Management Division (TMD) issued a no further action letter on February 14, 2013 (T0600100094). The Geotracker website identified post-closure management requirements including no excavation of contaminated soils without agency review and approval, no groundwater extraction at any depth without approval, notify prior to change in land use, notify prior to subsurface work.

On October 27, 1993, an in-ground hydraulic lift was reported leaking. Further investigation found water around the hydraulic lift with no oil leaks. Based on date of report, this appears to have been associated with investigation T10000004483. A new release was also discovered during groundwater monitoring activities in October 2007. A sample collected from impacted well (A-2) in January 2008 indicated that the carbon range distribution in the free product sample resembled mineral oil. The City of Berkeley TMD requested additional investigation in December 2012 to address the potential new release (mineral oil) presumably associated with the onsite hydraulic lift. In March 2014, groundwater monitoring showed low-level detections of fuel-related constituents in one onsite and one offsite well. On September 3, 2014, the SFBRWQCB issued a No Further Action letter (T10000004483) stating that the investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

In June 1992, the onsite 2-stage clarifier was closed. Soil samples showed constituents below their respective ESLs.

There were no records/listings from various regulatory agencies that identify the potential for adverse environmental impact from adjoining properties. The general area is occupied by facilities that store, use, and generate hazardous waste/materials and under regulatory oversight. There are no documented violation or ongoing investigations that may have a potential environmental impact on the subject property.

There are no *recognized environmental conditions* (*RECs)* identified at the subject property. A *REC* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

The LUST-Closed [T0600100094] and SLIC-Closed [T10000004483] cases are *historical RECs. Historical REC* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

The onsite gasoline service station is a *de minimis condition.* A *de minimis condition* generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *RECs* nor *controlled RECs.*

Given the findings and conclusions of this Phase I ESA, GEM recommends no further investigation at this time. However, since the subject property is an active gasoline service station with plans for residential redevelopment, GEM recommends preparation of a Site Management Plan if in the event contaminated soil is encountered during site redevelopment.

1.0 INTRODUCTION

The purpose of this Phase I Environmental Site Assessment (ESA) is to assess (1) the likelihood of contamination at the subject property as a result of either past or present land-use practices; and (2) the potential for future environmental contamination which may occur as a result of current conditions or operations and maintenance activities at either the subject property or properties adjoining the subject property, thereby identifying real or potential environmental or economic impact to the subject property. In this way, the client may satisfy a requirement to qualify for the innocent landowner defense to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability by completing "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial and customary practice."

1.1 SCOPE OF WORK

To meet the objectives stated above, GEM has performed this Phase I ESA of the subject property in conformance with the scope and limitations of the *Environmental Protection Agency, Standards and Practices for All Appropriate Inquiries, 40 CFR Part 312* and the standard practice set forth in the *American Society for Testing and Materials (ASTM) Designation: E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*." Any exceptions to or deletions from these practices are described in Section 1.2.

The scope of work for the Phase 1 ESA includes the following tasks:

1. Perform a reconnaissance of the subject property for significant surficial signs of chemical release, improper storage of hazardous materials, and surface indications of the presence of underground storage tanks (USTs) or water wells.

2. Provide off site research into the past land use of the subject property.

3. Review locally available aerial photographs for obvious surficial features indicative of past land use. Review available USGS topographic maps, fire insurance maps, and local telephone directories.

4. Review Federal, State and Local Agency files (available during the time frame of this project) for fuel leak and chemical release lists indicating soil and groundwater contamination cases within a ¼ mile radius to the site, as made available through the above-mentioned agency files.

Based on ASTM E1527, Federal, State, and other regulatory agency guidelines, the following presumptions were in force during site reconnaissance and/or evaluation of the subject property for specific hazardous substances:

- Use of asbestos in many products was banned in 1993; however, several categories of building products were not subject to the ban. Thus, existing and even new buildings may lawfully contain asbestos containing building material (ACBM).

- Use of lead-based paint (LBP) for residential use was prohibited in 1978 in concentrations greater than 0.06 percent lead by weight. It should be noted that the use of LBP in commercial and industrial buildings has not been prohibited.
- Fluorescent light ballasts will be considered PCB-free and will not be noted in the report regardless of their date of manufacture, unless GEM is instructed to do otherwise in writing by the client.
- Electrical transformers installed after 1979 must contain less than 50 parts per million of PCB (this is the requirement for the classification, “PCB non-contaminated”).

GEM also conducted a "drive-by" survey of the adjoining properties to note the operations which may pose an imminent or potential environmental threat to the subject property.

1.2 EXCEPTIONS AND/OR DELETIONS

There are no known exceptions or deletions.

1.3 NON-SCOPE ITEMS

Evaluation of non-scope items is not required or relevant for compliance with the all appropriate inquiries (AAI) Rule or E1527. Inclusion of any non-scope item in a Phase I report is entirely within the discretion of the user based on its own risk tolerance.

Non-scope items include, but not limited to, ACBM, biological agents, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, mold, radon, LBP, and lead in drinking water.

1.4 USER RELIANCE

This report was prepared for the sole use and benefit of **3000 Shattuck Avenue, LLC** (client), and is based, in part, upon documents, writings, and information owned and possessed by our client. Neither this report, nor any of the information contained herein, shall be used or relied upon for any purpose by any person or entity other than our client.

2.0 SITE DESCRIPTION AND RECONNAISSANCE

The subject property is developed with one 1-story commercial building and two canopy structures on a 0.31-acre lot. The remaining portion of the subject property is asphalt-paved parking and concrete pavement. The subject property is occupied by Berkeley Gas and Smog. The subject property has gas station, convenience store, and smog check operations.

2.1 SITE FACTS

Address Provided by Client:	**3000-3008 Shattuck Avenue, Berkeley, CA 94705**
Historical Addresses:	2098 Ashby Avenue
Assessor's Parcel Number:	53-1592-1 & 53-1592-2
Total Sq. Ft of Parcel (approximate):	13,561 (0.31-acres)
Total Number of Existing Structures:	3 (including dispenser canopies)
Total Sq. Ft. of Buildings (approximate):	1,168
Date Oldest Building was Built:	1959
Total Number of Floors:	1
Basement:	None
Floor Type:	Concrete Slab
Improvements:	Parking lot and concrete pavement
Current Occupants:	Berkeley Gas and Smog
Use:	Gas Station/Convenience Store/Smog Check Station
Total Number of Units Visually Inspected:	All
Areas/Units that were inaccessible:	None
Were enough (units/offices/buildings/acres) visually inspected to ensure that the site reconnaissance was homogenous?	Yes
Potable Water:	Public System
Sewage:	Public System
Power:	Electric

Figure 1, Site Location Map, and **Figure 2**, Site Plan, are attached for reference.

2.2 SITE PHOTOGRAPHS

A number of photographs were taken to document the current condition and use of the subject property. The photographs with descriptions can be found in **Appendix A.**

2.3 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

GEM reviewed pertinent, reasonably ascertainable information on the soil types and groundwater conditions in the vicinity of the subject property. The research does not include the investigation of seismological concerns (i.e., fault lines) that may affect the area of the subject property. Although the existence of faults in an area may be of concern to property owners and residents in that area, it is not

considered to be an environmental concern, and so is not usually a component of a Phase I ESA.

The elevation of the subject property is approximately 144 feet above mean sea level. The general area is underlain by Pleistocene to Holocene age sediments of gravel, sand, silt, and clay. The subject property is in the Santa Clara Valley Groundwater Basin, East Bay Plain Subbasin. Groundwater is primarily used for municipal, domestic, and irrigational purposes.

Well Destruction reports for the subject property, 3000 Berkely Avenue, from 2015 indicated that depth to groundwater was encountered at approximately 5 to 11 feet below ground surface (bgs) with a flow direction towards the northwest-southwest.

It should be noted that these information is taken from reports for investigations conducted at other properties in the general vicinity and may not be representative of conditions at the subject property. It should be noted that the flow direction and depth of groundwater may be influenced by rainfall, tidal activity (shore properties), and local groundwater pumping operations. It should also be noted that shallower, unreported, perched groundwater zones may occur in the immediate site vicinity.

2.4 SITE RECONNAISSANCE

A visual site reconnaissance of the subject property was conducted on March 15, 2022 to identify observable signs of environmental impairments, including on-site operations and maintenance activities which may lead to possible environmental impairment.

As a part of the site reconnaissance the subject property was visually inspected for obvious indications of the following:

DESCRIPTION	COMMENT
Aboveground Storage Tanks (AST)	None
Back-up Power Generators (diesel, battery, natural gas)	None
Chemical/Hazardous Materials Storage Area	Yes, See Section 2.4.1 below
Creeks/ Canals	None
Debris or Debris Stockpile	None
Dispenser Islands, Concrete Pads, and/or Cradles (Fuel)	Yes, See Section 2.4.1 below
Dry Cleaner (drop-off, onsite)	None
Electrical Transformers (pole or ground)	None, pole mounted transformer northwest of subject property, no environmental concerns.
Evidence of Soil Borings	None
Evidence of Soil Excavation	None
Fill Materials	None
Drains (trench drains, proximity to HazMat/ waste)	None
Floor Staining or Corrosion (inside)	Yes, See Section 2.4.1 below
Forklift (type)	None
Grease Drum	None
Grease Trap	None
Health and Safety Issues (e.g. molds, standing water)	None

DESCRIPTION	COMMENT
Heating/Cooling Systems	Yes, standard systems, no environmental concerns
Hydraulic Hoists/Elevator (No./Type)	Yes, in-ground hydraulic lift hardware observed in smog check station area. This lift is not utilized by onsite tenants. See Section 3.1.16.
Industrial Wastewater	None
Loading Dock (drain)	None
Odors	None
Oil Burners/Furnace	None
Oil-Water Separator/Clarifier	Yes, closed, See Section 3.1.16.
Patches (concrete, asphalt)	Yes, See Section 2.4.1 below
Petroleum Containers (No./size/type)	None
Pipes of Unknown Uses	None
Pits, Ponds, or Lagoons	None
Pools of Liquid	None
Railroad, spurs	None
Septic Systems	None
Stained Soil or Pavement	Yes, See Section 2.4.2. below
Stockpiled Soil	None
Storm Drains/ Catch Basins	Yes, throughout/adjoining the property, there was no visible staining from possible improper liquid disposal
Stressed Vegetation	None
Sump	None
Underground Storage Tanks	Yes, See Section 2.4.1 below
Unidentified/Abandoned Containers	None
Well, Type?	Yes, See Section 2.4.1 below

The compliance review is not intended as a comprehensive compliance audit. Rather, the compliance review is only intended to aid GEM in determining the likelihood that the subject property may have been impacted by releases of hazardous substances.

2.4.1 ONSITE CONDITIONS

The subject property consisted of one commercial structure and two fuel islands with canopies. 3000-3008 Shattuck Avenue housed Berkeley Gas and Smog, a combination gas station/convenience store/smog check station. Housekeeping was noted to be acceptable.

Chemical/Hazardous Materials Storage Area

New retail containers of automotive oils and other fluids were available for sale within the convenience store portion of the property. Additional storage of these items was noted in the storage area adjoining the convenience store. No indications of leaks or staining was observed in these areas. No containers of used automotive fluids were observed during the inspection.

Dispenser Islands, Concrete Pads, and/or Cradles (Fuel)

There were a total of four concrete dispenser islands with individual pumps mounted on each of the islands. Pumps and islands appeared to be in good condition and well maintained.

Floor Staining or Corrosion (inside)

Some floor staining was observed within the smog check station portion of the property. Although only smog checks are currently performed in this area, the site contact indicated other automobile maintenance may have been conducted in this area in the past (GEM Note: see Section 3.1.16.). Evidence of an in-ground hydraulic lift was noted inside the smog check station.

Patches (concrete, asphalt)

A concrete-filled 2-stage clarifier was noted in the smog check station. There were several concrete and asphalt patches observed within the parking lot of the subject property. The site contact had no information regarding the patches. It should be noted that eight patches consistent with wells were observed onsite (GEM Note: locations matched with former A-1, A-2, A-3, AV-1, AV-2, AV-3, AV-5, and AV-6). Information regarding monitoring/recovery/soil vapor extraction well destruction is provided in Section 3.1.16.

Underground Storage Tanks

The subject property has USTs as part of fueling service station. Limited information regarding the USTs was provided onsite. No permits or other paperwork for the USTs was available for review as part of the site inspection. The site contact indicated all paperwork associated with USTs was kept at an offsite location. Full UST system details are provided in Section 3.1.15.

Monitoring Well

There was one monitoring well observed at the southeast corner of the main subject property building in proximity to the identified used motor oil UST. It should be noted that this location does not match any previous monitoring well/sampling locations. There was no evidence of illicit discharges.

2.4.2 GROUND SURFACE CONDITIONS

There was no significant staining other than the usual vehicle motor oil leaks/drops on outdoor surfaces. There was no visible staining at areas where hazardous materials are utilized or stored. However, not all the surfaces or grounds were inspected.

2.4.3 OTHER ENVIRONMENTAL CONDITIONS

There is a potential presence of ACBM and LBP in the building material. However, this Phase I ESA is not intended to constitute or substitute for a comprehensive, quantitative ACBM and LBP survey and sampling.

If demolition, renovation, or re-roofing of the building is planned, as asbestos survey is required by local authorities and/or National Emissions Standards for Hazardous Air Pollutants (NESHAP) guidelines. NESHAP requires the removal of potentially friable ACBMs prior to building demolition or renovation

that may disturb ACBM.

If demolition is planned, the removal of LBP isn't required if it is bonded to the building materials. However, if the LBP is flaking, peeling, or blistering, it should be removed prior to demolition. In either case, applicable Occupational Safety and Health Administration requirements must be followed. Any debris or soil containing LBP (lead) must be disposed of appropriately.

There are no other environmental conditions other than those previously discussed.

2.5 VISUAL OBSERVATIONS, ADJOINING SITES

During the site reconnaissance, the GEM field assessor performed a "drive-by" survey of the adjoining properties to note operations that may pose an imminent or potential environmental threat to the subject property.

The general area and immediate vicinity of the subject property is occupied by residential and commercial properties.

Adjoining and adjacent properties are:

North	Ashby Avenue, Chevron gas station (2996 Shattuck Avenue)
South	3010 Shattuck Avenue (residence)
West	2076 Ashby Avenue (Barber & Ink)
East	Shattuck Avenue, car rental (3001 Shattuck Avenue)

3.0 REVIEW OF HISTORICAL INFORMATION AND REGULATORY AGENCY RECORDS

3.1 ARCHIVED AGENCY RECORDS SEARCH

GEM submitted requests to review or obtain records from Agencies who have jurisdiction over the subject property. Records, if available, may either provide information about the environmental conditions on the subject property, or establish that no environmentally relevant records are on file for the subject property. A list of regulatory references/sources is provided in **Section 5.0**. Copies of records are included in **Appendix B.**

3.1.1 STATE WATER QUALITY CONTROL BOARD

The State Water Quality Control Board (SWQCB) has records on file for the subject property 3000 Shattuck Avenue, see Section 3.1.16 (LUST-Closed case [T0600100094] Arco) (SLIC-Closed case [T10000004483] US Smog and Gas).

3.1.2 DEPARTMENT OF TOXIC SUBSTANCES CONTROL

The Department of Toxic Substances Control (DTSC) website does not list the subject property with ongoing site assessment or remediation.

The DTSC Hazardous Waste Tracking System (HWTS) identified the subject property:

- Arco Products Company from 1989 through 2002, disposed of:
  - 1993: 0.84-tons of contaminated soils from site cleanup.
  - 2000: 10-tons of other empty containers 30-gallons or more and 1.67-tons of tank bottom waste.
  - 2001: 1.47-tons of aqueous solution with organic residues.
- Kulatran Anand & Gobind Smog 414 from 1992 through 1998, no disposals listed.
- US Smog & Gas from 1997 through 2012, disposed of -0.13-tons of other empty containers 30-gallons or more in 1997.
- BP West Coast Products LLC from 2001 through 2007, disposed of:
  - 2002: 2.1-tons of aqueous solution with organic residues.
  - 2003: 0.21- tons of aqueous solution with organic residues.
  - 2004: 0.36- tons of aqueous solution with organic residues.
- Bankruptcy Estate of Shahada Khan in 2014 and 2015, disposed of 0.14-tons of unspecified organic liquid mixture from 2014.

3.1.3 CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

The CalEPA Regulated Site Portal identified 3000 Shattuck Avenue:

- US Smog and Gas: Cleanup Program site, see Section 3.1.16.
- Arco: LUST site, see Section 3.1.16.

- Berkeley Gas & Smog as a chemical storage, UST, and hazardous waste generator facility since 2013. Violations noted sensor failure in 2013 and 2019, and documentation from 2014- 2021. Onsite chemical inventory listed includes used motor oil (~600-gallon waste oil UST), propane, nitrogen, and gasoline (~9,000 & ~12,000-gallon gasoline) USTs.

3.1.4 DEPARTMENT OF CONSERVATION, DIVISION OF OIL, GAS, & GEOTHERMAL RESOURCES

The Department of Conservation, Division of Oil, Gas & Geothermal Resources website does not identify the presence of oil or gas wells within the vicinity of the subject property.

3.1.5 DEPARTMENT OF TRANSPORTATION, NATIONAL PIPELINE MAPPING SYSTEM

The Department of Transportation, National Pipeline Mapping System website does not identify the presence of hazardous materials pipelines on the subject and adjacent properties.

3.1.6 BAY AREA AIR QUALITY MANAGEMENT DISTRICT

The Bay Area Air Quality Management District does not have permits on file for the subject property.

3.1.7 SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) indicated all records are on the SWQCB website, see Section 3.1.16.

3.1.8 ALAMEDA COUNTY ASSESSOR'S OFFICE

The Assessor's Parcel Number (APNs) for the subject property are 53-1592-1 & 53-1592-2.

3.1.9 ALAMEDA COUNTY WATER DISTRICT

The Alameda County Water District does not have records on file for the subject property.

3.1.10 ALAMEDA COUNTY PUBLIC WORKS AGENCY

The Alameda County Public Works Agency does not have records on file for the subject property.

3.1.11 ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

The Alameda County Department of Environmental Health does not have records on file for the subject property.

3.1.12 ALAMEDA COUNTY FIRE DEPARTMENT

The Alameda County Fire Department does not have records on file for the subject property.

3.1.13 CITY OF BERKELEY FIRE DEPARTMENT

The City of Berkely Fire Department provided records on file from 2008 through 2019.

Records from 2008 through 2019 were for inspections for US Test Only Smog Center. Noted to post signs and service fire extinguisher in 2009 and 2016.

A building fire was noted in 2008 at Arco gas station from electrical heater, no hazardous materials release noted.

Other records were associated with USTs, see Section 3.1.16.

3.1.14 CITY OF BERKELEY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT

The City of Berkeley Planning and Community Development Department provided records on file for the subject property from 1998 through 2011.

Records ranged from 1998, 2009, through 2011 associated with atm replacement and fire damage repair at fuel station minimart.

Other records were associated with USTs, see Section 3.1.16.

3.1.15 CITY OF BERKELEY TOXICS MANAGEMENT DIVISION

The City of Berkely Toxics Management Division (TMD) provided records on file for the subject property from 2006 through 2020. Other records associated with USTs are referenced in Section 3.1.16.

Permits from 2006 through 2013 were for US Smog and Gas. In 2006, a complaint was issued to US Smog and Gas, regarding fuel and oil in an electrical splice box located in the sidewalk. The TMD confirmed an unauthorized release of petroleum fuel material in the utility vault. The TMD suspected the oily material from the stormwater collection box entered the discharge pipe and filled the vault with oil and water. TMD suspected that the line may have been damaged when the PG&E splice box was installed. It was noted that an upgrade of the stormwater collection system was required per handwritten notes. There were no further documents that referenced this investigation.

In 2014 an Order Granting Application for Appointment of a Receiver and Preliminary Injunction in Aid Thereof was issued to Gerard F. Keena to qualify to act as Receiver in action for multiple properties, including 3000 Shattuck Avenue.

Permits from 2015 through 2020 were for Berkely Gas & Smog. CERS inventory listings for Berkeley Gas & Smog from 2015 and 2017 showed 500-gallon used motor oil UST, ~20,000-gallon regular unleaded 87 octane gasoline UST, ~12,000-gallon super gasoline 91 octane UST, plastic jugs of motor oil, nitrogen cylinders, and LPG cylinders. USTs were noted with spill bucket, striker plate/bottom protector, containment sump, and leak detection alarm systems. Minor documentation violation was issued to Berkely Gas & Smog in 2016.

3.1.16 UST-RELATED DOCUMENTATION

Records associated with USTs were from 1958 through 2014. Records were from the SWQCB Geotracker website (Section 3.1.1), California Environmental Protection Agency (Section 3.1.3.), City of Berkely Fire Department (Section 3.1.13.), City of Berkeley Planning and Community Development Department (Section 3.1.14.), and the City of Berkeley TMD (Section 3.1.15.).

The subject property has been a gasoline service station facility since at least 1938. There has been multiple UST installation and removal events (shown below):

- 1958 – 1970 – inspections for Arco
- 1958 –service station demolition, waste oil tank removal and installation of three 4,000-gallon gasoline USTs and one 280-gallon waste oil UST.
- 1971 – installation of 6,000-gallon gasoline UST for Arco
- 1982 – removal of four USTs and installation of three 12,000-gallon gasoline USTs.
- 1991 – 550-gallon UST installation (handwritten notes approved by Fire Department)
- 1997 – installation of current 500-gallon waste oil UST, removal of former waste oil UST
- 2000 – removal of three 12,000-gallon USTs, replaced with existing 12,000 and 20,000-gallon gasoline USTs

The SWQCB website identifies two separate investigations, LUST-Closed case (T0600100094) Arco (closed February 14, 2013) and SLIC-Closed case (T10000004483) US Smog and Gas (closed September 3, 2014). These files have duplicate documentation and summary of all events from both separate investigations are described below.

LUST (T0600100094)

Available records showed multiple unauthorized releases reported. Arco began investigation in 1991 (SWQCB LUST investigation T0600100094). Initial soil sampling indicated elevated concentrations of total petroleum hydrocarbon (TPH) gasoline, and benzene, toluene, ethylbenzene, and xylenes (BTEX) constituents. Four groundwater monitoring wells were installed (A-1, A-2, A-3, and A-4) onsite.

Six vapor extraction wells were also installed as part of two vapor extraction pilot tests conducted in August and November 1992 (AV-1, AV-2, AV-3, AV-4, AV-5, and AV-6). Pilot test results indicated that vapor extraction was deemed a suitable remedy based on an estimated radius of 20-30 feet, however, there is no available documentation stating that recovery well, AR-1, or the six vapor extraction wells (AV-1-6) were ever used for full scale remediation purposes.

Groundwater monitoring showed elevated detections indicating plumes for TPH gasoline, BTEX, and MTBE monitoring wells. Oxygen release compound (ORC) socks were used at recovery well AR-1 and groundwater monitoring wells A-1 through A-4 for various time periods from the third quarter 1996 to the first quarter 1997.

During removal of the three 12,000-gallon gasoline USTs in August 2000, free product was noted in the excavation pit. Approximately 400 gallons of nonhazardous oil and water was removed, and 1,200 gallons of nonhazardous water was extracted from the UST excavation area and transported offsite. Approximately 1,416 tons of soil was over-excavated from the UST tank pit, northern-most dispenser island and product piping trenches. The current two gasoline USTs were installed in 2000.

A groundwater monitoring well, A-5, was installed offsite, down-gradient (northwest) of the subject property. In 2009, groundwater monitoring at the subject property (A-4, only well sampled) showed TPH gasoline at 55 micrograms/Liter (ug/L) and MTBE at 2.8 ug/L with all other constituents (including BTEX) below detection limits.

A 2010 closure summary report identified groundwater monitoring for offsite A-5 (only well sampled) with maximum detections of 21 ug/L of MTBE, 360 ug/L of TPH gasoline, 0.75 ug/L of benzene, 2.4 ug/L of ethylbenzene, 39 ug/L of tertiary butyl alcohol (TBA), and 3.5 ug/L of tertiary amyl methyl ether (TAME), with all other constituents below detection limits. All detections were compared to the 2019 SFBRWQCB groundwater vapor intrusion residential environmental screening levels (ESLs). Benzene is the only constituent that slightly exceeded its ESL of 0.42 ug/L. All other detection were either below ESLs or ESLs not established. ARCADIS indicated that remediation through site upgrades, equipment removal and associated over excavations, and natural attenuation have proven to be effective for removing on-site contamination.

In 2014, all wells on the subject property were removed via jack hammer and patched with concrete.

The local lead agency (City of Berkeley TMD) confirmed completion of investigation and corrective action and granted no further action for the release associated with the USTs with a no further action letter issued February 14, 2013 (T0600100094). The Geotracker website identified post-closure management requirements including no excavation of contaminated soils without agency review and approval, o groundwater extraction at any depth without approval, notify prior to change in land use, notify prior to subsurface work.

SLIC-Closed (T10000004483)

On October 27, 1993, an in-ground hydraulic lift was reported leaking. Further investigation found water around the hydraulic lift with no oil leaks. Based on date of report, this appears to have been associated with SLIC investigation T10000004483.

A new release was discovered during groundwater monitoring activities in October 2007. A sample collected from impacted well (A-2) in January 2008 indicated that the carbon range distribution in the free product sample resembled mineral oil.

The City of Berkeley TMD requested additional investigation in December 2012 to address the potential new release (mineral oil) presumably associated with the onsite hydraulic lift. A release notification dated December 12, 2012, listed both BP and property owner Shazada Khan as potential responsible parties.

In 2014, ARCADIS conducted groundwater sampling to further characterize the nature and extent of the new release. In March 2014, detections at A-2, location with highest detection, indicated 410 ug/L of TPH diesel, 360 ug/L of TPH motor oil, 410 ug/L of mineral oil, 790 ug/L of hydraulic oil, and 670 ug/L of transmission oil. Down-gradient AR-1 indicated lower results. It should be noted these constituents are not volatile. No other locations were sampled.

On September 3, 2014, the SFBRWQCB issued a No Further Action letter to BP West Coast Products, LLC (SLIC T10000004483). The closure letter referenced that depth to groundwater was encountered at the subject property at ~5 to 11 feet bgs with southwest-northwest flow directions. The closure letter stated that based on the information from ARCADIS, the investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size. The closure letter referenced no Site Management Requirements.

Clarifier Closure

In June 1992, EA Engineering, Science, and Technology (EA) oversaw the closure of a 2-stage clarifier (also identified as a sump) for Arco. EA observed the closure and collected a concrete sample from the bottom of the sump and soil samples from native soils beneath the sump. Contents of the sump were pumped and properly removed, then steam cleaned. A jackhammer was used to create a hole in the bottom of the sump. A sample of the fractured concrete indicated 11mg/kg of Total Recoverable Petroleum Hydrocarbons (TRPH) with all other constituents below laboratory detection limits including for VOCs, Toxicity Characteristic Leaching Procedure (TCLP) Metals, TCLP Semi volatiles, PCBs, CAM17 Metals, 96-hour Waste Bioassay, and ignitability. Soil samples showed maximum concentrations of xylenes at 3.5 milligrams/kilogram (mg/kg) and TRPH at 2,300 mg/kg at surface level. A sample 1-foot bgs indicated lower concentrations of 4.3 mg/kg of xylenes and 340 mg/kg of TRPH. These levels were below respective ESLs and were non-detect for all other sampling methods. No other relevant details were provided in the report.

3.2 REVIEW OF REGULATORY AGENCY DATABASES

GEM has also reviewed a vendor-supplied, computer-generated federal, state, and regional one-mile regulatory database search in an effort to determine whether the subject property is listed on an agency environmental database and to identify possible regulatory-listed sites of concern within a one-mile radius of the subject property. In general, these documents list known or suspected hazardous-waste generators, release sites, landfills, unauthorized disposal sites, sites with registered underground storage tanks, and sites currently under investigation for known or suspected environmental violations or releases.

GEM assesses the potential environmental impact of petroleum hydrocarbon sites within 0.125 miles (660 feet) of the subject property and dry cleaners (PCE sites) with active investigation and remediation within 0.25 miles (1,320 feet) of the subject property.

The Federal and State listings are summarized in the table below:

Government Records	Description	ASTM Search Distance (miles)	Total Listing
Federal			
National Priority List (NPL)	U.S. Environmental Protection Agency's (EPA) list of national priorities among known or threatened releases of hazardous substances, pollutants, or contaminants throughout the U.S. and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation under the Superfund Program.	1.0	0
Delisted NPL	Facilities that have been removed from the NPL.	0.5	0
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	EPA's list containing information on the assessment and remediation of current hazardous waste sites pursuant to the CERCLA of 1980.	0.5	0
CERCLIS No Further Action Remedial Action Planned (NFRAP)	Facilities that have been removed and archived from EPA's inventory of CERCLA sites.	0.5	0
Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS)	EPA's database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1.0	0
RCRA non-CORRACTS TSD	EPA's database of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.5	1 (adjacent north)
RCRA Generators	EPA's database of facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG).	property and adjoining properties	0

Government Records	Description	ASTM Search Distance (miles)	Total Listing
Institutional control (IC)/engineering control (EC)	IC includes administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC includes caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.	property only	0
Emergency Response Notification System (ERNS)	EPA's database of facilities with reported releases of petroleum and hazardous substances to the air, soil and/or water.	property only	0
State and Tribal			
Equivalent NPL	Confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.	1.0	0
Equivalent CERCLIS	Federal Superfund Sites identified by the EPA where the DTSC is actively involved, either in a lead or support capacity, in the investigation and/or remediation currently in progress.	0.5	0
Landfill and/or solid waste disposal sites	Database of solid waste facilities; may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0
Leaking underground storage tank (LUST)	List of USTs which have been reported as having had a release.	0.5	25 (4 open, 1 closed subject property)
Registered storage tanks	Database of registered storage tanks	property and adjoining properties	1 (subject property active)
IC/EC	Equivalent to the Federal IC / EC database list	property only	0
Voluntary cleanup sites	Facilities included as Voluntary Cleanup Program (VCP)	0.5	0
Brownfield sites	Properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	0.5	0
Spills, Leaks, Investigation & Cleanup (SLIC)	Sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. SLIC Program deals with site investigation and corrective action involving sites not overseen by the UST Program and the Well Investigation Program.	0.5	10 (2 open, 1 closed subject property)

Supplemental and proprietary historic databases were also reviewed. These databases identified the following listings within 0.25 miles of the subject property:

Source List	Description	Search Distance (miles)	Total Listing
Air Permits with Emissions (Air, Air-Dist)	facilities with permits for air emission; air permitted facilities as reported by various Air Quality and Air Pollution Control Districts in California	0.25	2 (1 subject property)
DCF2, DryCleaners, Cleaners	drycleaners reported by the DTSC	0.25	2
Facility Registry System (FRS)	facilities subject to environmental regulation/ interest	0.0625	4 (1 subject property)
Historical listings	listings from historical databases that are no longer updated/used. Listings may have been closed or transferred to active databases	0.0625-0.25	121 (39 subject property)
Historical Auto Dealer	records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products.	0.0625	1
Historical Auto Repair		0.25	4
Historical Chemical-Storage		0.0625	1
Historical Cleaners		0.25	2
Historical Service Station		0.25	2 (1 subject property)
Hist-Manufacturing	may have used/stored hazardous materials or fuel	0.0625	1
Historical Printer	may have used/stored hazardous materials or fuel	0.0625	3
Spill-SSO	database contains private lateral sewage discharges from RWQCB	0.25	3

The following former and/or current tenants are listed in the regulatory databases reviewed for 3000 Shattuck Avenue (GEM Note: no other relevant addresses for subject property are within regulatory database):

- Berkeley Gas & Smog (Owner Baskaran Subbiah)
    - CERS facility, see Section 3.3.
    - Chemical storage, hazardous waste generator, and UST facility under the City of Berkely TMD. Noted documentation, UST equipment, disposal of hazardous wastes within 180 days, and labelling violations in compliance from 2013-2021. Open violation from 2021 for failure to maintain requirements of maintaining liquid tight spill container, functional drain valve from spill container, galvanic corrosion resistance, and testing. In 2021 waste oil UST was note onsite and not used, noted to verify if empty.
- Arco Facility Shazada Khan
    - BAAQMD facility, see Section 3.1.6.
    - Gasoline and convenience store facility under the US EPA in 2015.

    - Disposed of ~0.13-tons of other empty containers 30-gallons or more in 1997, ~11-tons of other empty containers 30-gallons or more in 2000, 1.66-tons of tank bottom waste in 2000, 1.45-tons of aqueous solution with organic residues in 2001, and 0.14-tons of unspecified organic liquid mixture in 2014.
    - Historical service station listings reported in 1997, 2001, and 2010.
    - LUST-Closed site, see Section 3.1.16.
- US Smog and Gas
    - Historical hazardous waste generator and UST facility under the City of Berkeley TMD.
    - Historical service station/vehicle fueling facility listed in 2010.
    - SLIC-Closed site, see Section 3.1.16.
- BP West Coast Products LLC disposed of a total of ~2.67-tons of aqueous solution with organic residues from 2002 through 2004.
- Kultaran Anand & Gobind was a historical inventory database facility under the US EPA in 1998.
- Smog Pros was a historical service station listed in 1997.
- Documentation has shown this site with testing records with uncorrected minor violations. Based on the available information at this time, the potential for adverse environmental impact appears low.

The following adjoining and immediately adjacent properties are listed in the regulatory databases reviewed:

- The west adjoining property, Kentwell Company Inc, 2076 Ashby Avenue was listed in the facility inventory database in 1998 under the US EPA. There are no additional details provided.
- The east adjacent property, 3001 Shattuck Avenue Enterprise Car Rental, is located ~60 feet up-gradient from the subject property across Shattuck Avenue, was associated with LUST investigation opening on April 13, 2001. Case closure was granted April 20, 2001 with no other information provided on the SWQCB website. Additional ERS listing showed that MTBE was not detected in soil nor groundwater. Based on the closed case status and available information, the potential for presence for environmental impact from this site towards the subject property appears low.
- The north adjacent property, 2996 Shattuck Avenue (Shell Oil Company, Xtra Oil Company dba Chevron, Edward Simas, Equilon Enterprises, and Shattuck Self-Service), is located ~75-feet cross-gradient from the subject property across Ashby Avenue and is listed as
    - BAAQMD facility.
    - Small quantity hazardous waste generator facility in 2006.
    - CERS facility last inspected in 2017.
    - Active UST, chemical storage, hazardous waste generator, and US EPA Air Emission Inventory System facility under the City of Berkely TMD. No major violation noted.
    - Historical service station listings reported in 1997, 2001, 2010, and 2013.
    - Disposals:
        - Equilon Enterprises LLC: Disposed of aqueous solution with organic residues, other inorganic solid waste, 1-ton of empty containers less than 30-gallons, and 9.2-tons of other empty containers 30-gallons or more (1998) from 1998 and 1999.
        - Shell: disposed of 0.09-tons of other inorganic solid waste in 2006.

        - Xtra: Disposed of other organic solids, unspecified oil containing waste, and off specification aged or surplus organics from 2006 through 2013.
    - LUST-closed case: site has been a gasoline service statin since 1933 which groundwater monitoring was conducted in 1991 (release information unknown per documentation). Depth to groundwater was reported at ~5-10 feet with a western flow direction, cross-gradient from the subject property. the closest monitoring well to the subject property, MW-1, was reviewed 90-feet from the subject property, had elevated detections in groundwater of TPH diesel, TPH gasoline, BTEX, MTBE, and TBA.
    - A utility corridor running down the center of Ashby Avenue likely intercepts the groundwater plume and may provide a preferential pathway for groundwater migration. Ashby Avenue separates this site from the subject property. Due to the low permeability soils on each side of the corridor, any COCs reaching the utility corridor are likely to remain in the corridor moving westward and are likely to degrade prior to reaching any potential receptor, including the subject property. It was noted that groundwater remediation successfully removed sufficient source material to stabilize the groundwater plume. The plume is now shrinking down gradient from the source area (COCs in well MW-1 are declining), and concentrations in the rest of the plume are stable to declining and are expected to decline as the source area shrinks. Case closure letter was issued on January 15, 2013. The closure letter did not have explicit details for closure, however the SWQCB LUST investigation website referenced “No excavation of contaminated soils without agency review and approval No groundwater extraction at any depth without approval Notify prior to change in land use Notify prior to subsurface work” in the Post Closure Site Management Requirements tab.
    - Based on the closed case status and available information, the potential for presence for environmental impact from this site towards the subject property appears low.

The County-LUST-Open and LUST-Open sites are located between 0.26 and 0.46 miles from the subject property. These sites are greater than the distance used for assessing sites that may have a potential environmental impact on the subject property.

The remaining LUST-Closed, County-LUST-Closed, and SLIC-Closed cases are located between 0.08 and 0.5 miles from the subject property. Based on the closed case status and available information, the potential for presence for environmental impact from this site towards the subject property appears low.

The California SLIC-Open cases are located 0.09 and 0.4 miles from the subject property. These sites are either located down-gradient from the subject property or are greater than the distance used for assessing sites that may have a potential environmental impact on the subject property.

Cleaners and Hist-Cleaner listings are located 0.05 and 0.18 miles from the subject property. There are no violations or ongoing investigations at this time.

There are no listings within the distance used for assessing sites that appear to have an adverse environmental impact on the subject property at this time.

A copy of the complete database search document and a detailed description of the databases that were searched are included in **Appendix C**.

3.3 REVIEW OF HISTORICAL AERIAL PHOTOGRAPHS

GEM reviewed readily available and reasonably ascertainable aerial photographs of the area of the subject property (https://www.historicaerials.com/ and Google Earth).

Aerial photographs for the years of 1946, 1958, 1968, 1980, 1982, 1985, 1988, 1993, 2000, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, and 2021 were reviewed.

The 1946 aerial photograph showed the subject property developed with what appeared to be a gasoline service station structure at the northern portion with a small structure, likely residential, on the southern portion. The adjacent north property showed what appeared to be a service station. The general area was shown with commercial and residential development.

The 1958 aerial photograph showed the subject property redeveloped with a different gasoline service station configuration. The structure at the southern portion was still present. The adjacent north and east properties were shown with what appeared to be gasoline service stations across Ashby Avenue and across Shattuck Avenue. The general area was shown with commercial and residential development.

The 1968 aerial photograph showed the subject property developed with what appeared to be the three existing service station structures. The structure at the southern portion was still present. The adjacent north and east properties were shown with what appeared to be the previous gasoline service stations across Ashby Avenue and across Shattuck Avenue. The general area was shown with commercial and residential development.

The 1980 through 2021 showed the subject property with the existing structures. The previous southern onsite structure was no longer present. The previous adjacent north service station property was redeveloped with its existing service station. The previous adjacent east service station structure was redeveloped with its existing commercial building. The general area was shown with commercial and residential development.

3.4 REVIEW OF HISTORICAL USGS TOPOGRAPHIC MAPS

GEM reviewed readily available and reasonably ascertainable USGS topographic maps of the area of the subject property (https://www.historicaerials.com/).

USGS topographic maps for the years of 1895, 1899, 1900, 1904, 1906, 1908, 1914, 1915, 1929, 1947, 1949, 1960, 1967, 1969, 1975, 1981, 1997, 2012, 2015, and 2018 were reviewed.

The 1895 through 1975 USGS topographic maps showed the general area with road and building development. Railroad tracks were shown in the offsite outer western vicinity.

The 1981 through 2018 USGS topographic maps showed the general area with full development, with the previous railroad tracks no longer present.

3.5 REVIEW OF HISTORICAL FIRE INSURANCE MAPS

Fire insurance maps are the most detailed historical records of the urban landscape. From 1790 to 1961, nearly every U.S. town and city with populations of 2,000 or more had been surveyed. Shown on these maps, sometimes in great detail, is virtually every building, man-made structure, and business standing at the time the survey was made.

Fire insurance maps for the years 1911 and 1950 were also reviewed.

The 1911 fire insurance map shows the northern portion subject property as vacant land with addresses 3000 Shattuck Avenue and 2098 Ashby Avenue, and a 1 ½-story dwelling at the southern portion with address 3008 Shattuck Avenue. The adjoining west property was shown with a 2-story store and 1-story unlabeled structure. The Dobson & Creagmile Planing Mill was shown in the offsite outer northern vicinity. The general area was shown with mostly dwellings, flats, and stores.

The 1950 fire insurance map shows a gas and oil station with addresses 2098 Ashby Avenue and 3000 Shattuck Avenue at the northern portion of the subject property. The dwelling at 3008 Shattuck Avenue was still present. The adjoining west property is identified as a laundry shop (Ashby Laundry) with address 2076 Ashby Avenue, shown with a boiler room and two water tanks (no other relevant features shown). The adjoining south property was still a dwelling. Gasoline and oil service station structures were shown adjacent north across Ashby Avenue and east across Shattuck Avenue. The previous offsite northern planing mill was shown with a cabinet shop and dwelling. The general area was shown with mostly dwellings, flats, and stores.

A copy of the report is included in **Appendix C**.

3.6 REVIEW OF HISTORICAL CITY DIRECTORIES

One of the least known, yet most complete and comprehensive historical sources are historical city or street directories. GEM reviews historical city or street directories (also known as criss-cross or reverse indexed directories) for information on the past occupants of and activities on the subject property and adjoining properties. If they were reasonably ascertainable, they were reviewed to determine current or past occupants of the subject property.

Historical city or street directories were available for 1938, 1943, 1953, 1960, 1964, 1977, 1987, 1997, and 2011. The listings are provided below:

3000 Shattuck Ave (Subject Property)

- 1938 – Standard Sta 854, S & A Super Serv Stat
- 1943 – Not Listed
- 1953 – Signal Service Stations
- 1960 – Not Listed
- 1964 – Havens S Svc Stn
- 1977 – Lees Arco Sale & Serv
- 1987 – M P&G Tune Up Cntr, Shaloos Arco
- 1997 – Ahands Arco & Market, Smog Pros

- 2011 – US Smog and Gas

3002-3006 Shattuck Ave (Subject Property)
- 1938-2011 – Not Listed

3008 Shattuck Ave (Subject Property)
- 1938 – Lyon Charles F r
- 1943 – Hughes Gladys A r
- 1953 – Cato Grace, Perry S Frederick
- 1960 – Hines L P Co, Spencer Myrtle
- 1964 – Associated Brokers, Hines LD, Hines L P Co
- 1977-2011 – Not Listed

2098 Ashby Ave (Historical Subject Property)
- 1938 – 2011 – Not Listed

A copy of the report is included in **Appendix C**.

3.7 PRIOR OR CURRENT AGRICULTURAL LAND USE

It does not appear that the subject and adjoining properties were used for agriculture since at least 1911.

3.8 QUESTIONNAIRE AND/OR INTERVIEW

The site contact was interviewed during the site reconnaissance. Information provided are discussed Section 2.0.

3.9 ADDITIONAL ENVIRONMENTAL DOCUMENTS

Copies of:

- *Unauthorized Release 3000 Shattuck Avenue, Berkeley, California Local Oversight Program Case No. 13-3000-SHA* (Arcadis, 2013),
- *Testing and Inspection Certificate* (Tankology, November 2014) and
- *Environmental Review for Purchase and Site Redevelopment U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, California* (Pangea, December 2014) were provided for review.

Documentation from ARCADIS associated previous work referenced in Section 3.1.16.

UST testing conducted by Tankology in November 2014 indicated passing results. Notes indicated ~5-gallon of water was pumped from regular fill sump and 4-gallon from the supreme fill sump.

Environmental review was conducted by Pangea post closure in December 2014.

Pangea referenced that future site developments will involve only limited subsurface work to install utilities and building foundation. In conjunction with future redevelopment, the City of Berkeley may require a soil and groundwater management plan to ensure proper handling and disposal of material during construction. If significant hydrocarbon impact is found during UST removal or redevelopment activities, some soil

removal and subsurface soil and soil gas sampling may be required by the oversight agencies. To help mitigate potential vapor intrusion from any residual hydrocarbon impact, the local agencies may require mitigation measures such as a passive ventilation system and/or vapor barrier. Pangea referenced estimated costs from $10,000 to $50,000.

Copies of the reports are included in **Appendix B**.

3.10 PROPOSED REDEVELOPMENT

The subject property is planned for redevelopment which proposes the demolition of the existing gas station and construction of a 5-story mixed-use building with ground floor retail & car/bike parking with 44 residential units above. Shared open space will be provided at the podium level, third floor patio, fifth floor patio & private balconies.

3.11 HISTORICAL SITE USE

The chronological historical site use summary below is based on reviewed aerial photographs, maps, regulatory agency files, interviews, and additional environmental documents:

3000 Shattuck Avenue

- 1911 – vacant land
- 1938 – current – gasoline service station
- 2013 – current – Berkeley Gas & Smog

3008 Shattuck Ave

- 1911 – 1953 – residential
- 1960 – 1964 – Hines L P Co
- 1964 – Associated Brokers

3.12 VAPOR INTRUSION GUIDELINES

The U.S. Environmental Protection Agency's *Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air* (OSWER Publication 9200.2-154, June 2015) recommends that 100 feet laterally and vertically is a reasonable initial criterion when considering vapor migration fundamentals. The buffer zone of approximately 100 feet has generally been used in determining which buildings to include in vapor intrusion investigations when significant surface covers are not present, under the assumption that preferential vapor migration routes are absent.

Vapor encroachment condition (VEC) is the presence or likely presence of volatile and toxic vapors in the vadose zone of the subject property caused by the release of vapors from contaminated soil and/or groundwater either on or near the subject property.

Vapor intrusion is the general term given to migration of hazardous vapors from any subsurface vapor source, such as contaminated soil or groundwater, through the soil and into an overlying building or structure. These vapors can enter buildings through cracks in basements and foundations, as well as through

conduits and other openings in the building envelope. Vapors can also enter structures that are not intended for human occupancy (e.g., sewers, drain lines, access vaults, storage sheds, pump houses) through cracks and other openings.

All types of buildings, regardless of foundation type (e.g., basement, crawl space, slab-on-grade), have openings that render them potentially vulnerable to vapor intrusion. Buildings subject to vapor intrusion include, but are not limited to, residential buildings (e.g., detached single-family homes, trailer or 'mobile' homes, multi-unit apartments and condominiums), commercial workplaces (e.g., office buildings, retail establishments), educational and recreational buildings (e.g., schools and gyms), and industrial facilities (e.g., manufacturing plants).

Based on available information, a VEC does not exist at the subject property at this time.

3.13 REVIEW OF PRELIMINARY TITLE REPORT

A preliminary title report was available for review but is not included as an attachment in this report. There are easements for pedestrians. Pertinent information is included in this Phase I ESA.

3.14 IDENTIFICATION OF HISTORICAL DATA GAPS

Data gaps may result from the lack of or inability to obtain information required by ASTM E1527 despite good faith efforts by the environmental professional to gather such information. Data gaps are only significant if "other information and/or professional experience raise reasonable concerns involving the data gap."

Data gaps may include, but are not limited to, site reconnaissance, interviews, review of standard historical sources, etc. ASTM E1527 requires that all obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier.

During the course of this Phase I ESA, GEM did not identify significant data gaps within the reviewed historic documents for the subject property that could affect the conclusions of this report.

4.0 FINDINGS AND RECOMMENDATIONS

4.1 FINDINGS

The subject property is developed with one 1-story commercial building and two canopy structures on a 0.31-acre lot. The remaining portion of the subject property is asphalt-paved parking and concrete pavement. The general area and immediate vicinity of the subject property is occupied by residential and commercial properties.

During the site reconnaissance, the subject property was occupied by Berkeley Gas and Smog, as gas station/convenience store/smog check station. New retail containers of automotive oils and other fluids were available for sale within the convenience store portion of the subject property. There were a total of four concrete dispenser islands with individual pumps mounted on each of the islands. The subject property has one 500-gallon used motor oil UST, a ~20,000-gallon regular unleaded 87 octane gasoline UST, and a ~12,000-gallon super gasoline 91 octane UST. A concrete-filled 2-stage clarifier and evidence of an in-ground hydraulic lift was noted in the smog check station.

Historical sources show the subject property as undeveloped land in 1911. Historical sources showed the subject property as a service station since at least 1938. A residence later converted to commercial use was located at the southern portion of the subject property, 3008 Shattuck Avenue, from at least 1911 through 1964. The existing building was reportedly completed in 1959, with existing site configuration shown since 1968. Historical addresses include 2098 Ashby Avenue.

The SWQCB website identifies two separate closed investigations associated with the onsite gas station at the subject property, LUST case (T0600100094) closed February 14, 2013, and SLIC case (T10000004483) closed September 3, 2014. Arco began investigation in 1991 (T0600100094). Initial soil sampling indicated elevated concentrations of TPH gasoline and BTEX constituents. ORC socks were placed in wells from the third quarter 1996 to the first quarter 1997. Groundwater monitoring was also conducted.

In 2000, during removal of three 12,000-gallon gasoline USTs, free product was noted in the excavation pit. Approximately 400 gallons of nonhazardous oil and water was removed, and 1,200 gallons of nonhazardous water was extracted from the UST excavation area and transported offsite. Approximately 1,416 tons of soil was over-excavated from the UST tank pit, northern-most dispenser island and product piping trenches. The current two gasoline USTs were installed in 2000.

A 2010 closure summary report identified groundwater monitoring at offsite downgradient well with low levels of fuel constituents. Detections were below the 2019 SFBRWQCB groundwater vapor intrusion residential ESLs except for benzene which slightly exceeded its ESL. The closure report indicated that remediation through site upgrades, equipment removal and associated over-excavations, and natural attenuation have proven to be effective for removing on-site contamination. In 2014, all wells were removed via jack hammer and patched with concrete. The City of Berkeley TMD issued a no further action letter on February 14, 2013 (T0600100094). The Geotracker website identified post-closure management requirements including no excavation of contaminated soils without agency review and approval, no groundwater extraction at any depth without approval, notify prior to change in land use, notify prior to subsurface work.

On October 27, 1993, an in-ground hydraulic lift was reported leaking. Further investigation found water around the hydraulic lift with no oil leaks. Based on date of report, this appears to have been associated with investigation T10000004483. A new release was also discovered during groundwater monitoring activities in October 2007. A sample collected from impacted well (A-2) in January 2008 indicated that the carbon range distribution in the free product sample resembled mineral oil. The City of Berkeley TMD requested additional investigation in December 2012 to address the potential new release (mineral oil) presumably associated with the onsite hydraulic lift. In March 2014, groundwater monitoring showed low-level detections of fuel-related constituents in one onsite and one offsite well. On September 3, 2014, the SFBRWQCB issued a No Further Action letter (T10000004483) stating that the investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

In June 1992, the onsite 2-stage clarifier was closed. Soil samples showed constituents below their respective ESLs.

There were no records/listings from various regulatory agencies that identify the potential for adverse environmental impact from adjoining properties. The general area is occupied by facilities that store, use, and generate hazardous waste/materials and under regulatory oversight. There are no documented violation or ongoing investigations that may have a potential environmental impact on the subject property.

4.1.1 RECOGNIZED ENVIRONMENTAL CONDITION

A *REC* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

There are no *RECs* identified at the subject property at this time.

4.1.2 HISTORICAL REC

Historical REC refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Two *Historical RECs* were identified at the subject property. *Historical REC*s are associated with the LUST-Closed case [T0600100094] and SLIC-Closed case [T10000004483].

4.1.3 CONTROLLED REC

Controlled REC is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

There are no *controlled RECs* identified at the subject property at this time.

4.1.4 DE MINIMIS CONDITIONS

A *de minimis condition* generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *RECs* nor *controlled RECs*.

The onsite gasoline service station is a *de minimis condition.*

4.1.5 BUSINESS ENVIRONMENTAL RISK

BER is a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, and is not an issue required to be investigated under this practice. A *BER* may include one or more of the non-scope issues contained in subsection 1.3.

There is the potential presence of ACBM and LBP in the original building material. However, this Phase I ESA is not intended to constitute or substitute for a comprehensive, quantitative ACBM and LBP survey and sampling.

4.2 RECOMMENDATIONS

Given the findings and conclusions of this Phase I ESA, GEM recommends no further investigation at this time. However, since the subject property is an active gasoline service station with plans for residential redevelopment, GEM recommends preparation of a Site Management Plan if in the event contaminated soil is encountered during site redevelopment.

5.0 REGULATORY AGENCIES

Federal and/or State Agencies	
State Water Quality Control Board	http://geotracker.waterboards.ca.gov/
Department of Toxic Substances Control	http://www.envirostor.dtsc.ca.gov/
Department of Conservation, Division of Oil, Gas, & Geothermal Resources	https://maps.conservation.ca.gov/doggr/wellfinder/#close
Department of Transportation, National Pipeline Mapping System	https://pvnpms.phmsa.dot.gov/PublicViewer/
Bay Area Air Quality Management District	https://baaqportal.publicrecordstracker.com/
San Francisco Bay Regional Water Quality Control Board	RB2-PRA-Request@Waterboards.ca.gov
California Environmental Protection Agency	https://siteportal.calepa.ca.gov/nsite/map/results

County Agencies	
Assessor's Office	http://gis.acgov.org/Html5Viewer/index.html?viewer=parcel_viewer
Environmental Health	dehcupafilereview@acgov.org
Fire Department	<Amy.Noyes@acgov.org>
Water District	https://www.acwd.org/FormCenter/ACWD-Records-Request-Form-10/ACWD-Records-Request-Form-55
Department of Public Works	info@acpwa.org

City Agencies	
Fire Department	https://cityofberkeleyca.nextrequest.com/
Toxics Management Division	https://cityofberkeleyca.nextrequest.com/
Planning and Community Development	https://cityofberkeleyca.nextrequest.com/

Environmental Records Search	
Aerial Photographs	https://www.historicaerials.com/viewer and Google Earth
City Directories	https://www.reccheck.com/store/default.asp
Fire Insurance Maps	https://www.reccheck.com/store/default.asp
Regulatory Agency Databases	https://www.reccheck.com/store/default.asp
Topographic Maps	https://www.historicaerials.com/viewer

References	
2013 Report	*Unauthorized Release 3000 Shattuck Avenue, Berkeley, California Local Oversight Program Case No. 13-3000-SHA* (Arcadis, 2013)
2014 UST Testing	*Testing and Inspection Certificate* (Tankology, November 2014)
2014 Environmental Review	*Environmental Review for Purchase and Site Redevelopment U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, California* (Pangea, December 2014)

6.0 LIMITATIONS

To achieve the study objectives stated in this report, we were required to base GEM conclusions and recommendations on the best information available during the period the Phase I ESA was conducted and within the limits prescribed by GEM client in the contract/authorization agreement and standard terms and conditions.

GEM's professional services were performed using that degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar fields. Resumes are included in **Appendix D**. The findings were mainly based upon examination of historic records, maps, aerial photographs, and governmental agencies lists. The hazardous waste site lists represented in this report represent only a search of the specific government records as listed above. It should be noted that governmental agencies often do not list all sites with environmental contamination; the lists could be inaccurate and/or incomplete. Recommendations are based on the historic land use of the subject property, as well as features noted during the site reconnaissance and examined records. The absence of potential gross contamination sources, historic or present, does not necessarily imply that the subject property is free of any contamination. This report only represents a "due diligence" effort as to the integrity of the subject property. No warranty or guarantee, expressed or implied, is made as to the professional conclusions or recommendations contained in this report. The limitations contained within this report supersede all other contracts or scopes of work, implied or otherwise, except those stated or acknowledged herewith.

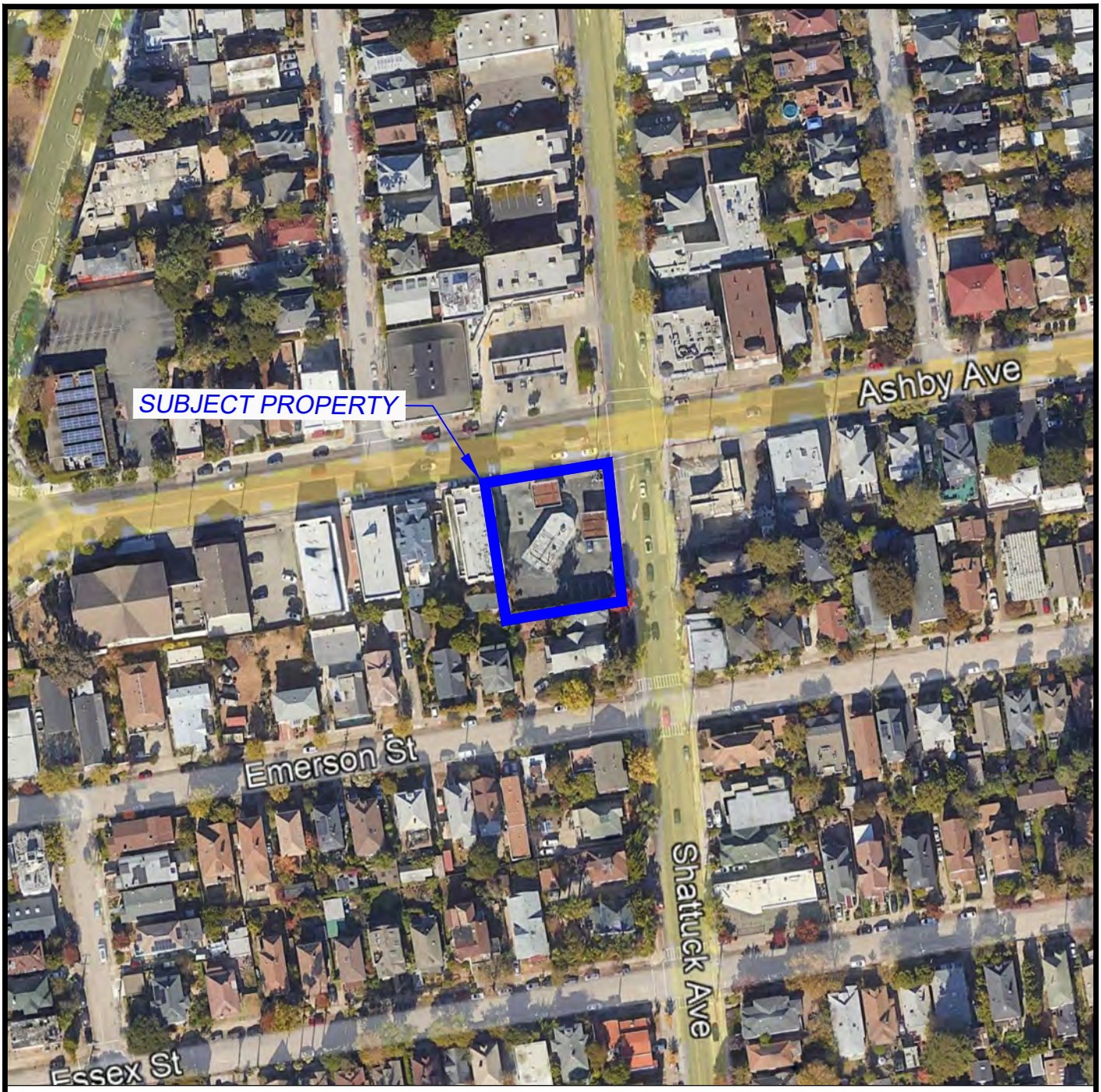
This report is not a legal opinion. It does not necessarily comply with requirements defined in any environmental law such as the "innocent landowner defense" or "due diligence inquiry." Only legal counsel retained by the client is competent to determine the legal implications of any information, conclusions, or recommendations in this report. The compliance status, is not intended for use as a guide to compliance for the present owner. Its intended use is to identify environmental impairments to the subject property and is not to be used as a guide to the legal compliance to any regulations of any kind.

The findings, conclusions, recommendations, and professional opinions contained in this report have been prepared by the staff of GEM, in accordance with generally accepted professional practices. All cost estimates if provided, are purely estimates, and may not represent the actual costs. The costs provided are for budgetary purposes only.

This report does not address, in any way, septic systems, leach fields, septic tanks, or related health hazards.

Analytical results for samples, if collected, should not be construed as conclusive and binding in any way. All sampling conducted is only for the purposes of general screening and does not imply that all materials, locations, or hazardous materials have been identified nor was the sampling intended to identify every instance of the materials sampled. No interpretation of the sample results is made or implied. GEM relays only the information supplied by the laboratory conducting the analysis.

FIGURES



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SCALE

0 150 300 FEET

GEM GROUP, INC.
We help clean the environment!
https://www.mygemgroup.com

Project Number: 22-14819

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

Figure 1

Site Location Map

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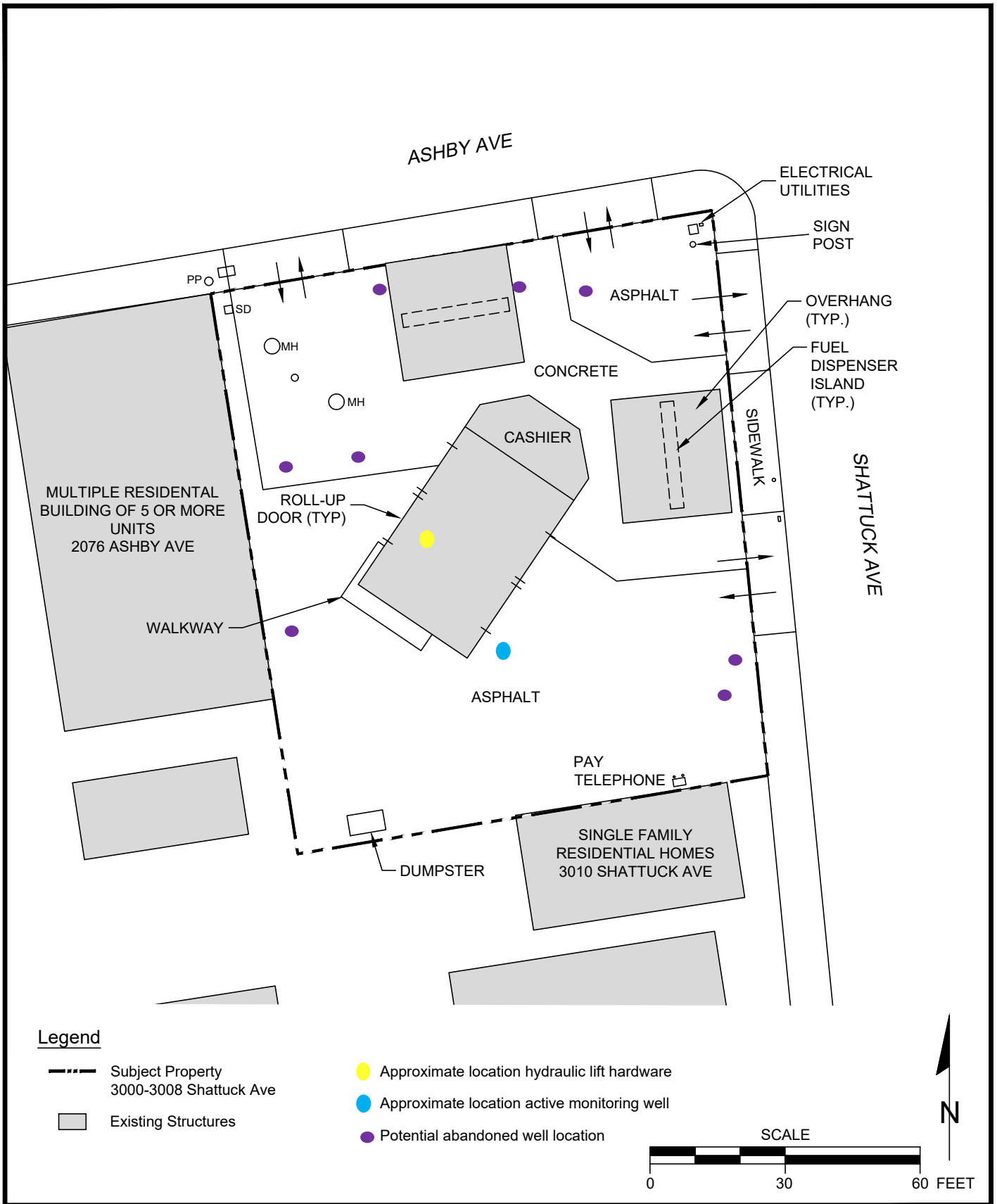

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Project Number: 22-14819

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

Figure 2

Site Plan

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APPENDIX A
PHOTOGRAPHS

Photo-1
Overview of Subject Property
(Facing North)

Photo-2
Overview of Subject Property
(Facing Southwest)

Photo-3
Overview of Subject Property
(Facing North)

Photo-4
Overview of Subject Property
(Facing North)

Photo-5
Overview of Subject Property
(Facing West)

Photo-6
Interior View of Subject Property

Photo-7
Interior View of Subject Property

Photo-8
Interior View of Subject Property

Photo-9
Adjacent North Property
(Facing Northwest)

Photo-10
Adjacent East Property
(Facing East)

APPENDIX B
AGENCY RECORDS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

U.S. SMOG AND GAS (T10000004483) - (MAP)

SIGN UP FOR EMAIL ALERTS

3000 SHATTUCK AVENUE
BERKELEY, CA 947054
ALAMEDA COUNTY
CLEANUP PROGRAM SITE
PRINTABLE CASE SUMMARY

CLEANUP OVERSIGHT AGENCIES
SAN FRANCISCO BAY RWQCB (REGION 2) *(LEAD)* - *CASE #: 01S0746*
CASEWORKER: *RANDY LEE*
BERKELEY, CITY OF - *CASE #: 13-3000SHA*
CASEWORKER: *GEOFFERY FIEDLER*

Regulatory Profile

CLEANUP STATUS - DEFINITIONS
COMPLETED - CASE CLOSED AS OF 9/3/2014 - CLEANUP STATUS HISTORY

POTENTIAL CONTAMINANTS OF CONCERN
WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING

POTENTIAL MEDIA AFFECTED
OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)

FILE LOCATION

BENEFICIAL USE
GW - MUNICIPAL AND DOMESTIC SUPPLY

DWR GROUNDWATER SUB-BASIN NAME
Santa Clara Valley - East Bay Plain (2-9.04)

RB WATERSHED NAME
Bay Bridges - Berkeley (20330)

Site History

A new release of mineral oil was detected as part of the UST case at this property. The mineral oil is suspected to be a separate release related to the hydraulic lifts on the property. This release was granted no further action by the Regional Water Board on 09/03/2014.

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100 Montgomery Street
Suite 300
San Francisco
California 94104
Tel 415.374.2744
Fax 415.374.2745
www.arcadis-us.com

ENVIRONMENT

Mr. Nabil Al-Hadithy
City of Berkeley
Toxics Management Division
2118 Milvia Street, Third Floor,
Berkeley, CA 94704

Subject:
Unauthorized Release
3000 Shattuck Avenue, Berkeley, California
Local Oversight Program Case No. 13-3000-SHA

Date:
February 15, 2013

Contact:
Hollis Phillips

Phone:
415.432.6903

Email:
Hollis.Phillips@arcadis-us.com

Our ref:
GP09BPNA.C012

Dear Mr. Al-Hadithy:

On behalf of British Petroleum (BP), ARCADIS U.S., Inc. (ARCADIS) has prepared this letter for the Former BP Station No.00414 located at 3000 Shattuck Avenue Berkeley, California (Site) in response to the City of Berkeley's Toxic Management Division (TMD) letter *Unauthorized Release-Notice to Conduct an Investigation, 3000 Shattuck Avenue, Berkeley, California*, dated December 12, 2012. The letter indicates a new release has occurred at the above referenced site and names both BP and the current property owner (Shazada Khan) as potentially responsible parties (PRPs).

ARCADIS attempted on numerous occasions to contact Mr. Khan (telephone calls were never returned), and eventually was able to speak with him to discuss the December 12, 2012 letter. ARCADIS indicated it was their opinion that the release discussed in the letter was the result of a recent hydraulic lift release. Mr. Khan indicated the release was BP's responsibility because when he bought the property BP indicated as long as he did not modify the hydraulic lifts for 25 years BP would be responsible for them. ARCADIS asked Mr. Khan for a copy of the document he was referring to because the sales agreement that ARCADIS reviewed indicated the hydraulic lifts were part of the property sale with no mention of any future responsibility for BP. Mr. Khan did not respond to the request for the document.

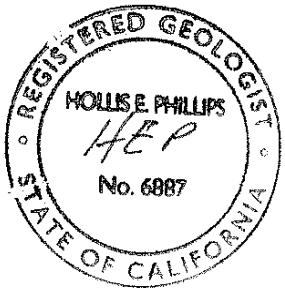
Evidence of a new release was first realized during the fourth quarter 2007 water level gauging event when a thick oil film was observed in A-2. A letter sent to the City of Berkeley (ARCADIS 2010) provided details regarding confirmation of the new release. As part of the confirmation process, one sample from A-2 was analyzed for transmission oil, hydraulic oil, mineral oil and jet-A by United States Environmental Protection Agency (USEPA) by EPA Method 8015B to evaluate the composition of

the free phase product. Samples from monitoring wells A-2 and AR-1 were also analyzed for total petroleum hydrocarbons as diesel (TPH-d). The laboratory noted that the results for TPHd were in the requested fuel range (C-10 to C-36) but did not resemble diesel fuel. Therefore, a fuel fingerprint analysis was conducted on the sample collected from well A-2. According to the laboratory, the chromatogram for the A-2 sample most closely resembled the mineral oil retention time and carbon range (C-15 to C-34) (Broadbent Associates, Inc. 2008). The chromatogram for the A-2 sample also indicated minor weathering had occurred (weathering tends to cause a loss of the lighter hydrocarbons and also preferentially decreases the n-alkanes). BP's release occurred in 1992, which, if it had been the cause of the SPH in A-2, would have indicated a very weathered hydrocarbon in the chromatogram.

Based on the carbon range distribution, the product sample from well A-2 most closely resembles mineral oil. Historical BP USTs at the Site include waste oil and gasoline tanks, not mineral oil. Because mineral oil is non-compressible, it is used as a hydraulic fluid in hydraulic machinery and vehicles. Mr. Khan operates an auto repair shop with a hydraulic lift located in the building adjacent to A-2. Based on the proximity of the hydraulic lift to well A-2, as well as the common use of mineral oil in hydraulic lift, it is highly likely that the source of product in A-2 is the hydraulic lift that is owned by Mr. Khan.

Based on these lines of evidence, ARCADIS is of the opinion that the new onsite contamination is the responsibility of the current owner and not BP. Therefore ARCADIS respectfully requests TMD remove BP as a PRP of the new release. If you have any questions or comments please contact Hollis Phillips by telephone at 415.432.6903 or by e-mail at hollis.phillips@arcadis-us.com.

Sincerely,



ARCADIS U.S., Inc.

Hollis Phillips, P.G. (No. 6887)
Project Manager/Principal Geologist

References:

ARCADIS. 2010. Correspondence letter to Geoffrey A. Fielder at City of Berkeley Toxics Management Division. Responsibility of New Release, Former Atlantic Richfield Company (a BP affiliated company) Station #414, 3000 Shattuck Avenue, Berkeley, California; City of Berkeley Toxics Management Division Case #27540.

Broadbent Associates, Inc. (BAI) 2008. First Quarter 2008 Groundwater Monitoring Report. 7 April 2008.

Copies:

BP c/o Janet Wager

U.S. Smog and Gas, Ms. Shazada Khan

December 13, 2014

Mr. Xin Jin
3000 Shattuck, LLC
1958A University Ave
Berkeley, 94704

Re: **Environmental Review for Purchase and Site Redevelopment**
U.S. Smog and Gas
3000 Shattuck Avenue
Berkeley, California

Dear Mr. Jin:

As requested, Pangea Environmental Services, Inc (Pangea) has prepared this letter summarizing subsurface environmental conditions and regulatory oversight status to assist with your property transaction and planned future site redevelopment for the subject site. This summary is based on our understanding of site conditions from prior site work, a site inspection, review of information on the State Water Board's Geotracker database, and our experience with the California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB), the California UST Cleanup Fund (Cleanup Fund), the City of Berkeley's Toxics Management Division (TMD), and the City of Berkeley Department of Planning and Development. This letter also describes potential environmental costs associated with future site redevelopment.

BACKGROUND AND CORRECTIVE ACTION HISTORY

The Site is a retail service station and smog inspection facility, which historically has been characterized and remediated for constituents related to releases from the former underground storage tanks (USTs). In 1997, a 200-gallon waste oil tank was removed. In 2000, three 12,000-gallon gasoline USTs were removed and replaced with new double-walled USTs. Approximately 1,415 tons of soil was removed and disposed off site when the USTs and associated product lines were replaced in 2000. In February 2013, the local lead agency (TMD) confirmed completion of investigation and corrective action, and granted no further action for the release associated with the USTs (case #27540; City of Berkeley, 2013).

An additional investigation was opened at the site in December 2012 to address a potential new release presumably associated with the hydraulic lifts at the site. The new release was discovered during groundwater monitoring activities in October 2007; a sample was collected from the impacted well (A-2) in January 2008. A release notification dated December 12, 2012, listed both BP and property owner Shazada Khan as potential responsible parties. In February and March of 2013, groundwater samples were collected from impacted well A-2 and downgradient well AR-1. Investigations indicated that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

The RWQCB issued case closure for this case in September 2014. The RWQCB's closure summary, included in Attachment A, concluded that the 'current plume is restricted to the site and does not present a current or potential risk to human health or the environment.' The closure letter did not include any site management requirements for the residual impact.

REDUCED REGULATORY CONCERN FOR UST SITES

The State Water Resources Control Board recently commenced implementation of a *Low Threat Closure Policy* (LTCP) in November 2012. The LTCP, acknowledging that petroleum hydrocarbon releases have tended not to pose significant concern at most sites, established general and media-specific criteria for closing low-threat cases. This policy has drastically reduced the amount of corrective action performed for hydrocarbon release sites. In the event of a new authorized release at this site, the new LTCP policy would result in less corrective action than required previously.

CALIFORNIA UST CLEANUP FUNDS

Pangea understands that retail gasoline operations will resume following completion of the property transaction and securing a new tenant. In the event of a future unauthorized release from the UST system, the owner and/or operator of the system can apply to the Cleanup Fund for reimbursement of up to $1MM of corrective action costs. The UST Fund has been reauthorized until December 31, 2024.

SITE CONDITION EVALUATION

Available site data indicates that very limited, if any, residual gasoline-related impact is present at the site. The most recent subsurface data includes groundwater data from all program monitoring wells in January 2008, from select program wells in March 2010, and, in March 2014, from one well (AR-1) immediately downgradient of the current USTs and dispensers and one well (A-2) downgradient of the building and underground hoist area. No TPHg or BTEX compounds were detected in the onsite wells in 2008, 2010 and 2014. The only residual impact in groundwater is very low concentrations of the former gasoline additive MTBE (MTBE use was banned after 2004) and limited oil range impact, apparently related to a prior release of hydraulic oil. The depth to water has ranged from approximately 5 to 11 ft depth below grade surface.

Compliance testing of the fueling facilities was performed recently. Pangea is not aware of any recent releases at the site.

REDEVELOPMENT ISSUES

Pangea understands that prospective future redevelopment will involve only limited subsurface work to install site utilities and the building foundation; no other subgrade development is planned. In conjunction with future redevelopment, the City of Berkeley may require a soil and groundwater management plan to ensure proper handling and disposal of material during construction. If significant hydrocarbon impact is found during UST removal or redevelopment activities, some soil removal and subsurface soil and soil gas sampling may be required by the oversight agencies. To help mitigate potential vapor intrusion from any residual hydrocarbon impact, the local agencies may require mitigation measures such as a passive ventilation system and/or vapor barrier. Estimated cost for these mitigation measures, if implemented during redevelopment, ranges from $10,000 to $100,000. The oil range impact does not represent a significant vapor intrusion concern. However, the estimated cost to excavate the oil impact, if performed during redevelopment, ranges from $10,000 to $50,000.

CONCLUSIONS

Based on the above information, Pangea concludes the following:

- The local agencies have issued regulatory case closure for two site cases in 2013 and 2014, concluding that the plume is restricted to the site and does not present a current or potential risk to human health or the environment. The closure letter did not include any site management requirements for the residual impact.

- Groundwater data from March 2014 immediately downgradient of the USTs and dispensers indicates that no new unauthorized release of gasoline at that time. Since March 2014 compliance testing has been performed to further evaluate the potential for hydrocarbon release.

- In the event of a future unauthorized release from the UST system, the owner and/or operator of the system can apply to the California UST Cleanup Fund for reimbursement of up to $1MM of corrective action costs; the UST Fund has been reauthorized until December 31, 2024.

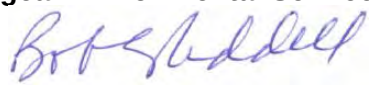
- Based on future redevelopment plans, construction activity is not anticipated to extend to groundwater (5 to 11 ft depth) where limited residual hydrocarbon may be present.

- If significant hydrocarbon impact is found during UST removal or redevelopment activities, soil removal and soil/soil gas sampling may be required by the oversight agencies. To help mitigate potential vapor intrusion from any residual hydrocarbon impact, the local agencies may require mitigation measures such as a passive ventilation system and/or vapor barrier. Estimated cost for these mitigation measures, if implemented during redevelopment, ranges from $10,000 to $100,000. The oil range impact does not represent a significant vapor intrusion concern. However, the estimated cost to excavate the oil impact, if performed during redevelopment, ranges from $10,000 to $50,000.

- In light of the above information and available groundwater data from March 2014 and beforehand, there appears to be limited benefit of performing a Phase I or Phase Environmental Site Assessments at this site at this time.

Pangea hopes this letter provides valuable information. If you have any questions, please feel free to contact me at (510) 435-8664 or briddell@pangeaenv.com.

Sincerely,
Pangea Environmental Services, Inc.



Bob Clark-Riddell, P.E.
Principal Engineer

Attachments: A - Case Closure Letters and Recent Groundwater Data

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

July 29, 2013
File No. 01S0746 (CLP)

BP West Coast Products, LLC
c/o Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

Re: Site Cleanup Program (SCP) recovery of oversight costs at U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, Alameda County

Dear Ms. Wager

Water Board staff has reviewed the data regarding the contamination found at the subject site. As presented by Arcadis[1], the contamination at the site consists of non-aqueous phase liquid (NAPL) petroleum hydrocarbons in the mineral oil range. A likely source of the NAPL is the hydraulic lift located in the building used as an auto repair shop. It is not currently known whether the release occurred when the property was owned by BP West Coast Products, LLC or after the sale of the property to Mr. Shazada Khan. The contamination threatens to adversely affect the beneficial uses of groundwater. These beneficial uses include municipal and domestic supply, agricultural supply, industrial service and process water supply. This contamination threatens to cause a condition of pollution in waters of the State, and should be fully delineated and abated in the shortest reasonable period of time.

Water Code §13304 allows the Water Board to recover reasonable expenses for overseeing the investigation and cleanup of illegal discharges, contaminated properties, and other unregulated releases adversely affecting or threatening to adversely affect the State's waters. It is our intent to recover such costs for regulatory oversight work conducted in accordance with this section. To assure that sufficient Water Board staff resources are available to conduct the necessary reviews and approvals, we intend to include this site in this Region's SCP Cost Recovery Program, more fully described in the attached Reimbursement Process for Regulatory Oversight (Attachment 1).

Estimate of Work to be Performed and Expected Outcome

Water Board staff will be actively overseeing the investigation and cleanup of this site. Given this, Water Board staff estimate that the following work will be performed for the site during fiscal year (FY) 2013/2014, ending June 30, 2014: 1) Review work plans, investigation reports, remediation plans, monitoring reports and associated correspondence from the discharger, its consultant and/or interested parties; 2) Conduct site inspections following up on the interim remedial action workplan and conduct duplicate samplings if necessary; 3) Conduct meetings regarding the site on issues relevant to site cleanup; and 4) Discuss issues related to the site and prepare written correspondence between the Water Board and interested parties.

[1] Letter from Hollis Phillips, Arcadis U.S., Inc. to Nabil Al-Hadithy, City of Berkeley, dated February 15, 2013.

This will allow Water Board staff to determine whether or not remedial action is warranted for this site. If so, British Petroleum will be asked to submit a feasibility study considering various remediation alternatives and an interim remedial action plan. Depending on the remedial approach, it is expected that the site conditions will not reach the target cleanup goals within FY 13/14. You will also still need to verify that pollutants are not migrating and impacting adjacent Bay waters. To this end, a monitoring program will need to be proposed and implemented. In accordance with Water Code §13365, we will identify more detailed, specific outcomes in the future as work progresses and more site-specific data become available.

Billing Rates

Attachment 1 provides a detailed description of the billing procedure. Attachment 2 lists the billing rates for employees expected to engage in the work or services for5 your site/facility. We estimate that 40 hours will be required in the oversight of the site for the remainder of the State's fiscal year which ends June 30, 2014. This is merely an estimate. The actual time needed will depend on the nature and extent of the necessary oversight. The name and classification of employees making charges will be listed on invoices. The average billing rate is approximately $150 per hour. An estimate for any necessary work after June 30, 2014, will be provided in late spring.

Please acknowledge in writing your intent to reimburse the State for cleanup oversight work as described in this letter and Attachment 1. Please return Attachment 3, or its equivalent, by August 9, 2013.

If you have any questions concerning this letter, please contact Cheryl Prowell of my staff at (510) 622-2408, [e-mail Cheryl.Prowell@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment 1 - Reimbursement Process for Regulatory Oversight
Attachment 2 - Billing Rates
Attachment 3 - Acknowledgment Letter

cc w/attachments: Mr. Shazada Khan, U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, CA 94705
Ms. Hollis Phillips, Arcadis U.S., Inc., Hollis.Phillips@arcadis-us.com

ATTACHMENT 1

REIMBURSEMENT PROCESS FOR REGULATORY OVERSIGHT

We have identified your facility or property as requiring regulatory cleanup oversight. Pursuant to the Porter-Cologne Water Quality Control Act, reasonable costs for such oversight can be recovered by the Regional Water Quality Control Board (Regional Water Board) from the responsible party. The purpose of this enclosure is to explain the oversight billing process structure.

Introduction

The Porter-Cologne Water Quality Control Act authorizes the State Water Resources Control Board (State Water Board) to set up Cost Recovery Programs. The Budget Act of 1993 authorized the State Water Board to establish a Cost Recovery Program for the Site Cleanup Program (SCP). The program is set up so that reasonable expenses incurred by the State Water Board and Regional Water Boards in overseeing cleanup of illegal discharges, contaminated properties, and other unregulated releases adversely impacting the State's waters can be reimbursed by the responsible party. Reasonable expenses will be billed to responsible parties and collected by the Fee Coordinator at the State Water Board in the Division of Financial Assistance.

The Billing System

Each cost recovery account has a unique charge number assigned to it. Whenever any oversight work is done, the hours worked are charged to the account number on the employee's time sheet. The cost of the hours worked is calculated by the State Accounting System based on the employee's salary and benefit rate and the State Water Board overhead rate.

State Water Board and Regional Water Board administrative charges for work such as accounting, billing preparation, general program meetings and program specific training cannot be charged directly to an account. This work will be charged to administrative accounting codes. The Accounting Office totals these administrative charges for the billing period and distributes them back to all of the accounts based on the number of hours charged to each account during that billing period. These charges show as State Water Board Program Administrative Charges and Regional Water Board Program Administrative Charges on the Invoice.

The Overhead Charges are based on the number of labor hours charged to the account. The overhead charges consist of rent, utilities, travel, supplies, training, and personnel services. If there is no labor charged to the account during the billing period, there will be no overhead charges for that billing period with the exception of the last month of each fiscal year. This is due to the fact that the labor charges end June 30 for the current fiscal year. However, several kinds of overhead charges such as supply orders and travel expenses are paid after the fiscal year ends. The State Water Board Accounting Office keeps track of these charges and distributes them back to all of the accounts based on the number of hours charged to each account for the whole fiscal year that has just ended. Therefore, the quarterly statements for the last month of the fiscal year could show no labor hours charged for the billing period, but some overhead charges could be charged to the account.

Invoices are issued quarterly, one quarter in arrears. If a balance is owed, a check is to be remitted to the State Water Board with the invoice remittance stub within 30 days after receipt of the invoice. The Accounting Office sends a report of payments to the Fee Coordinator on a quarterly basis.

Copies of the invoices are sent to the appropriate Regional Water Boards so that they are aware of the oversight work invoiced. Questions regarding the work performed should be directed toward your Regional Water Board project manager. If the responsible party becomes delinquent in its quarterly

payments, oversight work may cease immediately. Work will not begin again unless the payments are brought up-to-date.

Daily Logs

A detailed description (daily log) of the actual work being done at each specific site is kept by each employee in the Regional Water Board who works on cleanup oversight at the property. This information is provided on the quarterly invoice using standardized work activity codes to describe the work performed. *Upon request, a more detailed description of the work performed is available from the Regional Water Board staff.*

Removal From The Billing System

After the cleanup is complete, the Regional Water Board will submit a closure form to the State Water Board to close the account. If a balance is due, the Fee Coordinator will send a final billing for the balance owed. The responsible party should then submit a check to the State Water Board to close the account.

Agreement

No cleanup oversight will be performed unless the responsible party of the property acknowledges that it agrees to reimburse the State for appropriate cleanup oversight costs. You may wish to consult an attorney in this matter. As soon as the letter is received, the account will be added to the active SCP Cost Recovery billing list and oversight work will begin.

Regional Water Board Dispute Resolution

Based on the Regional Water Board's review and comment, the following section has been added as a San Francisco Bay Regional Water Board attachment to the SCP Cost Recovery Program's "Guide to the Billing Process" enclosure, "Reimbursement Process for Regulatory Oversight".

The Regional Water Board staff proposes to provide each responsible party (upon request) with daily logs of actual oversight work done and supporting accounting information for the responsible party's site. If, upon the receipt of the billing statement, the responsible party disputes the amount due, the responsible party may follow the dispute resolution procedure described below. If the responsible party follows the procedure, the Regional Water Board will not initiate, except as noted, enforcement action for failure to reimburse the State Water Board. During this procedure, the responsible party is encouraged to confer with Regional Water Board staff at any time to discuss the areas in question and attempt to resolve the dispute.

1. The responsible party must notify the Regional Water Board in writing within 30 calendar days of receipt of the billing statement to indicate that it disputes the billing statement and requests a meeting with the Regional Water Board Assistant Executive Officer. This notification must indicate the specific areas of dispute and provide all appropriate support documentation. Upon completion of the meeting, the Assistant Executive Officer will provide a recommendation to the Regional Water Board Executive Officer on the dispute and recommend an amount due, based on documentation provided by both the responsible party and the Regional Water Board staff at the meeting. The Executive Officer will submit a written decision and resultant amount due to the responsible party and specify the new due date by which the resultant amount due must be paid to avoid enforcement action. This due date will be not less than ten working days from the date of the Executive Officer's written decision.

2. If, upon receipt of the Executive Officer's written decision, the responsible party still disputes the amount due and so notifies the Executive Officer by the new due date, the Executive Officer will schedule an appeal hearing of the decision before the Regional Water Board at the next appropriate monthly meeting. The Executive Officer may also consider recommending that the Regional Water Board take enforcement action for the responsible party's failure to pay the resultant amount due by the new due date if the Regional Water Board finds the responsible party's appeal without basis. Any amount due and not appealed to the Regional Water Board will be considered a violation of the Regional Water Board's order.

California Code of Regulations - Dispute Resolution

If a dispute regarding oversight charges cannot be resolved with the Regional Water Board, Section 13320 of the California Water Code provides an appeal process to Regional Water Board decisions. Regulations implementing Water Code Section 13320 are found in Title 23 of the California Code of Regulations, Section 2050.

ATTACHMENT 2

STATE WATER RESOURCES CONTROL BOARD
SITE CLEANUP PROGRAM (SCP)
BILLING COST EXPLANATION
Fiscal Year 2013-2014

Employee Salary and Benefits by Classification [2]	**ABR**	**SALARY/ BENEFITS RANGE**
7500 - AEO CEA	CEA	8,840 - 19,738
4558 - Admin Officer II	ADMNOffII	6,619 - 8,225
5871 - Assistant Chief Counsel	ACC	12, 789 - 14,814
5393 - Associate Governmental Program Analyst (Statewide)	AGPA	6,301 - 7,889
4707 - Business Serv Asst (Spec)	BSA	3,573 - 5,470
3756 - Engineering Geologist (SWRCB)	EG	6,599 - 12,423
0760 - Environmental Program Manager I (Managerial) (SWRCB)	EPMIM	9,937 - 11,284
0756 - Environmental Program Manager I (Supervisory) (SWRCB)	EPMIS	8,986 - 11,174
0769 - Environmental Program Manager II (SWRCB)	EPMII	11,465 - 13,025
0762 - Environmental Scientist (SWRCB)	ES	4,407 - 8,424
3843 - Exec Officer I	EO	14,043 - 15,640
3842 - Exec Officer II	EO II	14,345 - 15,996
5601 - Information Officer I (Spec)	IO	6,301 - 7,889
1419 - Key Data Operator	KDO	3,083 - 4,388
1282 - Legal Secretary	LS	4, 351 - 5,720
1441 - Office Assistant (General) (Statewide)	OA	2,970 - 4,086
1379 - Office Assistant (Typing) (Statewide)	OA	3,069 - 4,169
1138 - Office Technician (General) (Statewide)	OT	3,778 - 4,733
1139 - Office Technician (Typing) (Statewide)	OT	3,847 - 4,815
3851 - Principal Water Resources Control Engineer (SWRCB)	PWRCE	14,095 - 16,009
5373 - Public Participation Specialist	PPS	6,301 - 7,889
3826 - Sanitary Engineering Associate (Statewide)	SEA	7,103 - 8,890
3782 - Sanitary Engineering Technician (Statewide)	SET	4,892 - 7,030
3751 - Senior Engineering Geologist (Statewide)	SEG	10,565 - 14,559
0764 - Senior Environmental Scientist (SWRCB)	SRES	7,805 - 9,703
3224 - Senior Legal Typist	SLT	3,708 - 5,186
3844 - Senior Water Resources Control Engineer (SWRCB)	SWRCE	10,565 - 14,559
5778 - Staff Counsel (Statewide)	STCOUN	6,694 - 11,659
5795 - Staff Counsel III (Statewide)	STCOUNIII	11,001 - 14,116
5815 - Staff Counsel III (Sup)	STCOUNIII	11,007 - 14,125
5780 - Staff Counsel IV (Statewide)	STCOUNIV	12,153 - 15,604
0765 - Staff Environmental Scientist (SWRCB)	SES	7,798 - 9,699
5157 - Staff Services Analyst (General)	SSA	4,034 - 6,558
4800 - Staff Services Manager I	SSM I	7,274 - 9,038
3748 - Supervising Engineering Geologist (Statewide)	SUEG	11,596 - 14,518
3849 - Supervising Water Resources Control Engineer (SWRCB)	SUWRCE	11,596 - 14,518
3850 - Supervising Water Resources Control Engineer (MGR)	SUEG	12,824 - 14,571
3846 - Water Resources Control Engineer (SWRCB)	WRCE	6,599 - 12,360

Note: The State is currently negotiating with the unions so the upper limits of the above ranges may be subject to change.

Intermittent Employees:		
1120 – Seasonal Clerk	SC	8.18/hr. – 9.35/hr.
1931 – Scientific Aid	SAID	11.58/hr. – 13.34/hr.
4871 - Student Assistant - Engineering (Statewide)	SAE	11.55/hr. – 17.28/hr.

[2] The name and classification of employees performing oversight work will be listed on the invoice you receive.

ATTACHMENT 2

Operating Expenses and Equipment [3] (both Headquarters and Regional Board offices)
Indirect Costs (Overhead = cost of doing business) 120%

Billing Example

Water Resources Control Engineer		
Salary:	$	11,647
Overhead (indirect costs):	$	13,976
Total Cost per month	$	25,623

Divided by 176 hours per month equals per hour: $ 145.59
(Due to the various classifications that expend SCP resources. An average of $ 150.00 per hour can be used for projection purposes.)

[3] The examples are estimates based on recent billings. Actual charges may be slightly higher or lower.

ATTACHMENT 3

ACKNOWLEDGMENT OF RECEIPT OF OVERSIGHT COST REIMBURSEMENT ACCOUNT LETTER

I, _____, acting within the authority vested in me as an authorized representative of **BP West Coast Products, LLC**, a corporation, acknowledge that I have received and read a copy of the attached *REIMBURSEMENT PROCESS FOR REGULATORY OVERSIGHT* and the cover letter dated _____ concerning cost reimbursement for Water Board staff costs involved with oversight of cleanup and abatement efforts at **U.S. Smog and Gas.** The address for this site is **3000 Shattuck Avenue, Berkeley, CA**.

I understand the reimbursement process and billing procedures as explained in the letter. Our company is willing to participate in the cost recovery program and pay all subsequent billings in accordance with the terms in your letter and its attachments, *and to the extent required by law*. I also understand that signing this form does not constitute any admission of liability, but rather only an intent to pay for costs associated with oversight, *as set forth above, and to the extent required by law*. Billings for payment of oversight costs should be mailed to the following individual and address:

BILLING CONTACT _____

BILLING ADDRESS _____

_____

_____

TELEPHONE NO. _____

RESPONSIBLE PARTY'S SIGNATURE _____
(Signature)

_____
(Title)

DATE: _____

Staff: **(CLP)**

Prowell, Cheryl@Waterboards

From: Phillips, Hollis <Hollis.Phillips@arcadis-us.com>
Sent: Thursday, July 11, 2013 5:13 PM
To: Prowell, Cheryl@Waterboards
Subject: RE: 3000 Shattuck Ave Berkeley case Nos. T1000004483 and T0600100094

Cheryl:

I'll look into these questions and get back to you. I'll need to talk to my boss about the cost recovery issue and she is out of town until Monday. So I'll be in touch early next week. Thanks for the speedy reply, while not what I wanted to hear, it certainly is nice.

Hollis

From: Prowell, Cheryl@Waterboards [mailto:Cheryl.Prowell@waterboards.ca.gov]
Sent: Thursday, July 11, 2013 4:39 PM
To: Phillips, Hollis
Cc: Cassa, MaryRose@Waterboards
Subject: RE: 3000 Shattuck Ave Berkeley case Nos. T1000004483 and T0600100094

Hello Hollis,

After reviewing the case file for original case (T0600100094), it seems that there is some uncertainty as to whether BP used hydraulic oil on the site, and when and where the release may have occurred. I will continue to consider BP as a responsible party.

These are some of the reasons for my uncertainty:

- In the Feb 15 letter, you state that BP did not use hydraulic oil, yet you document that BP sold the hydraulic lifts, which use this oil, to Mr. Kahn. This seems to imply that BP used hydraulic oil prior to the sale of the property.
- You state that the chromatogram for the A-2 sample indicated "minor weathering" which was inconsistent with a release from 1992. Can an age of the release be estimated? How does it compare to the date of sale? It is obviously somewhat older than 2007, if it was weathered by 3 to 4 years, this could indicate that the separate release occurred while BP still owned the property.
- The hydraulic lifts are located cross gradient from monitoring well A-2 where the sheen was observed. A-2 is located downgradient of the waste oil UST. Was the waste oil UST considered as a possible source of the release?

Cheryl

Cheryl Prowell, PE
Water Resource Control Engineer
California Regional Water Quality Control Board, San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
510-622-2408
510-622-2460 (fax)

From: Phillips, Hollis [mailto:Hollis.Phillips@arcadis-us.com]
Sent: Thursday, July 11, 2013 10:39 AM
To: Prowell, Cheryl@Waterboards
Subject: 3000 Shattuck Ave Berkeley case Nos. T1000004483 and T0600100094

Cheryl:

I recently received a letter from Berkeley Toxics Management Division that indicated they are discontinuing their oversight program and you are the point of contact for the above referenced site. ARCADIS is BP's consultant for this site. The site is part of a large portfolio where BP has given ARCADIS Power of Attorney so essentially we operate as the RP. I would like to discuss the following issues concerning the site:

1. The original release case (T0600100094) has been granted "No Further Action" (see attached "NFA"), however GeoTracker indicates the case is "Open - Eligible for Closure". Can that get updated to indicate the case is closed?

2. In 2007 a substance that was identified as likely being mineral oil was discovered in a monitoring well adjacent to the onsite facility which contains two hydraulic lifts used for car repair. Case T1000004483 was opened based on the new release and indentifies the current property owner (Shazada Khan) and BP as Responsible Parties. ARCADIS is of the opinion that this release is the responsibility of the current owner and would like to be removed as an RP (see attached Case No. 13).

Please contact me at your earliest convenience to discuss the site.

Regards,
Hollis

Hollis E. Phillips, PG | Principal Geologist| hollis.phillips@arcadis-us.com
ARCADIS U.S., Inc. | 100 Montgomery , Suite 300 | San Francisco, CA, 94104
T415.432.6903 | M. 510.219.7764 | F.415.374.2745
www.arcadis-us.com
Professional Geologist/PG-CA #6887
ARCADIS, Imagine the result
Please consider the environment before printing this email.

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Testing and Inspection Certificate

Tanknology Inc.
11000 North MoPac Expressway, Suite 500, Austin, TX 78759
800-800-4633 www.tanknology.com

Test Date	11/5/2014	Tanknology WO#	NW1-2320535
Test Purpose	COMPLIANCE	Customer PO#	

Customer
US Smog and Gas
3000 Shattuck Ave
Berkeley, CA 94705

Attn: Us Smog and Gas
(510) 704-0500

Location
US Smog and Gas (RT137)
3000 Shattuck Ave
Berkeley, CA 94705

Attn: Us Smog and Gas
(510) 704-0500

Test / Inspection Description	Item Tested	Date Tested	Result
Leak Detection Monitoring System Inspection	See test report for details	11/5/2014	Inconclusive
Spill Containment / Bucket	Tank 1 - REGULAR SB 1 - Fill - Direct	11/5/2014	Pass
Spill Containment / Bucket	Tank 2 - SUPREME SB 1 - Fill - Direct	11/5/2014	Pass
Spill Containment / Bucket	REGULAR SB 1 - Fill - Direct	11/5/2014	Pass
Spill Containment / Bucket	SUPREME SB 1 - Fill - Direct	11/5/2014	Pass

Tanknology Representative:
Telephone:

Technician: Gilbert Garcia
Technician Certification: (See forms)

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.swrcb.ca.gov.**)**

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: US Smog and Gas Bldg. No.:

Site Address: 3000 Shattuck Ave City: Berkeley Zip: 94705

Facility Contact Person: Us Smog and Gas Contact Phone No.: 510-704-0500

Make/Model of Monitoring System: Veeder Root TLS-350 Date of Testing/Servicing: 11/5/2014

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: REG 87 - REGULAR	**Tank ID:** SUPREME 91 - SUPREME
☑ In-Tank Gauging Probe. Model: MAG 8473	☑ In-Tank Gauging Probe. Model: MAG 8473
☑ Annular Space or Vault Sensor. Model: 794390-409	☑ Annular Space or Vault Sensor. Model: 794390-409
☑ Piping Sump / Trench Sensor(s). Model: 794380-208	☑ Piping Sump / Trench Sensor(s). Model: 794380-208
☑ Fill Sump Sensor(s). Model: 794380-208	☑ Fill Sump Sensor(s). Model: 794380-208
☑ Mechanical Line Leak Detector. Model: Vaporless LD-2000	☑ Mechanical Line Leak Detector. Model: Vaporless LD-2000
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☑ Tank Overfill / High-Level Sensor. Model: FLAPPER	☑ Tank Overfill / High-Level Sensor. Model: FLAPPER
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID:	**Tank ID:**
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☐ Piping Sump / Trench Sensor(s). Model:	☐ Piping Sump / Trench Sensor(s). Model:
☐ Fill Sump Sensor(s). Model:	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: 1/2	**Dispenser ID:** 3/4
☑ Dispenser Containment Sensor(s). Model: 794380-208	☑ Dispenser Containment Sensor(s). Model: 794380-208
☑ Shear Valve(s).	☑ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 5/6	**Dispenser ID:** 7/8
☑ Dispenser Containment Sensor(s). Model: 794380-208	☑ Dispenser Containment Sensor(s). Model: 794380-208
☑ Shear Valve(s).	☑ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ☑ System set-up ☑ Alarm history report

Technician Name (print): Gilbert Garcia Signature:

Certification No.: B42816 License. No.: 743160 Class 'A'

Testing Company Name: Tanknology Phone No.: (800) 800-4633

Testing Company Address: 11000 N. MoPac Expressway Suite 500 Date of Testing/Servicing: 11/5/2014

D. Results of Testing / Servicing

Software Version Installed: 329.01

Complete the following checklist:

(●) Yes	( ) No*	Is the audible alarm operational?
(●) Yes	( ) No*	Is the visual alarm operational?
(●) Yes	( ) No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
(●) Yes	( ) No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
( ) Yes	( ) No* (●) N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
( ) Yes	( ) No* (●) N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ( ) Yes; ( ) No
(●) Yes	( ) No* ( ) N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? 95%
(●) Yes*	( ) No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
(●) Yes*	( ) No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☑ Product; ☑ Water. If yes, describe causes in Section E, below.
(●) Yes	( ) No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
(●) Yes	( ) No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

PUMPED OUT APPROXIMATELY 5 GALLONS ON LIQUID FROM REGULAR FILL SUMP AND 4 GALLONS FROM SUPREME FILL SUMP

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

◉ Yes	○ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
◉ Yes	○ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
◉ Yes	○ No*	Was accuracy of system product level readings tested?
◉ Yes	○ No*	Was accuracy of system water level readings tested?
◉ Yes	○ No*	Were all probes reinstalled properly?
◉ Yes	○ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed.

Complete the following checklist:

○ Yes	○ No* ○ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h; ☐ 0.2 g.p.h.
○ Yes	○ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
○ Yes	○ No*	Was the testing apparatus properly calibrated?
○ Yes	○ No* ○ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
○ Yes	○ No* ○ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
○ Yes	○ No* ○ N/A	For electronic LLDs that are programmed for positive shut down, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
○ Yes	○ No* ○ N/A	For electronic LLDs that are programmed for positive shut down, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
○ Yes	○ No* ○ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
○ Yes	○ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section **H,** below, describe how and when these deficiencies were or will be corrected.

H. Comments:

UNABLE TO TEST LEAK DETECTORS OR POSITIVE SHUT DOWN DUE TO TURBINES BEING UNABLE TO BE TURNED ON

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: US Smog and Gas	Date of Testing: 11/5/2014
Facility Address: 3000 Shattuck Ave , Berkeley, CA 94705	
Facility Contact: Us Smog and Gas	Phone: 510-704-0500
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector (if present during testing):	

2. TESTING CONTRACTOR INFORMATION

Company Name: TANKNOLOGY INC.	
Technician Conducting Test: Gilbert Garcia	
Credentials: ☑ CSLB Licensed Contractor ☐ SWRCB Licensed Tank Tester	
License Type: A HAZ	License Number: 743160

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
OPW	SPILL BUCKET	2/4/2015
OPW	SPILL BUCKET	2/4/2015

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Spill Box REG 87 regular fill	X								
Spill Box SUPREME 91 supreme fill	X								

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: 11/5/2014

WO: 2320535

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By: ☐ Spill Bucket Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*:				
Test Method Used By: ☐ Pressure ☐ Vacuum ☑ Hydrostatic ☐ Other *(Specify)*:				
Test Equipment Used: LAKE TEST		Equipment Resolution: 0.0625 in.		
	Spill Box #Tank REG 87 REGULAR - Fill 1 - Direct - Grade level in containment sump	Spill Box #Tank SUPREME 91 SUPREME - Fill 1 - Direct - Grade level in containment sump	Spill Box #	Spill Box #
Bucket Diameter:	12.00	12.00		
Bucket Depth:	13.00	13.00		
Wait time between applying pressure/vacuum/water and starting test	1 min	1 min	min	min
Test Start Time:	09:35:00	09:35:00		
Initial Reading (R_I):	11.50 in.	11.75 in.		
Test End Time:	10:35:00	10:35:00		
Final Reading (R_F):	11.50 in.	11.75 in.		
Test Duration:	1 hr	1 hr		
(R_F-R_I) :	0.00 in.	0.00 in.		
Pass/Fail Threshold or Criteria:	+/- 0.00	+/- 0.00	+/-	+/-
Test Result:	Pass	Pass		

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: US Smog and Gas	Date of Testing:11/5/2014
Facility Address: 3000 Shattuck Ave , Berkeley, CA 94705	
Facility Contact:Us Smog and Gas	Phone: 510-704-0500
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector (*if present during testing*):	

2. TESTING CONTRACTOR INFORMATION

Company Name: TANKNOLOGY INC.
Technician Conducting Test: Gilbert Garcia
Credentials[1]: ☑ CSLB Contractor ☐ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):743160

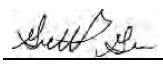
3. SPILL BUCKET TESTING INFORMATION

Test Method Used By:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: LAKE TEST		Equipment Resolution: 0.0625 in.		
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	Spill Box #Tank REG 87 REGULAR - Fill 1 - Direct - Grade level in containment sump	Spill Box #Tank SUPREME 91 SUPREME - Fill 1 - Direct - Grade level in containment sump	Spill Box #	Spill Box #
Bucket Installation Type:	○ Direct Bury ◉ Contained in Sump	○ Direct Bury ◉ Contained in Sump	○ Direct Bury ○ Contained in Sump	○ Direct Bury ○ Contained in Sump
Bucket Diameter:	12.00	12.00		
Bucket Depth:	13.00	13.00		
Wait time between applying vacuum/water and start of test	1 min	1 min	min	min
Test Start Time (T_I):	09:35:00	09:35:00		
Initial Reading (R_I):	11.50 in.	11.75 in.		
Test End Time(T_F):	10:35:00	10:35:00		
Final Reading (R_F):	11.50 in.	11.75 in.		
Test Duration(T_F–T_I):	1 hr	1 hr		
Change in Reading (R_F–R_I) :	0.00 in.	0.00 in.		
Pass/Fail Threshold or Criteria:	+/- 0.00	+/- 0.00	+/-	+/-
Test Result:	Pass	Pass		

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature:  Date: 11/5/2014

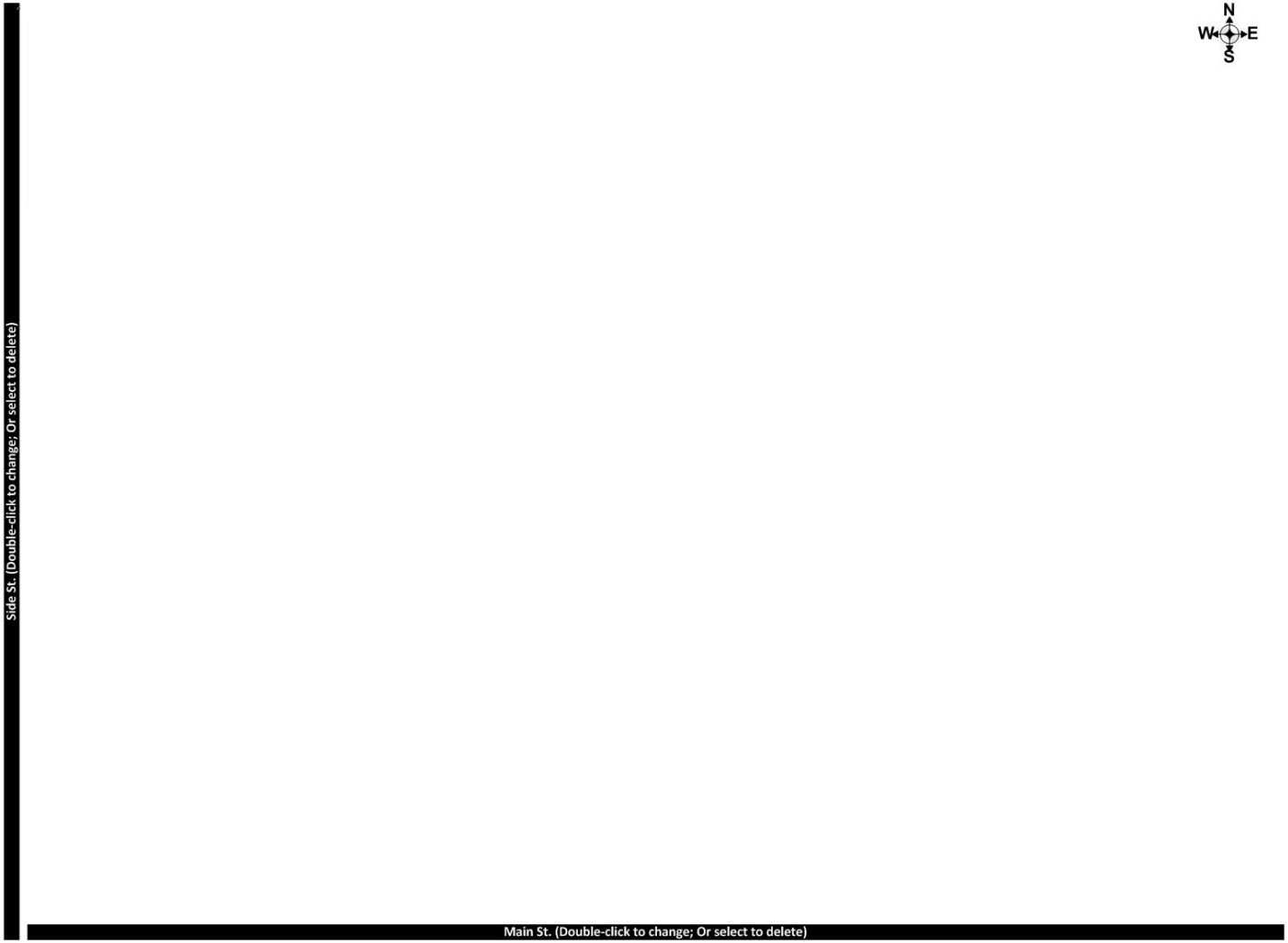
[1]State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

WO: 2320535

Site Diagram

(This site diagram is for reference only and is not drawn to scale)

Work Order:	2320535		
Site ID / Name:	RT137 / US Smog and Gas		
Address:	3000 Shattuck Ave		
City:	Berkeley	State: CA	Zip: 94705



W.O.# NW1-2320535

I10100
NOV 5, 2014 12:21 PM

ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702
SYSTEM STATUS REPORT
T 1:DELIVERY NEEDED
L 4:FUEL ALARM

I20100
NOV 5, 2014 12:21 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

IN-TANK INVENTORY

TANK	PRODUCT	VOLUME	TC VOLUME	ULLAGE	HEIGHT	WATER	TEMP
1	REG 87	860	0	18843	10.57	0.00	69.33
2	SUPRE 91	1136	0	10713	18.56	0.00	69.33

I20200
NOV 5, 2014 12:21 PM
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BERKELEY CA
94702

DELIVERY REPORT

T 1:REG 87

INCREASE	DATE / TIME	GALLONS	TC GALLONS	WATER	TEMP DEG F	HEIGHT
END:	APR 12, 2014 12:28 AM	8250	8219	0.00	65.29	51.08
START:	APR 11, 2014 11:59 PM	632	629	0.00	64.26	8.59
AMOUNT:		7618	7590			
END:	APR 8, 2014 8:26 PM	6012	5968	0.00	70.23	40.57
START:	APR 8, 2014 8:10 PM	2106	2102	0.00	62.50	19.45
AMOUNT:		3906	3866			
END:	APR 3, 2014 9:51 PM	12544	12554	0.00	58.78	70.80
START:	APR 3, 2014 9:24 PM	4565	4567	0.00	59.30	33.35
AMOUNT:		7979	7987			
END:	APR 1, 2014 11:10 PM	9719	9769	0.00	52.64	57.78
START:	APR 1, 2014 10:35 PM	1060	1057	0.00	63.92	12.18
AMOUNT:		8659	8712			
END:	MAR 28, 2014 10:05 AM	11222	11202	0.00	62.55	64.66
START:	MAR 28, 2014 9:36 AM	2543	2536	0.00	63.64	22.15
AMOUNT:		8679	8666			
END:	MAR 24, 2014 7:55 PM	10074	10048	0.00	63.65	59.39
START:	MAR 24, 2014 7:28 PM	2369	2364	0.00	62.95	21.09
AMOUNT:		7705	7684			
END:	MAR 20, 2014 11:34 PM	11416	11408	0.00	60.94	65.55
START:	MAR 20, 2014 11:03 PM	3629	3621	0.00	63.05	28.38
AMOUNT:		7787	7787			

END:	MAR 18, 2014	8:03 AM	9644	9630	0.00	62.12	57.44
START:	MAR 18, 2014	7:35 AM	1925	1920	0.00	63.38	18.28
AMOUNT:			7719	7710			
END:	MAR 13, 2014	5:33 PM	11393	11343	0.00	66.14	65.45
START:	MAR 13, 2014	5:06 PM	3671	3665	0.00	62.07	28.61
AMOUNT:			7722	7678			
END:	MAR 9, 2014	7:20 AM	13775	13765	0.00	61.01	76.67
START:	MAR 9, 2014	6:47 AM	5902	5896	0.00	61.38	40.04
AMOUNT:			7873	7869			

T 2:SUPRE 91

INCREASE	DATE / TIME	GALLONS	TC GALLONS	WATER	TEMP DEG F	HEIGHT
END:	APR 12, 2014 12:13 AM	1711	1707	0.00	62.36	24.46
START:	APR 12, 2014 12:01 AM	771	769	1.18	64.02	14.33
AMOUNT:		940	938			
END:	APR 8, 2014 8:19 PM	1043	1039	0.00	65.52	17.53
START:	APR 8, 2014 8:10 PM	553	551	0.84	63.98	11.50
AMOUNT:		490	488			
END:	APR 3, 2014 9:29 PM	1486	1482	0.00	63.17	22.23
START:	APR 3, 2014 9:21 PM	721	718	0.79	64.63	13.70
AMOUNT:		765	764			
END:	MAR 24, 2014 8:03 PM	2635	2628	0.00	63.37	32.88
START:	MAR 24, 2014 7:50 PM	1668	1663	0.00	63.33	24.05
AMOUNT:		967	965			
END:	MAR 20, 2014 11:15 PM	2437	2432	0.00	62.21	31.16
START:	MAR 20, 2014 11:05 PM	1443	1440	0.00	62.89	21.81
AMOUNT:		994	992			
END:	MAR 18, 2014 7:42 AM	2075	2073	0.00	60.78	27.90
START:	MAR 18, 2014 7:31 AM	1118	1115	0.00	63.26	18.36
AMOUNT:		957	958			
END:	MAR 13, 2014 5:13 PM	1960	1952	0.00	65.35	26.84
START:	MAR 13, 2014 5:02 PM	1016	1013	0.90	62.85	17.22
AMOUNT:		944	939			
END:	MAR 9, 2014 6:55 AM	1961	1960	0.00	60.31	26.85
START:	MAR 9, 2014 6:43 AM	984	981	1.12	62.88	16.86
AMOUNT:		977	979			
END:	MAR 6, 2014 12:41 PM	1609	1605	0.00	63.36	23.47
START:	MAR 6, 2014 12:32 PM	854	852	0.00	62.69	15.34
AMOUNT:		755	753			
END:	FEB 27, 2014 7:13 PM	2078	2075	0.00	61.66	27.93
START:	FEB 27, 2014 6:59 PM	1121	1119	0.99	62.55	18.40
AMOUNT:		957	956			

I20400
NOV 5, 2014 12:21 PM
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94702

SHIFT REPORT

SHIFT 1 TIME: 6:00 AM
SHIFT 2 TIME: 11:00 PM

TANK PRODUCT

1 REG 87

		VOLUME	TC VOLUME	ULLAGE	HEIGHT	WATER	TEMP
SHIFT 1	STARTING VALUES	860	854	18843	10.57	0.00	69.39
	ENDING VALUES	860	854	18843	10.57	0.00	69.36
	DELIVERY VALUE	0					
	TOTALS	0					

SHIFT 2	STARTING VALUES	860	854	18843	10.57	0.00	69.36
	ENDING VALUES	860	854	18843	10.57	0.00	69.35
	DELIVERY VALUE	0					
	TOTALS	0					

2 SUPRE 91	VOLUME	TC VOLUME	ULLAGE	HEIGHT	WATER	TEMP
SHIFT 1 STARTING VALUES	1136	1128	10713	18.56	0.00	69.35
ENDING VALUES	1136	1128	10713	18.56	0.00	69.34
DELIVERY VALUE	0					
TOTALS	0					
SHIFT 2 STARTING VALUES	1136	1128	10713	18.56	0.00	69.34
ENDING VALUES	1136	1128	10713	18.56	0.00	69.34
DELIVERY VALUE	0					
TOTALS	0					

I20800
NOV 5, 2014 12:21 PM
PREVIOUS IN TANK LEAK TEST RESULTS

TANK 1 REG 87

TEST TYPE	START TIME	RESULT	RATE	HOURS	VOLUME
ANNUAL	NO TEST DATA AVAILABLE				
PERIODIC	NO TEST DATA AVAILABLE				
GROSS	NO TEST DATA AVAILABLE				

TANK 2 SUPRE 91

TEST TYPE	START TIME	RESULT	RATE	HOURS	VOLUME
ANNUAL	NO TEST DATA AVAILABLE				
PERIODIC	NO TEST DATA AVAILABLE				
GROSS	NO TEST DATA AVAILABLE				

I25100
NOV 5, 2014 12:21 PM
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94702

CSLD TEST RESULTS

TANK	PRODUCT	RESULT

I30100
NOV 5, 2014 12:21 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702
LIQUID STATUS REPORT

SENSOR	LOCATION	STATUS
1	REG ANNULAR	SENSOR NORMAL
2	REG FILL SUMP	SENSOR NORMAL
3	REG STP SUMP	SENSOR NORMAL
4	SUPREME ANNU	SENSOR NORMAL
5	SUPREME FILL SUMP	SENSOR NORMAL
6	SUPRERE STP SUMP	SENSOR NORMAL
7	DISP 1-2	SENSOR NORMAL
8	DISP 3-4	SENSOR NORMAL
9	DISP 5-6	SENSOR NORMAL
10	DISP 7-8	SENSOR NORMAL
11	WASTE OIL ANNU	SENSOR NORMAL
12	WASTE OIL SUMP	SENSOR NORMAL

13	WASTE OIL OVERFILL	SENSOR NORMAL

I31500
NOV 5, 2014 12:21 PM
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3000 SHATTUCK AVE
BERKELEY CA
94702

SMART SENSOR STATUS REPORT

SENSOR	LOCATION	STATUS
1	PRESS SEN	SENSOR NORMAL
2	VAPOR VALVE	SENSOR NORMAL
3	VFM 1-2	SENSOR NORMAL
4	VFM 3-4	SENSOR NORMAL
5	VFM 5-6	SENSOR NORMAL
6	VFM 7-8	SENSOR NORMAL
8	ATM P SENSOR	SENSOR NORMAL

I50301
NOV 5, 2014 12:21 PM
1:ARCO 414

I50302
NOV 5, 2014 12:21 PM
2:3000 SHATTUCK AVE

I50303
NOV 5, 2014 12:21 PM
3:BERKELEY CA

I50304
NOV 5, 2014 12:21 PM
4:94702

I51700
NOV 5, 2014 12:21 PM
SYSTEM TYPE AND LANGUAGE FLAG

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

I50F00
NOV 5, 2014 12:21 PM
MON DD YYYY HH:MM:SS xM

I10200

NOV 5, 2014 12:21 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

SYSTEM CONFIGURATION

SLOT	BOARD TYPE	POWER ON RESET	CURRENT
1	4 PROBE / G.T.	164225	165644
2	INTERSTITIAL BD	202259	202793
3	INTERSTITIAL BD	202306	202770
4	UNUSED	9917960	9978510
5	UNUSED	9899868	9930240
6	7SMARTSENSOR BD	511625	512293
7	UNUSED	9901918	9933496
8	UNUSED	9897367	9932515
9	RELAY BOARD	15097	15066
10	UNUSED	9902940	9930838
11	UNUSED	9894379	9927380
12	UNUSED	9894492	9922763
13	UNUSED	9895122	9921915
14	UNUSED	9891878	9911945
15	UNUSED	9896677	9922138
16	UNUSED	9891878	9914978
	COMM 1 ELEC DISP INT.	101194	101116
	COMM 2 UNUSED	9896497	9923588
	COMM 3 UNUSED	9897398	9916963
	COMM 4 UNUSED	9894424	9916852
	COMM 5 RS485 SERIAL BD	69039	68965
	COMM 6 RS232 SERIAL BD	15052	15044

I60100
NOV 5, 2014 12:21 PM
TANK CONFIGURATION

DEVICE	LABEL	CONFIGURED
1	REG 87	ON
2	SUPRE 91	ON
3		OFF
4		OFF

I60200
NOV 5, 2014 12:21 PM
TANK PRODUCT LABEL

TANK	PRODUCT LABEL
1	REG 87
2	SUPRE 91
3	
4	

I60300
NOV 5, 2014 12:21 PM
TANK PRODUCT CODE

TANK	PRODUCT LABEL	
1	REG 87	1
2	SUPRE 91	2
3		3
4		4

I60400
NOV 5, 2014 12:21 PM
TANK FULL VOLUME

TANK	PRODUCT LABEL	GALLONS
1	REG 87	19703
2	SUPRE 91	11849
3		0
4		0

I60700
NOV 5, 2014 12:21 PM
TANK DIAMETER

TANK	PRODUCT LABEL	INCHES
1	REG 87	117.75
2	SUPRE 91	117.75
3		0.00
4		0.00

I60900
NOV 5, 2014 12:21 PM
TANK THERMAL COEFFICIENT

TANK	PRODUCT LABEL	
1	REG 87	0.000700
2	SUPRE 91	0.000700
3		0.000000
4		0.000000

I61200
NOV 5, 2014 12:21 PM
TANK MANIFOLDED PARTNERS

TANK	PRODUCT LABEL	SIPHON MANIFOLDED TANKS	LINE MANIFOLDED TANKS
1	REG 87	NONE	NONE
2	SUPRE 91	NONE	NONE
3		NONE	NONE
4		NONE	NONE

I62100
NOV 5, 2014 12:21 PM
TANK LOW PRODUCT LIMIT

TANK	PRODUCT LABEL	GALLONS
1	REG 87	500
2	SUPRE 91	500
3		0
4		0

I62200
NOV 5, 2014 12:21 PM
TANK HIGH PRODUCT LIMIT

TANK	PRODUCT LABEL	GALLONS
1	REG 87	18718
2	SUPRE 91	11256

3	0
4	0

I62300
NOV 5, 2014 12:21 PM
TANK OVERFILL LEVEL LIMIT

TANK	PRODUCT LABEL	GALLONS
1	REG 87	17732
2	SUPRE 91	10664
3		0
4		0

I62400
NOV 5, 2014 12:21 PM
TANK HIGH WATER LEVEL LIMIT

TANK	PRODUCT LABEL	INCHES
1	REG 87	1.0
2	SUPRE 91	1.0

I62800
NOV 5, 2014 12:21 PM
TANK MAXIMUM VOLUME LIMIT

TANK	PRODUCT LABEL	GALLONS
1	REG 87	19703
2	SUPRE 91	11849
3		0
4		0

I62900
NOV 5, 2014 12:21 PM
TANK DELIVERY REQUIRED LIMIT

TANK	PRODUCT LABEL	GALLONS
1	REG 87	985
2	SUPRE 91	592
3		0
4		0

I70300
NOV 5, 2014 12:21 PM

LIQUID TYPE

SENSOR	LOCATION	TYPE
1	REG ANNULAR	TRI-STATE (SINGLE FLOAT)
2	REG FILL SUMP	TRI-STATE (SINGLE FLOAT)
3	REG STP SUMP	TRI-STATE (SINGLE FLOAT)
4	SUPREME ANNU	TRI-STATE (SINGLE FLOAT)
5	SUPREME FILL SUMP	TRI-STATE (SINGLE FLOAT)
6	SUPRERE STP SUMP	TRI-STATE (SINGLE FLOAT)
7	DISP 1-2	TRI-STATE (SINGLE FLOAT)
8	DISP 3-4	TRI-STATE (SINGLE FLOAT)
9	DISP 5-6	TRI-STATE (SINGLE FLOAT)
10	DISP 7-8	TRI-STATE (SINGLE FLOAT)
11	WASTE OIL ANNU	TRI-STATE (SINGLE FLOAT)

12	WASTE OIL SUMP	TRI-STATE (SINGLE FLOAT)
13	WASTE OIL OVERFILL	TRI-STATE (SINGLE FLOAT)
14		TRI-STATE (SINGLE FLOAT)
15		TRI-STATE (SINGLE FLOAT)
16		TRI-STATE (SINGLE FLOAT)

I72100
NOV 5, 2014 12:21 PM
SMART SENSOR CONFIGURATION

DEVICE	LABEL	CONFIGURED
1	PRESS SEN	ON
2	VAPOR VALVE	ON
3	VFM 1-2	ON
4	VFM 3-4	ON
5	VFM 5-6	ON
6	VFM 7-8	ON
7		OFF
8	ATM P SENSOR	ON

I72200
NOV 5, 2014 12:21 PM
SMART SENSOR LABEL

DEVICE	LABEL
1	PRESS SEN
2	VAPOR VALVE
3	VFM 1-2
4	VFM 3-4
5	VFM 5-6
6	VFM 7-8
7	
8	ATM P SENSOR

I72900
NOV 5, 2014 12:21 PM
VACUUM SENSOR PUMP NUMBER

DEVICE	LABEL	PUMP NUMBER

I72A00
NOV 5, 2014 12:21 PM

VACUUM SENSOR VOLUME

DEVICE	LABEL	VOLUME

I72B00
NOV 5, 2014 12:21 PM
VACUUM SENSOR RELIEF VALVE PRESENT

DEVICE	LABEL	RELIEF VALVE

I72C00
NOV 5, 2014 12:21 PM

VACUUM SENSOR RELIEF VALVE PRESSURE

DEVICE LABEL RELIEF VALVE PRESSURE

I90200
NOV 5, 2014 12:21 PM
SOFTWARE REVISION LEVEL
VERSION 329.01
SOFTWARE# 346329-100-B
CREATED - 09.01.29.15.44

S-MODULE# 330160-004-a
SYSTEM FEATURES:
  PERIODIC IN-TANK TESTS
  ANNUAL IN-TANK TESTS
  ISD

I11100
NOV 5, 2014 12:21 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

PRIORITY ALARM HISTORY

ID	CATEGORY	DESCRIPTION	ALARM TYPE	STATE	DATE	TIME
L 4	ANNULAR	SUPREME ANNU	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 4	ANNULAR	SUPREME ANNU	FUEL ALARM	ALARM	11-05-14	11:18AM
L 3	STP SUMP	REG STP SUMP	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 2	PIPE	REG FILL SUMP	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 8	DISP PAN	DISP 3-4	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 7	DISP PAN	DISP 1-2	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 1	ANNULAR	REG ANNULAR	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 6	STP SUMP	SUPRERE STP SUMP	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 5	PIPE	SUPREME FILL SUMP	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L10	DISP PAN	DISP 7-8	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L12	PIPE	WASTE OIL SUMP	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L 9	DISP PAN	DISP 5-6	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L13	OTHER	WASTE OIL OVERFILL	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L11	ANNULAR	WASTE OIL ANNU	SENSOR OUT ALARM	CLEAR	11-05-14	11:18AM
L13	OTHER	WASTE OIL OVERFILL	SENSOR OUT ALARM	ALARM	11-05-14	11:18AM
L12	PIPE	WASTE OIL SUMP	SENSOR OUT ALARM	ALARM	11-05-14	11:18AM
L11	ANNULAR	WASTE OIL ANNU	SENSOR OUT ALARM	ALARM	11-05-14	11:18AM
L 4	ANNULAR	SUPREME ANNU	SENSOR OUT ALARM	ALARM	11-05-14	11:18AM
L 4	ANNULAR	SUPREME ANNU	FUEL ALARM	CLEAR	11-05-14	11:18AM
L10	DISP PAN	DISP 7-8	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 3	STP SUMP	REG STP SUMP	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 9	DISP PAN	DISP 5-6	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 8	DISP PAN	DISP 3-4	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 2	PIPE	REG FILL SUMP	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 7	DISP PAN	DISP 1-2	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 6	STP SUMP	SUPRERE STP SUMP	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 1	ANNULAR	REG ANNULAR	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L 5	PIPE	SUPREME FILL SUMP	SENSOR OUT ALARM	ALARM	11-05-14	11:17AM
L12	PIPE	WASTE OIL SUMP	FUEL ALARM	CLEAR	11-05-14	11:14AM
L12	PIPE	WASTE OIL SUMP	FUEL ALARM	ALARM	11-05-14	11:14AM
L11	ANNULAR	WASTE OIL ANNU	FUEL ALARM	CLEAR	11-05-14	11:13AM
L11	ANNULAR	WASTE OIL ANNU	FUEL ALARM	ALARM	11-05-14	11:13AM
L10	DISP PAN	DISP 7-8	FUEL ALARM	CLEAR	11-05-14	11:12AM
L10	DISP PAN	DISP 7-8	FUEL ALARM	ALARM	11-05-14	11:12AM

L 9	DISP PAN	DISP 5-6	FUEL ALARM	CLEAR	11-05-14 11:11AM
L 9	DISP PAN	DISP 5-6	FUEL ALARM	ALARM	11-05-14 11:11AM
L 8	DISP PAN	DISP 3-4	FUEL ALARM	CLEAR	11-05-14 11:11AM
L 8	DISP PAN	DISP 3-4	FUEL ALARM	ALARM	11-05-14 11:10AM
L 7	DISP PAN	DISP 1-2	FUEL ALARM	CLEAR	11-05-14 11:10AM
L 7	DISP PAN	DISP 1-2	FUEL ALARM	ALARM	11-05-14 11:10AM
L 3	STP SUMP	REG STP SUMP	FUEL ALARM	CLEAR	11-05-14 11:09AM
L 3	STP SUMP	REG STP SUMP	FUEL ALARM	ALARM	11-05-14 11:09AM
L 2	PIPE	REG FILL SUMP	FUEL ALARM	CLEAR	11-05-14 11:09AM
L 2	PIPE	REG FILL SUMP	FUEL ALARM	ALARM	11-05-14 11:08AM
L 1	ANNULAR	REG ANNULAR	FUEL ALARM	CLEAR	11-05-14 11:06AM
L 1	ANNULAR	REG ANNULAR	FUEL ALARM	ALARM	11-05-14 11:06AM
L 1	ANNULAR	REG ANNULAR	FUEL ALARM	CLEAR	11-05-14 11:06AM
L 1	ANNULAR	REG ANNULAR	FUEL ALARM	CLEAR	11-05-14 11:06AM
L 4	ANNULAR	SUPREME ANNU	FUEL ALARM	ALARM	11-05-14 11:05AM
L 4	ANNULAR	SUPREME ANNU	FUEL ALARM	ALARM	11-05-14 11:05AM

I11200
NOV 5, 2014 12:22 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

NON-PRIORITY ALARM HISTORY

ID	CATEGORY	DESCRIPTION	ALARM TYPE	STATE	DATE	TIME
	SYSTEM		PRINTER ERROR	CLEAR	8-26-14	4:11PM
	SYSTEM		PAPER OUT	CLEAR	8-26-14	4:11PM
	SYSTEM		PAPER OUT	ALARM	8-26-14	4:11PM
	SYSTEM		PRINTER ERROR	ALARM	8-26-14	4:11PM
	SYSTEM		PRINTER ERROR	CLEAR	8-05-14	10:48AM
	SYSTEM		PAPER OUT	CLEAR	8-05-14	10:48AM
	SYSTEM		PRINTER ERROR	ALARM	8-05-14	10:48AM
	SYSTEM		PAPER OUT	ALARM	8-05-14	10:48AM
	SYSTEM		PRINTER ERROR	CLEAR	8-05-14	10:48AM
	SYSTEM		PAPER OUT	CLEAR	8-05-14	10:48AM
	SYSTEM		PRINTER ERROR	ALARM	8-05-14	10:48AM
	SYSTEM		PAPER OUT	ALARM	8-05-14	10:48AM
	SYSTEM		PRINTER ERROR	CLEAR	8-05-14	10:48AM
	SYSTEM		PAPER OUT	CLEAR	8-05-14	10:48AM
	SYSTEM		PRINTER ERROR	ALARM	8-04-14	11:00PM
	SYSTEM		PAPER OUT	ALARM	8-04-14	11:00PM
	OTHER		ISD VAPOR LEAK WARN	CLEAR	5-23-14	9:00AM
	OTHER		ISD VAPOR LEAK WARN	ALARM	5-16-14	9:01AM
	OTHER		ISD VAPOR LEAK WARN	CLEAR	5-09-14	9:00AM
	OTHER		ISD VAPOR LEAK WARN	ALARM	5-08-14	9:01AM
	SYSTEM		PRINTER ERROR	CLEAR	5-05-14	4:54PM
	SYSTEM		PAPER OUT	CLEAR	5-05-14	4:54PM
	SYSTEM		PAPER OUT	ALARM	5-05-14	4:54PM
	SYSTEM		PRINTER ERROR	ALARM	5-05-14	4:53PM
	SYSTEM		PRINTER ERROR	CLEAR	5-05-14	4:53PM
	SYSTEM		PRINTER ERROR	ALARM	5-05-14	4:53PM
	SYSTEM		PRINTER ERROR	CLEAR	5-05-14	4:53PM
	SYSTEM		PAPER OUT	CLEAR	5-05-14	4:53PM
	SYSTEM		PRINTER ERROR	ALARM	5-02-14	11:00PM
	SYSTEM		PAPER OUT	ALARM	5-02-14	11:00PM
T 1	TANK	REG 87	DELIVERY NEEDED	ALARM	4-18-14	2:16PM
T 1	TANK	REG 87	DELIVERY NEEDED	CLEAR	4-12-14	12:00AM
T 1	TANK	REG 87	INVALID FUEL LEVEL	CLEAR	4-11-14	11:59PM
T 1	TANK	REG 87	INVALID FUEL LEVEL	ALARM	4-11-14	9:54PM
T 1	TANK	REG 87	DELIVERY NEEDED	ALARM	4-11-14	6:38PM
T 2	TANK	SUPRE 91	DELIVERY NEEDED	CLEAR	4-08-14	8:10PM

T 2 TANK	SUPRE 91	DELIVERY NEEDED	ALARM	4-08-14	6:27PM
SYSTEM		PRINTER ERROR	CLEAR	3-07-14	7:18AM
SYSTEM		PRINTER ERROR	ALARM	3-07-14	7:18AM
SYSTEM		PRINTER ERROR	CLEAR	3-07-14	7:17AM
SYSTEM		PRINTER ERROR	ALARM	3-07-14	7:17AM
SYSTEM		PRINTER ERROR	CLEAR	3-07-14	7:17AM
SYSTEM		PAPER OUT	CLEAR	3-07-14	7:17AM
SYSTEM		PAPER OUT	ALARM	3-07-14	7:16AM
SYSTEM		PRINTER ERROR	ALARM	3-07-14	7:16AM
SYSTEM		PRINTER ERROR	CLEAR	3-07-14	7:15AM
SYSTEM		PRINTER ERROR	ALARM	3-07-14	7:14AM
SYSTEM		PRINTER ERROR	CLEAR	3-07-14	12:31AM
SYSTEM		PAPER OUT	CLEAR	3-07-14	12:31AM
SYSTEM		PRINTER ERROR	ALARM	3-07-14	12:30AM

IA0100
NOV 5, 2014 12:22 PM

		TYPE	CODE	LENGTH	SERIAL NO.	D/CODE
TANK 1	REG 87	MAG	C000	120.00	487387	1704
TANK 2	SUPRE 91	MAG	C000	120.00	477430	1704

IA0200
NOV 5, 2014 12:22 PM

TANK 1	REG 87	MAG	GRADIENT = 349.9100
TANK 2	SUPRE 91	MAG	GRADIENT = 349.7000

I20600
NOV 5, 2014 12:22 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

TANK ALARM HISTORY

TANK 1	REG 87	
	OVERFILL ALARM	DEC 24, 2013 5:49 PM
		JAN 22, 2013 12:59 PM
		AUG 11, 2012 12:59 PM
	INVALID FUEL LEVEL	APR 11, 2014 9:54 PM
	DELIVERY NEEDED	APR 18, 2014 2:16 PM
		APR 11, 2014 6:38 PM
		MAR 29, 2012 7:43 PM
TANK 2	SUPRE 91	
	OVERFILL ALARM	FEB 25, 2012 4:27 PM
	DELIVERY NEEDED	APR 8, 2014 6:27 PM

IB0100
NOV 5, 2014 12:22 PM
LIQUID DIAGNOSTIC REPORT

SENSOR	SAMPLE COUNTER	HIGH REF	LOW REF	VALUE
1	5	949	159	97030
2	5	949	159	101163
3	5	949	159	100729
4	5	949	159	0
5	5	948	159	101359
6	5	948	159	101843

7	5	948	159	101420
8	5	948	159	101237
9	5	949	159	101202
10	5	949	159	101262
11	5	949	159	100903
12	5	949	159	100853
13	5	949	159	101042
14	5	949	159	421514336
15	5	949	159	419469632
16	5	949	159	402157984

I30200
NOV 5, 2014 12:22 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

LIQUID ALARM HISTORY REPORT

SENSOR	LOCATION		
1	REG ANNULAR		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:06 AM		FUEL ALARM
	NOV 5, 2014 11:06 AM		FUEL ALARM
2	REG FILL SUMP		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:08 AM		FUEL ALARM
	NOV 3, 2014 10:08 AM		FUEL ALARM
3	REG STP SUMP		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:09 AM		FUEL ALARM
	OCT 17, 2013 1:42 PM		SENSOR OUT ALARM
4	SUPREME ANNU		
	NOV 5, 2014 11:18 AM		FUEL ALARM
	NOV 5, 2014 11:18 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:05 AM		FUEL ALARM
5	SUPREME FILL SUMP		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:04 AM		FUEL ALARM
	OCT 17, 2013 1:42 PM		SENSOR OUT ALARM
6	SUPRERE STP SUMP		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:02 AM		FUEL ALARM
	OCT 17, 2013 1:42 PM		SENSOR OUT ALARM
7	DISP 1-2		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:10 AM		FUEL ALARM
	OCT 17, 2013 1:42 PM		SENSOR OUT ALARM
8	DISP 3-4		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:10 AM		FUEL ALARM
	OCT 17, 2013 1:42 PM		SENSOR OUT ALARM
9	DISP 5-6		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:11 AM		FUEL ALARM
	OCT 17, 2013 1:42 PM		SENSOR OUT ALARM
10	DISP 7-8		
	NOV 5, 2014 11:17 AM		SENSOR OUT ALARM
	NOV 5, 2014 11:12 AM		FUEL ALARM
	OCT 17, 2013 1:42 PM		SENSOR OUT ALARM

```
    11  WASTE OIL ANNU
        NOV  5, 2014 11:18 AM         SENSOR OUT ALARM
        NOV  5, 2014 11:13 AM         FUEL ALARM
        OCT 17, 2013  1:42 PM         SENSOR OUT ALARM
    12  WASTE OIL SUMP
        NOV  5, 2014 11:18 AM         SENSOR OUT ALARM
        NOV  5, 2014 11:14 AM         FUEL ALARM
        OCT  8, 2014  7:18 AM         FUEL ALARM
    13  WASTE OIL OVERFILL
        NOV  5, 2014 11:18 AM         SENSOR OUT ALARM
        NOV  5, 2014 11:16 AM         FUEL ALARM
        OCT 17, 2013  1:30 PM         FUEL ALARM


IB3400
NOV  5, 2014 12:22 PM
SMART SENSOR CHANNEL DATA: LAST SAMPLE

s 1:PRESS SEN
VAPOR PRESSURE
SERIAL NUMBER      10080

14-11-05 12:22:18
       0    1    2    3    4    5    6    7    8    9
00   B50B 3DE3 E6BB 0017 6EB1 2760 0000 0004 0A3C 3D68
10   8F0F 0084 80C4 80A4 0104 1AB9 1228 0F79 0F7A 3D68
20   7094 0032 0400 5E0D
s 2:VAPOR VALVE
VAPOR VALVE
SERIAL NUMBER   13090025

14-11-05 12:22:12
       0    1    2    3    4    5    6    7    8    9
00   B71A 0000 0000 0000 0000 0000 0000 0000 0209 003E
10   36E6 011E 0103 00FF 003E 36E8 0003 B573 BCE9 00C7
20   000E 1403 0001 0001 0139 03BC 00E0 0144 8104 80E4
30   00C0 00C0 AC42 0001 0001 0001 0001 0001 0001 0002
40   0002 0002 0002 0002 0002
s 3:VFM 1-2
AIR FLOW METER
SERIAL NUMBER      42143

14-11-05 12:21:56
       0    1    2    3    4    5    6    7    8    9
00   B420 0101 0101 0101 0101 0101 0101 0101 0101 0101
10   0101 0101 0101 0101 0101 0101 0101 0101 0101 0101
20   0101 F42F 0000 C4EB 00EF 863D A49F 0000 0001 01F4
30   6E3B 707C 0324 80C4 8084 871C
s 4:VFM 3-4
AIR FLOW METER
SERIAL NUMBER      42296

14-11-05 12:22:00
       0    1    2    3    4    5    6    7    8    9
00   B420 0303 0303 0303 0303 0303 0303 0303 0303 0303
10   0303 0303 0303 0303 0303 0303 0303 0303 0303 0303
20   0303 F440 0000 C541 00EF 3946 A538 0000 0001 01F4
30   6E3B B8C6 0324 80C4 8084 871C
s 5:VFM 5-6
AIR FLOW METER
SERIAL NUMBER      52149

14-11-05 12:22:04
```

```
       0    1    2    3    4    5    6    7    8    9
00   B420 0101 0101 0101 0101 0101 0101 0101 0101 0101
10   0101 0101 0101 0101 0101 0101 0101 0101 0101 0101
20   0101 F456 0000 C5AF 00EF F8BF CBB5 0000 0001 01F4
30   6E3B C8B4 0324 80C4 8084 871C
s 6:VFM 7-8
AIR FLOW METER
SERIAL NUMBER      52147
14-11-05 12:22:10
       0    1    2    3    4    5    6    7    8    9
00   B420 026C 026C 026C 026C 026C 026C 026C 026C 026C
10   026C 026C 026C 026C 026C 026C 026C 026C 026C 026C
20   026C F46F 0000 C62C 00EF 7440 CBB3 0000 0001 01F4
30   6E3B D754 0324 80C4 8084 871C
s 8:ATM P SENSOR
ATM P SENSOR
SERIAL NUMBER       4216

14-11-05 12:22:06
       0    1    2    3    4    5    6    7    8    9
00   B61D 0000 0000 0000 0000 0000 0000 0000 0000 0000
10   0000 0000 0000 0000 0000 0000 0000 4E01 1480 1078
20   0000 000A 0261 0002 0001 0001 07D0 4E20 4BE9 0200
30   0044 8144 80C4 80E4 8629 9334 6739 943C 9F56 2D79
40   2E18 C234



IB3500
NOV  5, 2014 12:22 PM
SMART SENSOR SERIAL NUMBER

SENSOR LABEL                    TYPE        SERIAL NUMBER  DATE CODE
     1 PRESS SEN           004-VAPOR PRESSURE      10080   ----
     2 VAPOR VALVE         014-VAPOR VALVE      13090025       5123
     3 VFM 1-2             001-AIR FLOW METER      42143   ----
     4 VFM 3-4             001-AIR FLOW METER      42296   ----
     5 VFM 5-6             001-AIR FLOW METER      52149   ----
     6 VFM 7-8             001-AIR FLOW METER      52147   ----
     8 ATM P SENSOR        010-ATM P SENSOR         4216        609



IB3600
NOV  5, 2014 12:22 PM

SMART SENSOR CONSTANTS DIAGNOSTIC

s 1:PRESS SEN

VAPOR PRESSURE
SERIAL NUMBER      10080
s 2:VAPOR VALVE

VAPOR VALVE
SERIAL NUMBER   13090025

MODEL                  1
SOFTWARE VERSION     313

s 3:VFM 1-2

AIR FLOW METER
```

SERIAL NUMBER 42143
s 4:VFM 3-4
AIR FLOW METER
SERIAL NUMBER 42296
s 5:VFM 5-6

AIR FLOW METER
SERIAL NUMBER 52149
s 6:VFM 7-8
AIR FLOW METER
SERIAL NUMBER 52147
s 8:ATM P SENSOR

ATM P SENSOR
SERIAL NUMBER 4216
MODEL 1
SOFTWARE VERSION 1
SLOPE 2000.0
OFFSET 20000.0

I31600
NOV 5, 2014 12:22 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

SMART SENSOR ALARM HISTORY REPORT

SENSOR	LOCATION		
1	PRESS SEN		
2	VAPOR VALVE		
	MAY 23, 2013 12:22 PM		COMMUNICATION ALARM
	MAY 23, 2013 11:28 AM		COMMUNICATION ALARM
	MAY 23, 2013 11:17 AM		COMMUNICATION ALARM
3	VFM 1-2		
4	VFM 3-4		
5	VFM 5-6		
	JAN 29, 2009 9:00 AM		COMMUNICATION ALARM
6	VFM 7-8		
	JAN 29, 2009 9:00 AM		COMMUNICATION ALARM
8	ATM P SENSOR		

IB3800
NOV 5, 2014 12:22 PM

IB3900
NOV 5, 2014 12:22 PM

I20700
NOV 5, 2014 12:22 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

TANK LEAK TEST HISTORY
T 1:REG 87

LAST GROSS TEST PASSED:

NO TEST PASSED
LAST ANNUAL TEST PASSED:

NO TEST PASSED

FULLEST ANNUAL TEST PASS
NO TEST PASSED
LAST PERIODIC TEST PASS:
NO TEST PASSED
FULLEST PERIODIC TEST
PASSED EACH MONTH:
TEST START TIME HOURS VOLUME % VOLUME TEST TYPE

TANK LEAK TEST HISTORY

T 2:SUPRE 91
LAST GROSS TEST PASSED:
NO TEST PASSED
LAST ANNUAL TEST PASSED:
NO TEST PASSED
FULLEST ANNUAL TEST PASS

NO TEST PASSED

LAST PERIODIC TEST PASS:

NO TEST PASSED

FULLEST PERIODIC TEST
PASSED EACH MONTH:

TEST START TIME HOURS VOLUME % VOLUME TEST TYPE

I30100
NOV 5, 2014 12:22 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702
LIQUID STATUS REPORT

SENSOR	LOCATION	STATUS
1	REG ANNULAR	SENSOR NORMAL
2	REG FILL SUMP	SENSOR NORMAL
3	REG STP SUMP	SENSOR NORMAL
4	SUPREME ANNU	SENSOR NORMAL
5	SUPREME FILL SUMP	SENSOR NORMAL
6	SUPRERE STP SUMP	SENSOR NORMAL
7	DISP 1-2	SENSOR NORMAL
8	DISP 3-4	SENSOR NORMAL
9	DISP 5-6	SENSOR NORMAL
10	DISP 7-8	SENSOR NORMAL
11	WASTE OIL ANNU	SENSOR NORMAL
12	WASTE OIL SUMP	SENSOR NORMAL
13	WASTE OIL OVERFILL	SENSOR NORMAL

I30600
NOV 5, 2014 12:22 PM

I31100
NOV 5, 2014 12:22 PM

I34100
NOV 5, 2014 12:22 PM

I34600
NOV 5, 2014 12:22 PM

I34B00
NOV 5, 2014 12:22 PM

I35100
NOV 5, 2014 12:22 PM

I37400
NOV 5, 2014 12:22 PM

I38900
NOV 5, 2014 12:22 PM

IC0500
NOV 5, 2014 12:22 PM

I31500
NOV 5, 2014 12:22 PM
ARCO 414
3000 SHATTUCK AVE
BERKELEY CA
94702

SMART SENSOR STATUS REPORT

SENSOR	LOCATION	STATUS
1	PRESS SEN	SENSOR NORMAL
2	VAPOR VALVE	SENSOR NORMAL
3	VFM 1-2	SENSOR NORMAL
4	VFM 3-4	SENSOR NORMAL
5	VFM 5-6	SENSOR NORMAL
6	VFM 7-8	SENSOR NORMAL
8	ATM P SENSOR	SENSOR NORMAL

I31900
NOV 5, 2014 12:22 PM

W.O.# NW1-2320535

Tanknology Inc.

JOB CLEARANCE FORM & SITE SAFETY CHECKLIST – OVF

Site Name/#:	Street Address:	W.O.#
RANDOM RT 57	3400 SHATTUCK AVE	2320535

Arrival Time:	Departure Time:	Travel Time:	Drive or Fly:	Date:
8915	1350			11 03 14

Scope of Work (incl. Tasks Performed) (SAFs must be available for all tasks):

ATG CO SR

Repairs or Equipment or Parts Provided:

Follow-up actions required; equipment installed; comments: UNABLE TO PASS PRESSURE-LIFT PASS THE SHUTTLE NOZZLE REMOVED

SR PROBES & SENSORS TESTED FOR PROPER FUNCTION

PPE - PERSONAL PROTECTIVE EQUIPMENT REQUIRED (Check items used or mark ~ if not applicable)

☑ Safety Vest	☐ Safety Glasses	☑ Gloves	☐ Hearing Protection
☑ Steel Toe Boots	☐ Splash Goggles	☐ Hard Hat	☐ Other

✓ PRE-TEST PROCEDURES (Check each item completed or mark ~ if not applicable)

1. ☑ Discuss safety procedures with site personnel. Nearest hospital: _____
2. ☑ Prior to fuel deliveries the LIST system must be placed back into working order.
3. ☑ Secure entire work area with barricades (cones, flags, and caution tape, permanent flags, or other perimeter guard).
4. ☑ Place fire extinguishers and "No Smoking" signs in the work area.
5. ☐ Implement Lockout/Tagout per API 1646 (when accessing product piping during tests)
   - ☑ All applicable equipment disabled during test(s).
   - ☑ Secure circuit breaker(s) with lockout devices and tags.
   - ☑ Secure nozzles with "Out of Service" tags and nylon ties.
   - ☑ Verify LOTO is complete by trying to operate pumps.
   - ☐ Close "ball" valves or check valves on product pipng.
   - ☐ Disconnect electrical "bayonet" connection from the STP(s).

SIGN IN	Lead Technician Name	Lead Technician Signature
General Safety Checks: All site personnel have been informed. Fuel delivery has been informed. Is a fuel delivery due today? _____ LOTO procedures have been discussed and agreed. Work areas barricaded to protect workers, staff & public.	A Gomez	
	Site Representative Name	Site Representative Signature
	GERARD KEOWA	Agent of Chestnut
	I have discussed job clearance form with technician.	

✓ POST-TEST PROCEDURES (Check each item completed or mark ~ if not applicable)

1. ☑ Remove all "Lockout/Tagout" devices.
2. ☑ Run all pumps and verify there are no leaks:
   - ☐ Leak Detector Threads on STP's
   - ☑ Impact Valve Test Ports under dispensers
   - ☐ Functional Elements & Relief Screws
3. ☐ Install lead wire seal on all test plugs & leak detectors that were serviced.
   Count LD threads: L1 ___ L2 ___ L3 ___ L4 ___ L5 ___ L6 ___
4. ☑ Check following components operational:
   - ☐ Ball floats, dry breaks & caps
   - ☑ Containment sumps are dry
   - ☑ Dispenser panels are replaced
   - ☑ Leak detectors & vent tubes
   - ☑ Monitoring system is operational
   - ☐ Siphon lines and manifold valves
   - ☐ STP fittings and bayonet connectors
   - ☑ ATG probes, sensors, & caps
   - ☐ Cathodic protection operational
   - ☑ Dispensers & POS operational
   - ☑ Drop tubes, fill adapters & caps
   - ☑ Manhole covers and sump lids
   - ☑ Shear valves are open
   - ☐ Siphon lines and manifold valves
   - ☐ Vents (not capped, plugged or isolated)
5. ☑ Remove barricades.

SIGN OUT & Operator Verification of Work (OVF)	Lead Technician Name	Lead Technician Signature
General Safety Checks: Work area has been left tidy & safe. Site staff are aware of work status including any remaining isolation. Changes to equipment are documented and communicated. All incidents, near incidents, and unsafe situations reported.	A Gomez	
	Site Representative Name	Site Representative Signature
	GERARD KEOWA	

Site Representative Comments:

COMPANY CONFIDENTIAL

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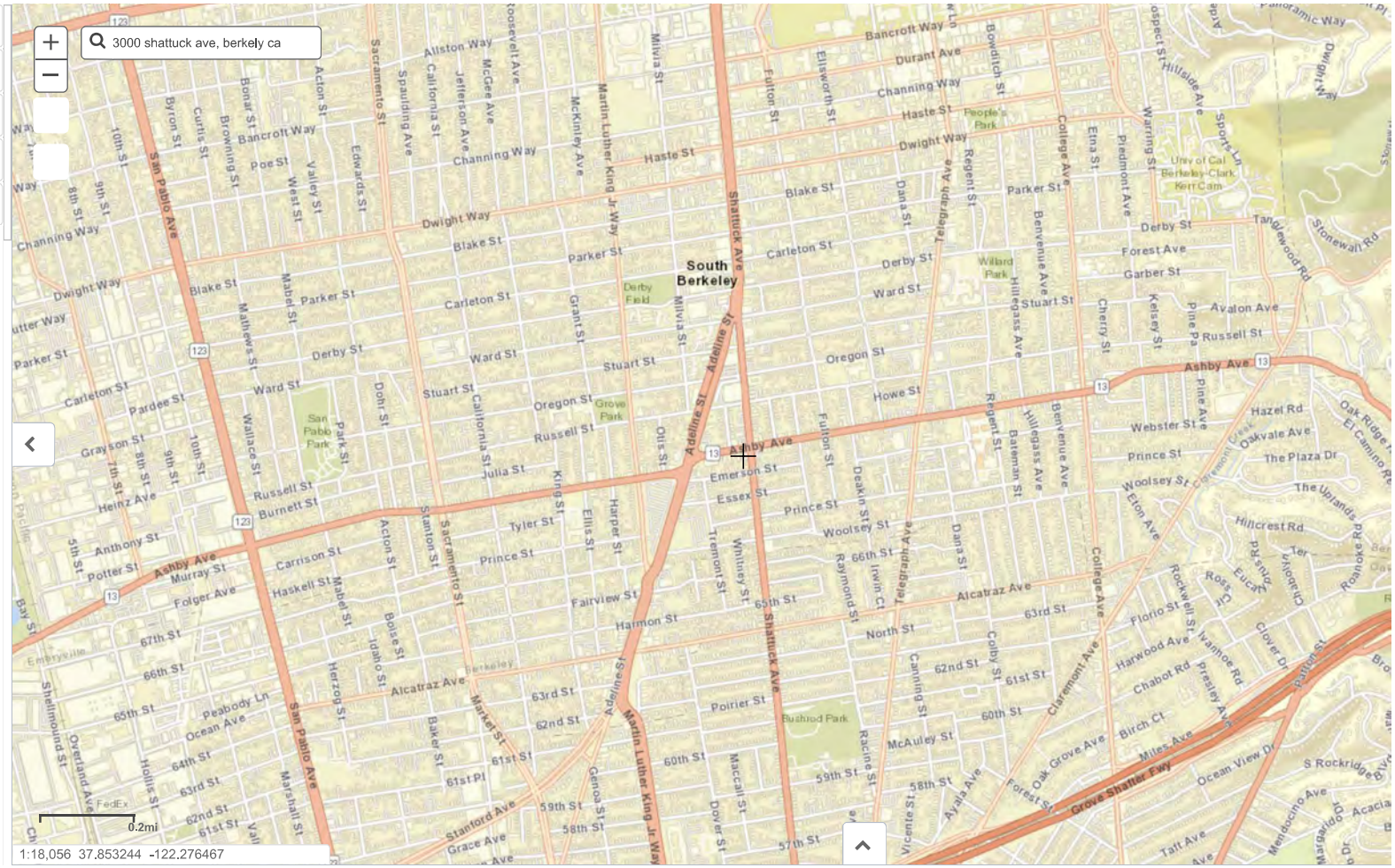
Printed copies of this document are uncontrolled. The current version is available in the Tanknology On-Line Document Control System.

Well Finder
CalGEM GIS

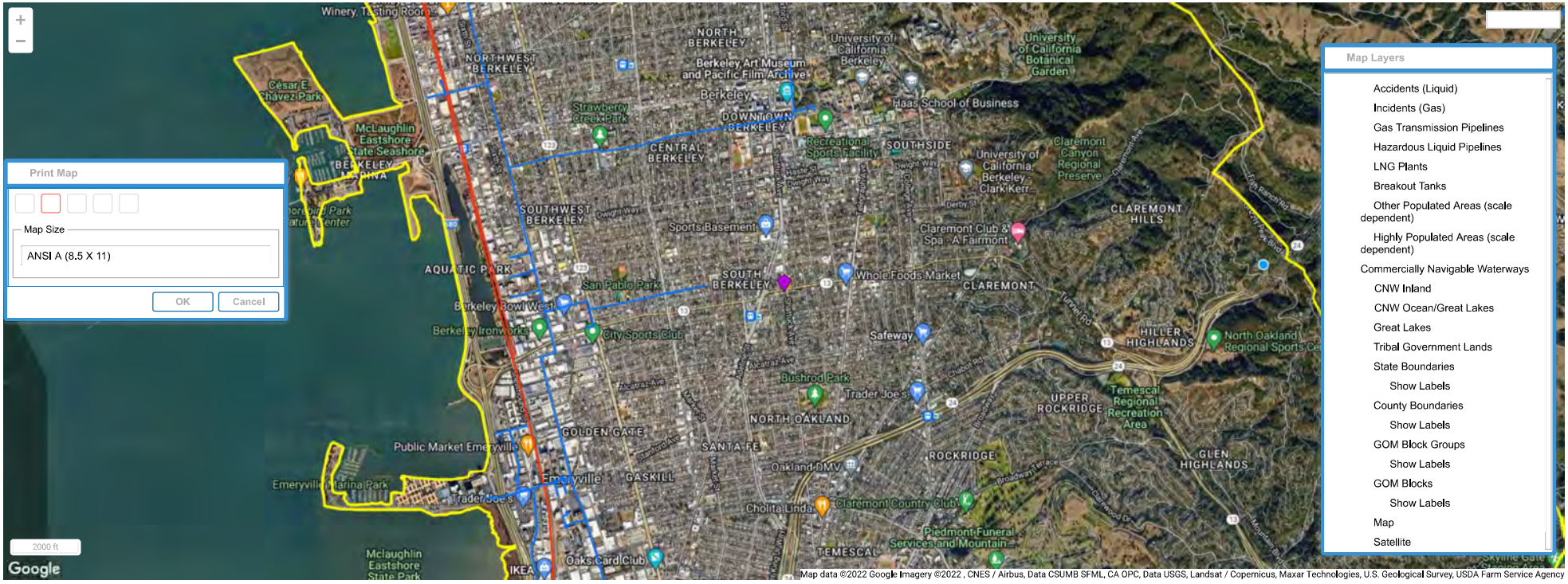
More Info | Help | ©

- Well Status and Well Type Filter
- Search
- Zoom to Field
- Measurement
- Layers
  - Notice and Permit
  - Well
    - Well
      - Active Gas: Dry Gas; Liquid Gas
      - Active Oil and Gas
      - Active Gas Storage
      - Active Injectors: Air Injector; Gas Disposal; Pressure Maintenance; Steam Flood; Water Disposal; Water Flood
      - Active Cyclic Steam
      - Active Water Source
      - Active Observation
      - Active well of Unknown type
      - Active Multipurpose
      - Active Dry Hole
      - Active Core Hole
      - Canceled Gas: Dry Gas; Liquid Gas
      - Canceled Oil and Gas
      - Canceled Gas Storage
      - Canceled Injectors: Air Injector; Gas Disposal; Pressure Maintenance; Steam Flood; Water Disposal; Water Flood



Change County Close Public Viewer

Map Layers | Query Tools | 3000 Shattuck Ave, Berkeley, CA | Help



Failed | Zoom Level: 14 of 19 (1:24,000) Closest Zoom for Pipelines | (lat,long): 37.857351, -122.216230 | Map Showing Pipelines in: Alameda, CA

©USDOT PHMSA All rights reserved

GEM Group

From: Marian Hsu <Marian.Hsu@acwd.com>
Sent: Tuesday, March 1, 2022 6:56 AM
To: GEM Group
Subject: FW: Online Form Submittal: ACWD Records Request Form

We are only able to provide records requests pertaining to Fremont, Newark, or Union City, California. Your request is out of our jurisdiction.

Thank you,
Marian

Marian Hsu
Admin. Assistant/Assistant District Secretary
marian.hsu@acwd.com
Direct line: 510.668.4228
Office of the General Manager
Alameda County Water District

COVID-19 Update:
ACWD's lobby is now open Monday-Friday, 9:00 a.m. to 4:00 p.m. for customer-service related items.

From: noreply@civicplus.com <noreply@civicplus.com>
Sent: Friday, February 25, 2022 9:28 PM
To: Gina Markou <Gina.Markou@acwd.com>; Marian Hsu <Marian.Hsu@acwd.com>
Subject: Online Form Submittal: ACWD Records Request Form

CAUTION: This email originated from outside of the District. Do not click links or open attachments unless you recognize the sender and know the content is safe.

ACWD Records Request Form

Instructions
Use this form to request water-related records pertaining to Fremont, Newark, or Union City. Please read the following instructions prior to completing the form.

1. Provide contact information and describe the records as specifically as possible. You will be contacted once the records are assembled.

2. For duplication requests, you will be notified of an estimated amount due. Copies will be made upon receipt of payment. If more than 25 copies are made, you will be charged 10 cents/page (15 cents for larger than 11x17) and 75 cents per CD. Each certification is $1. Postage will be charged if applicable. For data compilation,

extraction, or programming needed to produce records, there will be a $50/hour charge for all time expended in excess of 15 minutes.

3. You will be notified within 10 days of the status of your request. You will then have 10 days to inspect the records. Requests expire 20 days from the date of request. For additional questions, please call (510) 668-4202.

(Section Break)

Your Contact Info:

First Name	Mike
Last Name	Erving
Organization (if any)	Gem Group
Address1	967 Kendall Drive, Suite A-324
City	San Bernardino
State	CA
Zip	92407
Daytime Phone #	(626) 513-5095
Fax #	*Field not completed.*
Email Address	gem@mygemgroup.com

(Section Break)

Records Request Information

We are only able to fulfill requests for water-related information pertaining to Fremont, Newark, or Union City, California.

I am interested in the following records:	In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at: 3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705 (If useful, the parcel numbers are 53-1592-1 and 53-1592-2) Thank you for your help with this project. (Gem Group project 14819 public records request sent 2/25/2022)
I would like the above records...	*Field not completed.*

Email not displaying correctly? View it in your browser.

Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.

GEM Group

From: Public Records <PublicRecords@baaqmd.gov>
Sent: Monday, February 28, 2022 9:21 AM
To: GEM Group
Subject: Public Records Request No. 2022-02-0344

Dear Mike Erving,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
Berkeley

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochele Henderson
Public Records Section
BAAQMD
415-516-1916

Public Records Request

Please use this form to make a request that "reasonably describes an identifiable record or records." (Government Code § 6253) Most requests to the Air District are for records about a particular facility or address. Please enter as much information as you can below so that we understand what records you seek. Please submit a separate form for each facility or address. You may also request any other records by describing them in the "other" box. We will send you an e-mail confirming each request. We will also contact you before starting work if there will be copying or data compilation costs.

Request Details

Request Type *

Address Information

Facility Name (Optional, if known, please include)

Facility Address *

3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705

Facility City *

Berkeley

Facility State *

California

Facility Zipcode (if known)

94705

Air District Facility ID (if known)

Period Covered

1/1/1950 to 2/25/2022

Print Outs

- [x] **Episode**
- [x] **Permit Application**
- [x] **Violation**
- [x] **Complaint**

For Office Use Only *

3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705 , Berkeley

Brief Description (3000 character limit) (Optional)

Good evening,
In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:
3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)
Thank you for your help with this project.
(Gem Group project 14819 public records request sent 2/25/2022)

- [ ] **I will be sending additional documentation for this request.**

(Please e-mail any additional documentation to publicrecords@baaqmd.gov and include the Request Number from the confirming e-mail you receive after you submit this request.)

Requested Delivery Method

Electronic Copy

Submit

I want to...
APN: 53-1592-2
3008 SHATTUCK AVE BERKELEY 94705 - Open in Google Maps
Parcel Information | Tax Information
View Additional Details
53-1590-11-1
53-1587-20-1
53-1587-20-3
53-1592-1
53-1592-26-3
53-1592-25
53-1592-24
53-1587-18
53-1587-13-1
53-1592-23
53-1592-2
53-1587-17
53-1587-13-2
53-1592-3
53-1587-14
53-1587-15
53-1587-16
53-1592-26-2
53-1592-6-1
53-1592-6-2
53-1592-4
Alameda C...
0
20
40ft

Parcel Viewer

Alameda County Assessor's Office

Parcel Search (1)

APN: 53-1592-1

3000 SHATTUCK AVE BERKELEY 94705 -

Open in Google Maps

Parcel Information | Tax Information

Displaying 1 - 1 (Total: 1)

Page 1 of 1

I want to...

GEM Group

To: toxics@cityofberkeley.info
Subject: Public records request (GEM Group project 14819)
Attachments: FileReviewRequestForm_rev041415.pdf

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:
3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705

(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Mike Erving
Junior Geologist
GEM Group, Inc.
Mobile (626) 513-5095
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent 2/25/2022)

File Review Request Form

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

USE THE TAB KEY TO MOVE FROM ONE FIELD TO THE NEXT

Applicant's Name: Mike Erving	Phone: (626) 513-5095
Company's Name: Gem Group, Inc.	Fax:
Reason for Review: Environmental Site Assessment	E-mail: gem@mygemgroup.com

Note: Upon request for a copy or inspection of records, the City shall, within 10 days from receipt of the request, determine whether the request in whole or in part, will be made available and shall promptly notify the person making the request of the determination and the reasons therefore.

Specific File(s) Requested:

1. Facility Name: all property facilities (currently a gas station)	Address: 3000, 3002, 3004, 3006, and 3008 Shattuck Ave, Berkeley, CA
2. Facility Name:	Address:
3. Facility Name:	Address:
4. Facility Name:	Address:
5. Facility Name:	Address:

Note: Facility addresses are required. Maps, trade secret information, and personal phone numbers will not be available for review. (Reference Hazardous Materials Code, BMC Section 15.12.110, and Health and Safety Code, BMC Section 25506)

File Review Guidelines:
Any person reviewing file(s) shall adhere to the following guidelines:
a) Keep file documents in the order found;
b) Do not mark, annotate, underline, or otherwise write on file documents;
c) Removing documents from premises is prohibited.

Photocopying or other reproduction of documents:
Photocopying of a few documents is available upon request at the rate furnished in the Fee Resolution. Request for reproduction of large quantities will be completed offsite and arranged by Toxics Management staff. Applicants may bring their own reproduction equipment.

Applicant's Signature: Ben Keeney Date: 2/25/2022

SUBMIT FORM

FOR CITY OF BERKELEY TMD USE ONLY	Due Date:	Date of Review:	Time of Review:
	Action Date:	Number of Copies:	Cost @ $0.10 each:
	Request completed by:		

1947 Center Street, First Floor, Berkeley, California 94704 | TEL: (510) 981-7460 | TDD: (510) 981-6903 | FAX: (510) 981-7470
Toxics@cityofberkeley.info

Success! Your email was confirmed. ×

Request page preview

Request Visibility: Unpublished

‹ Request #22-209

OPEN

Good evening,
In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:
3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)
City Departments that likely hold responsive records include the fire department, building department, and public works. Thank you for your help with this project.
(Gem Group project 14819 public records request sent 2/25/2022)

Received	**February 25, 2022** via web
Departments	**Multi-Department**
Requester	**Mike Erving** gem@mygemgroup.com 967 Kendall Drive, Suite A-324, San Bernardino, CA 92407 (626) 513-5095 Gem Group, Inc.

Documents

Public (pending)	(none)
Requester	(none)

Staff

Department Assignment Public
Multi-Department
February 25, 2022, 9:57pm

Request Opened Public
Request received via web
February 25, 2022, 9:57pm

GEM Group

To: dehcupafilereview@acgov.org
Subject: Public records request (GEM Group project 14819)

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:
3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Ben Keeney
Geologist Assistant
GEM Group, Inc.
Mobile (909) 527-0408
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent 2/25/2022)

GEM Group

From: dehcupafilereview, Env. Health <dehcupafilereview@acgov.org>
Sent: Monday, February 28, 2022 9:39 AM
To: GEM Group
Subject: Re: Public records request (GEM Group project 14819)

Thank you for contacting Alameda County Department of Environmental Health (ACDEH) Certified Unified Program Agency (CUPA) File Review Request:

Berkeley is out of our jurisdiction.

Please try calling Berkeley City Toxics Management Division - 510-981-7460.

**Please note that ACDEH only has files for sites within its jurisdiction. Many cities within Alameda County are not part of ACDEH CUPA jurisdiction.

In those cases we advise that you try contacting that cities Fire or Planning Departments for any records.

Please view our Jurisdiction List:
https://deh.acgov.org/hazmat-assets/docs/CUPA-jurisdictions.pdf

Thank you,
Joel Dooha-Chambers

Specialist Clerk I- Alameda County CUPA
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
510.567.6702 (x36702)
QIC: 30440
http://deh.acgov.org/

From: GEM Group <gem@mygemgroup.com>
Sent: Friday, February 25, 2022 9:38 PM
To: dehcupafilereview, Env. Health <dehcupafilereview@acgov.org>
Subject: Public records request (GEM Group project 14819)

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:
3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Ben Keeney
Geologist Assistant
GEM Group, Inc.
Mobile (909) 527-0408
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent 2/25/2022)

** This email was sent from an external source. If you do not know the sender, do not click on links or attachments. **

GEM Group

To: info@acpwa.org
Subject: Public records request (GEM Group project 14819)

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:

3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705

(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Mike Erving
Junior Geologist
GEM Group, Inc.
Mobile (626) 513-5095
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent 2/25/2022)

GEM Group

From: Info <Info@acpwa.org>
Sent: Monday, February 28, 2022 8:33 AM
To: GEM Group
Subject: RE: Public records request (GEM Group project 14819)

The addresses provided are within City of Berkeley's jurisdiction. PWA is not responsive to this request. You may want to contact the Alameda County Environmental Health Dept. as well.

http://www.deh.acgov.org
Alameda County Department of Environmental Health

From: GEM Group <gem@mygemgroup.com>
Sent: Friday, February 25, 2022 10:20 PM
To: Info <Info@acpwa.org>
Subject: Public records request (GEM Group project 14819)

Good evening,

In order to perform an environmental site assessment, I request all available documents such as permits, violations, or inspections (between January 1 1950 and today) for the property at:

3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705

(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Mike Erving
Junior Geologist
GEM Group, Inc.
Mobile (626) 513-5095
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent 2/25/2022)

** This email was sent from an external source. If you do not know the sender, do not click on links or attachments. **

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

Total Yearly Tonnage by Waste Code by EPA ID

Selection Criteria:

EPA ID Number:	**CAL000023651**
Entity:	**GENERATOR**
Ship Year:	**2000**
Sorted By:	**Tonnage**
Display:	**All**
Waste Code Selected:	**All**

California Waste Summary:

Ship Year	Waste Code	Total Tons	Category Name
2000	512	10.00000	OTHER EMPTY CONTAINERS >= 30 GALLONS
2000	241	1.66800	TANK BOTTOM WASTE
		Grand Total: 11.6680 Tons	

Non California Waste Summary:

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 03/09/2022

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

Total Yearly Tonnage by Waste Code by EPA ID

Selection Criteria:

EPA ID Number:	**CAL000023651**
Entity:	**GENERATOR**
Ship Year:	**1993**
Sorted By:	**Tonnage**
Display:	**All**
Waste Code Selected:	**All**

California Waste Summary:

Ship Year	Waste Code	Total Tons	Category Name
1993	611	0.84280	CONTAMINATED SOILS FROM SITE CLEAN-UP
		Grand Total: 0.8428 Tons	

Non California Waste Summary:

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 03/09/2022

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

Total Yearly Tonnage by Waste Code by EPA ID

Selection Criteria:

EPA ID Number:	**CAC002792868**
Entity:	**GENERATOR**
Ship Year:	**2014**
Sorted By:	**Tonnage**
Display:	**All**
Waste Code Selected:	**All**

California Waste Summary:

Ship Year	Waste Code	Total Tons	Category Name
2014	343	0.13600	UNSPECIFIED ORGANIC LIQUID MIXTURE

Grand Total: 0.1360 Tons

Non California Waste Summary:

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 03/09/2022

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number: CAC002792868
Name:
BANKRUPTCY ESTATE OF SHAHZADA KHAN
County: ALAMEDA
NAICS: 99999

Status: INACTIVE
Inactive Date: 2/8/2015 9:56:57 AM
Record Entered: 11/9/2014 9:56:57 AM
Last Updated: 2/9/2015 3:00:03 AM

	Name	Address	City	State	Zip Code	Phone
Location	BANKRUPTCY ESTATE OF SHAHZADA KHAN	3000 SHATTUCK AVE	BERKELEY	CA	94705	
Mailing		1 MARKET, LANDMARK, STE 620	SAN FRANCISCO	CA	94105	
Owner	BANKRUPTCY ESTATE OF SHAHZADA KHAN	3000 SHATTUCK AVE	BERKELEY	CA	94705	7326858899
Operator/Contact	ANTHONY R CALASCIBETTA, TRUSTEE	1 MARKET, LANDMARK, STE 620	SAN FRANCISCO	CA	94105	7326858899

Based Only Upon ID Number: **CAC002792868**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDF	ALT. TSDF
2014	1 0.13600	0 0.00000	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage

No Records Found

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

Waste Code Matrix as a spreadsheet

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 03/09/2022

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number:	CAL000023651	**Status:**	INACTIVE
Name:	ARCO PRODUCTS COMPANY	**Inactive Date:**	1/1/2002 12:00:00 AM
County:	ALAMEDA	**Record Entered:**	11/14/1989 12:00:00 AM
NAICS:	N/A	**Last Updated:**	3/17/2003 1:04:24 PM

	Name	Address	City	State	Zip Code	Phone
Location	ARCO PRODUCTS COMPANY	3000 SHATTUCK AVE	BERKELEY	CA	947050000	
Mailing		PO BOX 6038	ARTESIA	CA	907026038	
Owner	ATLANTIC RICHFIELD COMPANY	PO BOX 711508	LOS ANGELES	CA	900710000	2134860494
Operator/Contact	CARLOS RODRIGUEZ/ENV COMPL ADM	INACT PER LTR OWNER CHANGE/REORG	ARTESIA	CA	907026038	7146705366

Based Only Upon ID Number: **CAL000023651**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDF	ALT. TSDF
1993	1 0.84280	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2000	6 11.66800	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2001	2 1.47000	0 0.00000	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage

No Records Found

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

Waste Code Matrix as a spreadsheet

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 03/09/2022

GEM Group

To: Amy.Noyes@acgov.org
Subject: Public records request (GEM Group project 14819)

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at: 3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Ben Keeney
Geologist Assistant
GEM Group, Inc.
Mobile (909) 527-0408
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent to Alameda County FD 2/25/2022)

GEM Group

From: Noyes, Amy E., ACFD <Amy.Noyes@acgov.org>
Sent: Monday, February 28, 2022 8:30 AM
To: GEM Group
Subject: RE: Public records request (GEM Group project 14819)

This area in Berkeley is not in Alameda County Fire Department's jurisdiction. Please contact Berkeley Fire Department at

https://www.cityofberkeley.info/fire/

Best regards,

Amy E. Noyes
Specialist Clerk
6363 Clark Avenue
Dublin, CA 94568
925-833-3473 Ext. 1128
http://acgov.org/fire

Alameda County Fire Department
"Dedicated to superior service"

Connect with us

From: GEM Group <gem@mygemgroup.com>
Sent: Friday, February 25, 2022 9:41 PM
To: Noyes, Amy E., ACFD <Amy.Noyes@acgov.org>
Subject: Public records request (GEM Group project 14819)

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at: 3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Ben Keeney
Geologist Assistant
GEM Group, Inc.
Mobile (909) 527-0408
Fax (877) 857-2212
https://www.mygemgroup.com/

(Gem Group project 14819 public records request sent to Alameda County FD 2/25/2022)

** This email was sent from an external source. If you do not know the sender, do not click on links or attachments. **

GEM Group

From: Marian Hsu <Marian.Hsu@acwd.com>
Sent: Tuesday, March 1, 2022 6:56 AM
To: GEM Group
Subject: FW: Online Form Submittal: ACWD Records Request Form

Follow Up Flag: Follow up
Flag Status: Completed

We are only able to provide records requests pertaining to Fremont, Newark, or Union City, California. Your request is out of our jurisdiction.

Thank you,
Marian

Marian Hsu
Admin. Assistant/Assistant District Secretary
marian.hsu@acwd.com
Direct line: 510.668.4228
Office of the General Manager
Alameda County Water District

COVID-19 Update:
ACWD's lobby is now open Monday-Friday, 9:00 a.m. to 4:00 p.m. for customer-service related items.

From: noreply@civicplus.com <noreply@civicplus.com>
Sent: Friday, February 25, 2022 9:28 PM
To: Gina Markou <Gina.Markou@acwd.com>; Marian Hsu <Marian.Hsu@acwd.com>
Subject: Online Form Submittal: ACWD Records Request Form

CAUTION: This email originated from outside of the District. Do not click links or open attachments unless you recognize the sender and know the content is safe.

ACWD Records Request Form

Instructions
Use this form to request water-related records pertaining to Fremont, Newark, or Union City. Please read the following instructions prior to completing the form.

1. Provide contact information and describe the records as specifically as possible. You will be contacted once the records are assembled.

2. For duplication requests, you will be notified of an estimated amount due. Copies

will be made upon receipt of payment. If more than 25 copies are made, you will be charged 10 cents/page (15 cents for larger than 11x17) and 75 cents per CD. Each certification is $1. Postage will be charged if applicable. For data compilation, extraction, or programming needed to produce records, there will be a $50/hour charge for all time expended in excess of 15 minutes.

3. You will be notified within 10 days of the status of your request. You will then have 10 days to inspect the records. Requests expire 20 days from the date of request. For additional questions, please call (510) 668-4202.

(Section Break)

Your Contact Info:

First Name	Mike
Last Name	Erving
Organization (if any)	Gem Group
Address1	967 Kendall Drive, Suite A-324
City	San Bernardino
State	CA
Zip	92407
Daytime Phone #	(626) 513-5095
Fax #	*Field not completed.*
Email Address	gem@mygemgroup.com

(Section Break)

Records Request Information

We are only able to fulfill requests for water-related information pertaining to Fremont, Newark, or Union City, California.

I am interested in the following records:	In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at: 3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705 (If useful, the parcel numbers are 53-1592-1 and 53-1592-2) Thank you for your help with this project. (Gem Group project 14819 public records request sent 2/25/2022)

I would like the above records...	*Field not completed.*

Email not displaying correctly? View it in your browser.

Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.

CID#2120

City of Berkeley, Toxics Management Division
2118 Milvia Street, Suite 300
Berkeley, CA 94704
(510) 981-7460 FAX (510) 981-7470

Hazardous Materials Inventory Certification Statement

For Dept Use Only – Log In/Date Stamp
RECEIVED
APR 11 2012
TOXICS MGMT. DIVISION

I. IDENTIFICATION

FACILITY ID # 1

BUSINESS NAME (Same as Facility Name or DBA-Doing Business As) 3
US SMOG & GAS

BUSINESS SITE ADDRESS 103
3000 SHATTUCK AVE

CITY 104
BERKLEY

CA

ZIP CODE 105
94705

II. CERTIFICATION STATEMENT

By signing below, you agree to the following statements:

I have personally reviewed the HMBP currently on file with your agency, dated ~~MARCH 1ST~~ 3/16/11 CAE 2012 and hereby certify, *under penalty of perjury,* that:

- The information contained in the hazardous materials inventory most recently submitted to TMD is complete, accurate, and up to date.
- The facility has not begun handling any hazardous materials/hazardous wastes that are not currently listed on the most recently submitted hazardous materials inventory.
- There has been no change in the quantity of hazardous materials/hazardous wastes as reported in the most recently submitted hazardous materials inventory.
- The facility's annual waste amounts reported on the most recently submitted hazardous materials inventory are accurate and expected to be the same in the next year.
- This certification is not being made to meet annual inventory submission requirements of EPCRA. (EPCRA requires complete annual submission of the inventory, United States Code Title 42, Section 11022).

I understand that I will be required to show proof of compliance during any facility inspection conducted by City, County, State, or Federal authorities. I understand that whenever there are changes in address, ownership, business name, or operations (closure, addition of undisclosed hazardous materials or hazardous wastes, and/or emergency response/contingency planning provisions), a notification of such must be made to Toxics Management Division within 30 days of the change.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE
[signature]	4/11/12
NAME OF SIGNER (print): SHAZADA KHAN	TITLE OF SIGNER: OWNER

Agency Use Only

☒ Accepted as submitted
☐ Requires revisions – Letter sent

ACCEPTED: 4/12/12 BY: Carie Stadt

4/12/12: Date Tech Review Completed
_____: Date Scanned
_____: Date Copied for BFD
_____: Date Data Entry Completed
_____: Date Filed

(Initial each line)

ENDORSED
FILED
ALAMEDA COUNTY
APR 04 2014
CLERK OF THE SUPERIOR COURT
By Michele Woodard, Deputy

RAMIN MOZAFFAR, ESQ. (SBN 230641)
5201 Great America Parkway, Suite 320
Santa Clara, CA 95054
Tel: (415) 218-8141
Facsimile: (650) 284-2101

Attorney for Petitioner
FARHAT KHAN

SUPERIOR COURT OF CALIFORNIA

COUNTY OF ALAMEDA

Farhat Khan, Petitioner, v. Shahzada Khan, Respondent.	Case No. HF-12633821 **ORDER GRANTING APPLICATION FOR APPOINTMENT OF A RECEIVER AND PRELIMINARY INJUNCTION IN AID THEREOF** Date: March 25, 2014 Time: 3:00 p.m. Place: Department 520

On March 25, 2014, this Court considered the Application for Appointment of Receiver ("Application") filed by Petitioner Farhat Khan ("F. Khan"). Appearances were made as noted in the record. The Court, having considered the Application, and the pleadings and papers filed in support of that Application, the arguments of counsel at the hearing, and the Court, having determined that good cause exists for the appointment of a Receiver, and good cause appearing therefor,

IT IS HEREBY ORDERED as follows:

APPOINTMENT OF RECEIVER

IT IS HEREBY ORDERED that Gerard F. Keena is qualified to act as Receiver in this action, and is hereby appointed as Receiver to take possession, custody, and control of the Receivership Property described below.

1. **Description of the Receivership Property:**

As used herein, the term "Receivership Property" shall mean the following businesses, real property, and their related assets and income, collectively:

(A) Arco Smog Pro Gas Station and Smog Check Station, aka US Smog & Gas, aka US Smog Test Only Station, aka Arco-Khan's Smog Pros, located at the real property commonly known as 3000 Shattuck Avenue, Berkeley, California;

(B) 346 South 26th Street, Richmond, California;

(C) 4526 Potrero Avenue, Richmond, California;

(D) 1715 Cutting Boulevard, Richmond, California;

(E) 1901 Hoffman Boulevard, Richmond, California;

(F) 335 S. 23rd Street, Richmond, California;

(G) 346 S. 26th Street, Richmond, California;

(H) 394 S. 34th Street, Richmond, California;

(I) 417 S. 35th Street, Richmond, California;

(J) 1901 Florida Avenue, Richmond, California;

(K) 2917 Cutting Boulevard, Richmond, California; and

(L) 339 S. 27th Street, Richmond, California.

2. **Receiver's Oath and Bond:**

The Receiver shall immediately, and before performing any duties, execute and file a receiver's oath and file the bond required by California Code of Civil Procedure § 567(b) in the amount of $25,000.00. The Receiver's Bond and Oath may be filed by facsimile transmission and this Order shall become effective upon the Court's receipt of such provided, however, that the Receiver replace the facsimiles with originals within seven days of filing.

3. **Receiver's Fees:**

All fees and costs of the Receiver and employees of the Receiver shall be accounted for in the monthly financial report.

(A) The receiver shall each month prepare and serve on the parties, but not file, an accounting of the income and expenses incurred in the administration of the Receivership Property, including the Receiver's fees and expenses.

(B) The receiver may pay the receiver's own fees and expenses only by the following procedures:

(i) By serving on all parties a notice of intent to pay to which no objection is served on the Receiver within 20 days of the date the notice is served;

(ii) By serving and filing a request for interim payment, which the court then approves;

(iii) By obtaining and filing an agreement among all the parties approving the payment, which the Court then approves; or

(iv) By filing the Receiver's final accounting and report, which the Court then approves.

(C) The Receiver shall not reimburse the Receiver for the Receiver's general office administration expenses or overhead without Court approval. These expenses include, for example, office supplies and employee payroll, benefits, and taxes.

4. **Receiver's Authority and Duties:**

(A) The Receiver shall take immediate and exclusive possession, custody and control of the receivership estate (the "Receivership Estate"), including rents, receivables, accounts, deposits, equities, and profits. The Receiver shall care for, preserve and maintain the Receivership Property, and may incur any expenses necessary for this purpose. All such expenses shall be paid from funds of the Receivership Estate.

(B) The Receiver is hereby given the power and authority usually held by receivers and reasonably necessary to accomplish the purpose of this receivership and protect the Receivership Property including, without limitation, the specific power to:

i. Change any and all locks on the Receivership Property (other than to occupied units) and limit the access of Shahzada Khan ("S.Khan") thereto;

ii. Maintain, protect, collect, sell, liquidate, or otherwise dispose of Receivership Property; provided, however, that the Receiver shall not sell or otherwise dispose of any Receivership Property, other than in the ordinary course of business, except as provided in section 10 of this Order;

iii. Take possession of all bank and other deposit accounts of S. Khan related to the Receivership Property; open, transfer and change all bank and trade accounts relating to the Receivership Property, so that all such accounts are in the name of the Receiver; and make disbursements in payment of expenses incurred by the Receiver in accordance with this Order;

iv. Hire, on a contract basis, professionals, employees, real estate brokers, general contractors and other personnel necessary to manage, preserve, market and sell the Receivership Property;

v. Retain existing employees of S. Khan or related parties as S. Khan's employees in order to continue any business operations, in which case payroll taxes, workers compensation insurance, and related costs will be carried and reported as those of S. Khan. The Receiver may, in the alternative, in his sole discretion, carry all employees as those of any management company or other entity hired by the Receiver;

vi. Hire, employ, pay and terminate servants, agents, employees, clerks and accountants; purchase materials, supplies, advertising, and other services at ordinary and usual rates and prices using funds that shall come into the Receiver's possession; collect or compromise debts of the Receivership Estate; incur risks and obligations ordinarily incurred by owners, managers, and operators of similar enterprises, which in the Receiver's reasonable judgment, are necessary for the operation of the business, and no

such risk or obligation incurred shall be the personal risk or obligation of the Receiver but only that of the Receivership Estate;

vii. Reject any leases or unexpired contracts of S. Khan that are, in the Receiver's judgment, burdensome on the Receivership Estate;

viii. Make and enter into leases, obtain and eject tenants, and set or modify rents and terms of rent in accordance with applicable law, without prior Court approval.

ix. Borrow from third parties, funds required to continue the operation of the existing business and/or when current income is insufficient to meet expenses, upon such terms as deemed reasonable by the Receiver. Nothing in this Order shall obligate any party to provide such funds, and any lending party, shall be entitled to the issuance of a Receiver's Certificate, in accordance with Section 17 of this Order;

x. Collect all rents, profits and income, which now or hereafter may be due from the operation of the Receivership Property and improvements thereon, including such rents, income and profits presently held in bank accounts for the Receivership Property to the exclusion of S. Khan;

xi. Direct tenants of the Receivership Property to pay rent to Receiver or directly into any account established by the Receiver pursuant to Section 12 of this Order;

xii. Endorse checks payable to Khan in connection with the Properties, to send notice to accounts receivable debtors of Khan directing the same to make payments due to Khan which are part of the Properties or the proceeds thereof to the Receiver, to undertake whatever actions are reasonable or necessary to collect the amounts receivable of Khan related to the Properties, and to compromise the amounts owing from account debtors of

Khan if in the Receiver's reasonable business judgment if it is appropriate to do so;

xiii. Subject to California Rule of Court Rule 3.1180, employ and compensate counsel, including without limitation unlawful detainer attorneys or eviction services, with respect to the preservation and operation of the Receivership Property and the discharge of the Receiver's duties;

xiv. With prior Court approval, abandon property the Receiver considers to be of little or no value to the Receivership Estate; and

xv. Otherwise comply with all of the Orders of this Court.

(C) The Receiver shall have no responsibility for payment of any real property taxes, utility bills, unpaid payroll expenses or other unpaid invoices for services or utilities incurred by the Khan, or for the benefit of, the Receivership Property prior to the Receiver's taking possession of the Receivership Property, including the second installment of property taxes due April 10, 2014.

(D) The Receiver shall not be obligated to file any federal or state income tax, returns, schedules or other forms, which continue to be an obligation of S. Khan.

(E) The Receiver shall be empowered to use the taxpayer account number of the S. Khan in connection with the Receivership Estate, as necessary, to perform and/or carry out the Receiver's duties.

5. **Overhead Expenses of Receiver:**

All fees and expenses incurred by the Receiver, which pertain solely to the Receiver's general office administration and/or overhead, including, but not limited to office supplies, employee wages, taxes and benefits and other charges shall not be an expense of the Receivership Estate unless incurred directly and solely for the benefit of the Receivership Estate.

6. **Inventory:**

Pursuant to California Rule of Court 3.1181, within thirty (30) days after entry of this Order hereunder, the Receiver shall file with this Court an inventory of all real property and

personal property of the Receivership Estate taken into possession pursuant to this Order.

7. **Security Deposits:**

Any security or other deposits which tenants have paid to S. Khan or his agents and which are not paid to the Receiver, and over which the Receiver has no control, shall be obligations of S. Khan and may not be refunded by the Receiver without an order of this Court. Any other security or other deposits that tenants have paid or may pay to the Receiver, if otherwise refundable under the terms of their leases or agreements with the Receiver, shall be refundable by the Receiver in accordance with the leases or agreements.

8. **Monthly Reports:**

Pursuant to California Rule of Court 3.1182, the Receiver shall prepare and serve on counsel for F. Khan and S. Khan interim reports of the condition and operation of the Receivership Property within thirty (30) days of the closing of each accounting period or month. These interim reports shall include the Receiver's fees and expenses of the Receivership Estate, including fees and costs of accountants and attorneys authorized by the Court, incurred for each reporting period in the operation and administration of the Receivership Property. The Receiver shall follow accounting standards typical for similar properties and businesses, and may enlist the aid of accountants for preparation of Receiver's reports to the Court. Upon service of each report, if no objections are received, the Receiver may disburse from estate funds, the amount of each statement. Notwithstanding periodic payment of fees and expenses, all fees and expenses shall be submitted to the Court for approval at the hearing to discharge the Receiver.

9. **Management of the Receivership Property and/or Business Entity:**

Receiver shall operate and manage the Receivership Property including, but not limited to, collecting rent, and operating any related business entity. The Receiver may employ such agents, independent contractors, employees and management companies to assist the Receiver in managing the Receivership Property including, but not limited to, a company in which the Receiver is a principal, provided the amount of compensation paid to any such agent or firm is comparable to that charged by similar entities for similar services. The Receiver may undertake

the risks and obligations ordinarily incurred by owners, managers and operators of similar businesses and enterprises and the Receiver shall pay for these services from the funds of the Receivership Estate. No such risk or obligation so incurred shall be the personal risk or obligation of this Receiver, but shall be the risk and obligation of the Receivership Estate. All who are acting, or have acted, on behalf of the Receiver at the request of the Receiver are protected and privileged with the same protections of this Court as the Receiver has.

10. **Sale of the Receivership Property:**

(A) The Receiver is authorized and directed, and the Court appoints and makes the Receiver the attorney in fact for F. Khan and S. Khan, for the sole purpose of selling all or a portion of the Receivership Property, whether by public or private sale on behalf of, and in the name of, F. Khan and S. Khan, subject to the requirements contained in California Code of Civil Procedure section 568.5, including specifically Court approval;

(B) The Receiver shall be the exclusive disposition agent, but may retain the services of one or more real estate agents ("Brokers") to assist in the marketing and sale of the Receivership Property, so long as the total real estate commissions paid to all Brokers is within the industry norms for the sale of similar properties.

(C) The Receiver, F. Khan or S. Khan may petition the Court for approval, by motion, of any contract for sale of Receivership Property, and any such order of approval of sale shall be a final appealable order. After closing on the sale of any of the Receivership Property the Receiver shall include in the Monthly Report, with respect to the property which was sold, sale price and the date of the sale.

(D) The "Net Proceeds of the Sale of the Property" shall be the gross sales price of the Receivership Property less closing costs, title insurance, prorations, sales commissions and other adjustments approved by the Receiver and this Court, if applicable.

(E) The Net Proceeds of the Sale of the Receivership Property shall be disbursed as follows:

i. First, for payment of any unpaid fees and expenses, of the Receiver, if any; and

ii. Second, to holders of valid liens secured by the Receivership Property subject to sale.

iii. Any remaining sums shall be held by the Receiver pending further order of the Court.

11. **Police Assistance:**

Receiver may request assistance of law enforcement officials when taking possession, or at any other time during the term of the receivership, if in the opinion of Receiver, such assistance is necessary to preserve the peace and protect the Receivership Property.

12. **Bank Accounts:**

The Receiver shall take possession of, and receive from all depositories, banks, brokerages and otherwisc, any money on deposit in such institutions belonging to or arising from the operation of the Receivership Property, whether such funds be in accounts titled in the name of S. Khan or not, and the Receiver may indemnify the institution upon whom such demand is made, and is empowered to open or close any other accounts. The Receiver shall deposit monies and funds collected and received in connection with the Receivership Property at federally-insured banking institutions or savings associations which are not parties to this case. Monies coming into the possession of the Receiver and not expended for any purposes herein authorized shall be held by the Receiver pending further orders of this Court.

13. **Use of Funds:**

The Receiver shall pay only those bills that are reasonable and necessary for the operation of the protection of the Receivership Property and shall allocate funds in the following order of priority: (1) the costs and expense of the Receivership Property; (2) utilities, insurance premiums, general and special taxes or assessments levied on the real properties of the

Receivership Estate and improvements thereon; and (3) the creation and retention by the Receiver of a reasonable working capital fund.

14. **Utilities:**

Any utility company providing services to any of the Receivership Property, including gas, electricity, water, sewer, trash collection, telephone, communications or similar services, shall be prohibited from discontinuing service to the Receivership Property based upon unpaid bills incurred by S. Khan. Further, such utilities shall transfer any deposits held by the utility to the exclusive control of such Receiver and be prohibited from demanding that the Receiver deposit additional funds in advance to maintain or secure such services. New accounts under the name of the Receiver shall be established within 30 days. Utility companies are prohibited from discontinuing service while the new receivership accounts are in process of being established.

15. **Mail:**

The Receiver may issue demand that upon the U. S. Postal service grant exclusive possession and control of mail including postal boxes as may have been used by S. Khan and may direct that certain mail related to the Receivership Property and its business be re-directed to Receiver. The Receiver has authority to open all mail sent to any of the addresses of the Receivership Property addressed to Khan, its agents, servants, employees or representatives, or all persons or entities acting under or in concert with Khan at the Receivership Property. The Receiver is authorized to make copies of this mail and then forward this mail to the address of Khan, his agents, servants, employees or representatives, or all persons or entities acting under or in concert with Khan at the address provided by Khan.

16. **Insurance:**

The Receiver shall determine upon taking possession of the Receivership Property whether in the Receiver's judgment, there is sufficient insurance coverage. With respect to any insurance coverage in existence or obtained, the Receiver and the property management company, if any one exists, shall be named as an additional insured on the policies for the period of the receivership. If sufficient insurance coverage does not exist, the Receiver shall

immediately notify the parties to this lawsuit and shall have thirty (30) calendar days to procure sufficient all-risk and liability insurance on the Receivership Property (excluding earthquake and flood insurance) provided, however, that if the Receiver does not have sufficient funds to do so, the Receiver shall seek instructions from the Court with regard to adequately insuring the property. The Receiver shall not be responsible for claims arising from the lack of procurement or inability to obtain insurance.

17. **Receiver's Certificates:**

In the event that income from the operation of the Receivership Property is insufficient to meet normal operating expenses and costs, the Receiver is authorized to seek approval of this Court to borrow money and to issue Receiver's Certificates to secure such indebtedness.

18. **Receiver's Final Report and Account:**

As soon as is practicable after the receivership terminates, the Receiver shall file, serve, and set for hearing in this Court his Final Report and Account. Notice shall be given to all persons whom the Receiver has received notice of potential claims against the Receivership Estate. The motion to approve the final report and accounting, and for discharge of the Receiver, shall contain a summary of the receivership accounting including enumeration, by major categories, of total revenues and total expenditures, the net amount of any surplus or deficit with supporting facts, a declaration under penalty of perjury of the basis for the termination of the receivership, and evidence to support an order for the distribution of any surplus, or payment of any deficit, in the Receivership Estate. The bond of the Receiver shall be canceled upon the Court's discharge of the Receiver.

19. **Instructions from the Court:**

The Receiver and the parties to this case may at any time apply to this Court for instructions or orders. The Court may grant any order requested by the Receiver, without further notice of hearing, if no objection is filed with the Court and served on the Receiver, and the parties within twenty days after filing and service of the Receiver's request.

///

20. **General Provisions.**

(A) No person or entity shall file suit against the Receiver, or take other action against the Receiver, without an order of this Court permitting the suit or action provided, however, that no prior Court order is required to file a motion in this action to enforce the provisions of this Order or any other order of this Court in this action.

(B) The Receivership Estate and its employees, agents, attorneys and all professionals and management companies retained by the Receiver shall have no liability for any obligations, or debts incurred by S. Khan. The Receiver and his employees, agents and attorneys shall have no personal liability, and they shall have no claim asserted against them relating to the Receiver's duties under this Order, without prior authority from this Court as stated in (A) above.

(C) Nothing contained in the Order of the Court shall be construed as obligating or permitting the Receiver to advance its own funds to pay any costs and expense of the Receivership Estate.

(D) F. Khan and S. Khan shall indemnify, defend and hold the Receiver harmless from all suits in connection with the Receivership Property and from any and all liability, including for damages to property and injury or death related to the Receivership Property, except for liability arising out of the Receiver's willful misconduct or gross negligence that is not the result of F. Khan's or S. Khan's instruction of direction.

PRELIMINARY INJUNCTION IN AID OF RECEIVER

21. IT IS FURTHER ORDERED that S. Khan, and his respective agents, partners, property managers, employees, assignees, successors, representatives, managers and managing members, and all persons acting under, in concert with, or for them are ordered to:

(A) **Turnover of Receivership Property:** Relinquish and turn over possession of the Receivership Property to the Receiver upon his appointment becoming effective;

(B) **Turnover of Keys, Books, and Records:** Turn over to the Receiver and direct all property managers and other third parties in possession thereof to turn over all keys, leases, books, records, books of account, banking records, statements and cancelled checks, ledgers, operating statements, budgets, real estate tax bills, contracts, and all business records related to the Receivership Property, and provide the Receiver with all passwords needed to access all records and files maintained on any computer located on the Receivership Property, or any other computers on which such information is stored, and all other business records relating to the Receivership Property, wherever located, and in whatever mode maintained.

(C) **Turnover of Licenses, Permits, and Taxpayer ID Number:** Turn over to the Receiver all documents that pertain to all licenses, permits, or government approvals relating to the Receivership Property and shall immediately advise the Receiver of Federal and State taxpayer identification numbers used in connection with the operation of the Receivership Property.

(D) **Notification of Insurance:** Shall immediately advise the Receiver as to the nature and extent of insurance coverage on the Receivership Property. S. Khan shall immediately name the Receiver as an additional insured on the insurance policy(ies) for the period that the Receiver shall be in possession of the Receivership Property. S. Khan is prohibited from canceling, reducing, or modifying any and all insurance coverage currently in existence with respect to the Receivership Property; and

(E) **Turnover of Monies and Security Deposits:** Immediately turn over to the Receiver any monies including, but not limited to, rent, security deposits, prepaid rent, or funds in property management bank accounts or other depository accounts for the Receivership Property. The tenants occupying, using or leasing the

Receivership Property, or any portion thereof, shall now make payments to the Receiver.

22. IT IS FURTHER ORDERED that pending further Order of this Court, S. Khan, including his agents, partners, managers, managing members, property managers and employees, and all other persons acting in concert with him who have actual or constructive knowledge of this Order, and its agents and employees, shall not:

(A) **Commit Waste:** S. Khan shall not commit or permit any waste on the Receivership Property or any part thereof, or suffer, commit or permit any act on the Receivership Property or any part thereof in violation of law, or remove, transfer, encumber or otherwise dispose of any of the Receivership Property or the fixtures presently on the Receivership Property or any part thereof;

(B) **Collect Rents & Profits:** S. Khan shall not demand, collect, receive, discount, or in any other way divert or use any of the rents or profits from the Receivership Property.

(C) **Interfere with Receiver:** S. Khan shall not directly or indirectly interfere in any manner with the discharge of the Receiver's duties under this Order or the Receiver's possession of and operation or management of the Receivership Property, including without limitation termination of any utilities that serve any of the Receivership Properties;

(D) **Transfer or Encumber the Receivership Property:** S. Khan shall not expend, disburse, transfer, assign, sell, convey, devise, pledge, mortgage, create a security interest in, encumber, conceal or in any manner whatsoever deal in or dispose of the whole or any part of the Receivership Property, including without limitation the rents and profits, without prior Court Order; and

23. As to the injunctive relief granted herein, this Order shall be binding on the parties to this action, their officers, agents, servants, employees, and attorneys, and on those

persons in active concert or participation with them who Receiver actual notice of this injunction,

24. **Bond:** F. Khan shall not be required to file an undertaking.

Dated: 4-2-14

Judge of the Superior Court

Case Number **HF12-633821**
CLERK'S CERTIFICATE OF MAILING

I certify that the following is true and correct: I am the clerk of the above-named court and not a party to this cause. I served the **ORDER GRANTING APPLICATION FOR APPOINTMENT OF A RECEIVER AND PRELIMINARY INJUNCTION IN AID THEREOF** by placing copies in envelopes addressed as shown below and then by sealing and placing them for collection, stamping or metering with prepaid postage, and mailing on the date stated below, in the United States mail at Alameda County, California, following standard court practices.

Dated: **4-4-14**

LEAH WILSON
Executive Officer/Clerk of the Superior Court

By M. Woodard

M. Woodard, Deputy Clerk

RAMIN MOZAFFAR, ESQ.
5201 GREAT AMERICA PARKWAY, SUITE 320
SANTA CLARA, CA 95054

RONALD P. ST. CLAIR, ESQ.
LAW OFFICES OF RONALD P. ST. CLAIR
870 MARKET STREET, SUITE 951
SAN FRANCISCO, CA 94102

Saved to Site File: X
EC Updated:
FUND$ Updated:
Admin Initials:

FEE SUMMARY SHEET

For Permit Period FY18 (Base Reporting Period: 2017)

CERS ID: 10195858

Facility: Berkeley Gas & Smog CID:

Address: 3000 Shattuck Avenue

Total Aggregate Quantities Stored or Handled at This Facility

(1) The row heading "Hazardous Materials" requires a sum of *all* amounts reported on the Chemical Description pages, including data reported for hazardous wastes. (2) Please don't leave any quantity box blank; if the total number for a particular category is zero, enter 0. (3) If additional programs should be billed (CalARP, APSA, etc.), place an X in the box under the program name.

Quantities Summarized:

Chemicals	CY2017	CY2017	CY2017	Last Reported	FY2018 Permit
	LIQUID	**SOLIDS**	**GASES**		
Total number of all chemicals:	4	-	1		5
Total number of waste chemicals:	1	-			
	GALLONS All liquids	**POUNDS** All solids	**CU. FT.** All gasses		
Hazardous Materials: *ALL* Chemicals. Sum of *all* Box 218s—Max. Daily Amt	31,845	-	250		HMPA5
Hazardous Wastes: *ONLY* Wastes. Sum of *all* Box 219s— Annual Waste Amt	20	-			HWG1

CalARP			Tiered Permit			APSA	
Program 1	Program 2	Program 3	Conditionally Exempt	Conditionally Authorized	Permit by Rule	< 10,000	≥ 10,000

Underground Storage Tanks	Inert Gas	Etiologic	Radiologic	Nano	EPCRA
Number of USTs: 3					

Additional Billing FY 2016: FY 2017:

Reason:

Inspector: Karl Busche Date: 4 27 17

ATTACHMENT - Photographs

1. Oil in junction box.

2. Stormdrain and junction box.

3. Storm inlet - existing.

4. Storm inlet - Outlet detail

5. Storm drain - inlet pipe detail (source unknown)

Date : 4/14/2016 12:37:18 PM
From : "Miller, Paul"
To : "'baskargi@gmail.com'" baskargi@gmail.com
Subject : REMINDER: Electronic Hazardous Materials Business Plan Submittal Due March 1, 2014
Attachment : image001.jpg;image002.jpg;

Planning and Development Department
Toxics Management Division

April 14, 2016

NOTICE OF VIOLATION

Berkeley Gas & Smog
ATTN: Environmental Compliance Manager
3000 Shattuck Avenue
Berkeley, CA 94705

RE: Failure to Submit an Electronic Hazardous Materials Business Plan (HMBP) on the California Environmental Reporting System (CERS)

Dear Berkeley Business Owner/Operator:

The Toxics Management Division (TMD) is the Certified Unified Program Agency (CUPA) per California Health & Safety Code, Division 20, Chapter 6.11.

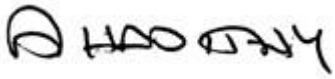
On December 21, 2015, the Toxics Management Division (TMD) sent all Berkeley regulated facilities a courtesy notice reminding them to submit their HMBP by March 1, 2016. The courtesy notice provided instructions on how to submit the HMBP on the CERS website, and offered individualized support for this purpose.

As of this date, your facility is in violation for not submitting the Hazardous Materials Business Plan (HMBP) as required by the California Health and Safety Code (HSC) section 25508 and Berkeley Municipal Code Title 15. You are instructed to submit your HMBP by May 9, 2016. Failure to do so will result in an administrative enforcement penalty not to exceed $2000 per day of violation.

Please follow the instructions on CERS here:
http://tinyurl.com/CERSinfo.

If you need assistance, call (510) 981-7468 and leave a message for Paul Miller.

Sincerely,



Nabil Al-Hadithy, PhD
Hazardous Materials Manager

GEM Group

To: toxics@cityofberkeley.info
Subject: Public records request (GEM Group project 14819)
Attachments: FileReviewRequestForm_rev041415.pdf

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:
3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705

(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Mike Erving
Junior Geologist
GEM Group, Inc.
Mobile (626) 513-5095
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent 2/25/2022)

File Review Request Form

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

USE THE TAB KEY TO MOVE FROM ONE FIELD TO THE NEXT

Applicant's Name: Mike Erving	Phone: (626) 513-5095
Company's Name: Gem Group, Inc.	Fax:
Reason for Review: Environmental Site Assessment	E-mail: gem@mygemgroup.com

Note: Upon request for a copy or inspection of records, the City shall, within 10 days from receipt of the request, determine whether the request in whole or in part, will be made available and shall promptly notify the person making the request of the determination and the reasons therefore.

Specific File(s) Requested:

1. Facility Name: all property facilities (currently a gas station)	Address: 3000, 3002, 3004, 3006, and 3008 Shattuck Ave, Berkeley, CA
2. Facility Name:	Address:
3. Facility Name:	Address:
4. Facility Name:	Address:
5. Facility Name:	Address:

Note: Facility addresses are required. Maps, trade secret information, and personal phone numbers will not be available for review. (Reference Hazardous Materials Code, BMC Section 15.12.110, and Health and Safety Code, BMC Section 25506)

File Review Guidelines:
Any person reviewing file(s) shall adhere to the following guidelines:
a) Keep file documents in the order found;
b) Do not mark, annotate, underline, or otherwise write on file documents;
c) Removing documents from premises is prohibited.

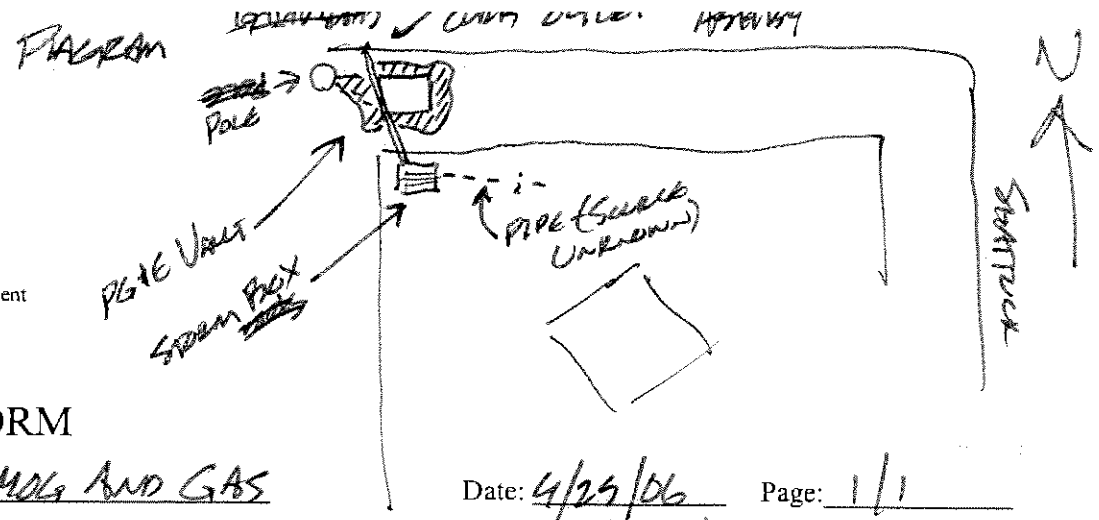
Photocopying or other reproduction of documents:
Photocopying of a few documents is available upon request at the rate furnished in the Fee Resolution. Request for reproduction of large quantities will be completed offsite and arranged by Toxics Management staff. Applicants may bring their own reproduction equipment.

Applicant's Signature: Ben Keeney Date: 2/25/2022

SUBMIT FORM

FOR CITY OF BERKELEY TMD USE ONLY	Due Date:	Date of Review:	Time of Review:
	Action Date:	Number of Copies:	Cost @ $0.10 each:
	Request completed by:		

1947 Center Street, First Floor, Berkeley, California 94704 | TEL: (510) 981-7460 | TDD: (510) 981-6903 | FAX: (510) 981-7470
Toxics@cityofberkeley.info



Planning and Development Department
Toxics Management Division

INSPECTION FORM

Facility Name: US SMOG AND GAS

Address: 3020 SHATTUCK

Phone:

Date: 4/25/06 Page: 1/1

Contact: MR. KHAN

DEAR MR KHAN.

TOXICS DIVISION RESPONDED TO A COMPLAINT REGARDING FUEL AND OIL IN AN ELECTRICAL SPLICE BOX LOCATED IN THE SIDEWALK, NEAR YOUR STORM DRAIN BOX, AT THE NORTHWEST CORNER OF YOUR LOT.

TOXICS CONFIRMED AN UNAUTHORIZED RELEASE OF A PETROLEUM FUEL MATERIAL IN THE UTILITY VAULT. TOXICS DIVISION SUSPECTS THAT OILY MATERIAL FROM YOUR STORM ~~VAULT~~ BOX ENTERED THE DISCHARGE PIPE AND FILLED THE VAULT WITH OIL AND WATER.

TOXICS PROBED THE CURB OUTLET FOR YOUR STORM DRAIN AND FOUND IT IS BLOCKED. TMD SUSPECTS THIS LINE MAY HAVE BEEN DAMAGED WHEN THE PG&E SPLICE BOX WAS INSTALLED.

YOUR ASSISTANCE WITH THE CLEANUP OF THIS MATERIAL AND UPGRADE OF YOUR STORMWATER COLLECTION SYSTEM IS REQUIRED.

PLEASE CONTACT ME AT YOUR EARLIEST CONVENIENCE.
(510) 981-7467

Facility Contact Signature: NOT AVAILABLE. Title:

Inspector: GEOFFREY FRIEDEL

Hazardous Materials Specialist

Reinspect Date: TBD

Planning and Development Department
Toxics Management Division

March 29, 2010

Mr. Shazada Khan
US Smog and Gas
3000 Shattuck Avenue
Berkeley, California 94705

Delivery: By Hand, G. Fiedler, March 29, 2010

Regarding: Unauthorized Release to Groundwater

Dear Mr. Khan:

The City of Berkeley, Toxics Management Division (TMD) has reviewed groundwater monitoring data for the ongoing investigation of a release of petroleum from a former underground storage tank system. The groundwater monitoring data indicate a new release, potentially related to your hydraulic lift system or used oil tank. The groundwater monitoring data suggest this condition is relatively recent, potentially coinciding with the structure fire at this location.

You are required to submit a plan of action to address this problem within 15 days. You are further required to identify and discontinue any practices that may be contributing to this condition. In an effort to diagnose this problem the TMD anticipates that the groundwater will require analysis to determine the type and origin of the product.

The TMD requires that you contact me immediately to discuss this issue and to develop immediate measures to mitigate or eliminate any ongoing release of this undetermined product to groundwater. You should call me directly to arrange to meet to discuss a course of action to address this problem. Call (510) 981-7467 to arrange to meet and discuss options to remedy this concern.

Sincerely,

Geoffery A. Fiedler
Hazardous Materials Specialist, II

GF:gf

2118 Milvia Street, Suite 200, Berkeley, California 94704 TEL: (510) 981-7460 TDD: (510) 981-6903 FAX: (510) 981-7470

Planning and Development Department
Toxics Management Division

March 29, 2010

Mr. Shazada Khan
US Smog and Gas
3000 Shattuck Avenue
Berkeley, California 94705

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Sincerely,

Geoffery A. Fiedler
Hazardous Materials Specialist, II

GF:gf

2118 Milvia Street, Suite 200, Berkeley, California 94704 TEL: (510) 981-7460 TDD: (510) 981-6903 FAX: (510) 981-7470

Saved to Site File: 5/9/17
EC Updated: 5/9/17
FUND$ Updated: 5/9/17
Admin Initials: LGC

FEE SUMMARY SHEET

For Permit Period FY18 (Base Reporting Period: 2017)

CERS ID: 10195858

Facility: Berkeley Gas & Smog CID: 120208

Address: 3000 Shattuck Avenue

Total Aggregate Quantities Stored or Handled at This Facility

(1) The row heading "Hazardous Materials" requires a sum of *all* amounts reported on the Chemical Description pages, including data reported for hazardous wastes. (2) Please don't leave any quantity box blank; if the total number for a particular category is zero, enter 0. (3) If additional programs should be billed (CalARP, APSA, etc.), place an X in the box under the program name.

Quantities Summarized:

Chemicals	CY2017	CY2017	CY2017	Last Reported	FY2018 Permit
	LIQUID	SOLIDS	GASES		
Total number of all chemicals:	4	-	1		5
Total number of waste chemicals:	1	-			
	GALLONS All liquids	POUNDS All solids	CU. FT. All gasses		
Hazardous Materials: *ALL* Chemicals. Sum of *all* Box 218s—Max. Daily Amt	31,845	-	250	—	HMPA5
Hazardous Wastes: *ONLY* Wastes. Sum of *all* Box 219s— Annual Waste Amt	20	-		—	HWG1

CalARP			Tiered Permit			APSA	
Program 1	Program 2	Program 3	Conditionally Exempt	Conditionally Authorized	Permit by Rule	< 10,000	≥ 10,000

Underground Storage Tanks	Inert Gas	Etiologic	Radiologic	Nano	EPCRA
Number of USTs: 3					

Additional Billing FY 2016: _____ FY 2017: _____

Reason:

Inspector: Karl Busche Date: 4 27 17

Berkeley Gas & Smog (CERSID: 10195858)

Facility Information **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:13:29 PM by Karl Busche

- Business Activities
- Business Owner/Operator Identification

Guidance Messages

- **Warning**
  1. Business Activities - The Facility Name for CERSID: 10195858 has changed from: 'US SMOG & GAS' to 'Berkeley Gas & Smog'.

Hazardous Materials Inventory **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:13:44 PM by Karl Busche

- Hazardous Material Inventory (5)
- Site Map (Official Use Only)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 270KB)

Emergency Response and Training Plans **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:14:00 PM by Karl Busche

- Emergency Response/Contingency Plan
  - *Emergency Response/Contingency Plan* (Adobe PDF, 2126KB)
- Employee Training Plan
  - *Employee Training Plan* (Adobe PDF, 25KB)

Underground Storage Tanks **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:14:14 PM by Karl Busche

- UST Facility Operating Permit Application
- UST Tank Information/Monitoring Plan - Tank ID #1 - 87
- UST Tank Information/Monitoring Plan - Tank ID #2 - 91
- UST Tank Information/Monitoring Plan - Tank ID #3 - WO
- UST Monitoring Site Plan
  - *UST Monitoring Site Plan* (Adobe PDF, 123KB)
- UST Certification of Financial Responsibility
  - *UST Certification of Financial Responsibility* (Adobe PDF, 165KB)
- UST Response Plan
  - *UST Response Plan* (Adobe PDF, 1246KB)
- UST Owner/Operator: Written Agreement
  - Stored At Facility *Berkeley Gas & Smog* CERSID (10195858)
- UST Letter from Chief Financial Officer
  - *UST Letter from the Chief Financial Officer* (Adobe PDF, 297KB)
- Owner Statement of Designated UST Operator Compliance
  - *Owner Statement of Designated UST Operator Compliance* (Adobe PDF, 624KB)

California Environmental Reporting System (CERS) — Business Activities

Site Identification

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705
County
Alameda

CERS ID
10195858
EPA ID Number

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	Yes

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	Yes

Hazardous Waste

Is your facility a Hazardous Waste Generator?	No
Does your facility treat hazardous waste on-site?	No
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	No
Does your facility consolidate hazardous waste generated at a remote site?	No
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	No
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	No
Is your facility a Household Hazardous Waste (HHW) Collection site?	No

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	No
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	No
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	No

Additional Information

No additional comments provided.

California Environmental Reporting System (CERS) — Business Owner Operator

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Identification

Baskaran Subbiah

Operator Phone	Business Phone	Business Fax
(510) 469-7634	(510) 529-4820	

Beginning Date	Ending Date	
2/19/2015	11/24/2016	
Dun & Bradstreet	SIC Code	Primary NAICS

Facility/Site Mailing Address

3000 Shattuck Ave
Berkeley, CA 94705

Primary Emergency Contact

Baskar Subbiah
Title
Operator

Business Phone	24-Hour Phone	Pager Number
(510) 469-7634	(510) 469-7634	

Owner

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Avenue
Berkeley, CA 94705

Secondary Emergency Contact

Nirmal Phunyal
Title
Manager

Business Phone	24-Hour Phone	Pager Number
(510) 982-9286	(510) 982-9286	

Billing Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Ave
Berkeley, CA 94705

Environmental Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Avenue
Berkeley, CA 94705

Name of Signer	Signer Title	Document Preparer
Baskaran Subbiah	Operator	Baskaran Subbiah

Additional Information

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Phone

Mailing Address

Assessor Parcel Number (APN)

Number of Employees

Facility ID

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location

CERS ID **10195858**
Facility ID
Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Motor Oil** CAS No	**Gallons** State: Liquid Type: Pure	**20** Storage Container: Plastic Bottle or Jug	**1**	20 Pressue Temperature	Waste Code: 221	- Fire	VARIOUS LUBRICATING BASE OILS ADDITIVE PACKAGE, INCLUDING ZINC ALKYLDITHIOPHOSPHATE	85 % 15 % 2 %		6474X-XX-X MIXTURE 68649-42-3

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **Outside the Mart**

CERS ID **10195858**
Facility ID
Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.1 - Flammable Gases Flammable Gas	**Liquefied Petroleum Gas (lpg)** CAS No 74-98-6	**Cu. Feet**	**5** State Gas Type Pure	Storage Container Cylinder	Pressue Temperature	Waste Code	- Fire - Pressure Release				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **parking**

CERS ID **10195858**
Facility ID
Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Motor Oil** CAS No	**Gallons** State: Liquid Type: Waste	**0** Storage Container: Belowground Tank	**550**	0 Pressue Temperature	0 Waste Code: 221	- Fire	waste oil			6474X-XX-X

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog** | Chemical Location | CERS ID **10195858**

Facility Name **Berkeley Gas & Smog** | **pumps island** | Facility ID

3000 SHATTUCK AVE, BERKELEY 94705 | Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Gasoline** CAS No 86290-81-5	**Gallons** State Liquid Type Pure	**7500** Storage Container Belowground Tank Days on Site: 365	**20000**	4500 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Chronic health	1-5 Benzene 0-15 Ethanol 8-15 Aylene 7-14 Toalene			71-43-2 1330-20-7 108-88-3
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Gasoline** CAS No 86290-81-5	**Gallons** State Liquid Type Mixture	**6500** Storage Container Belowground Tank Days on Site: 365	**12000**	500 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Chronic health	Gasoline Benzene Ethyl Benzene Naphalene Ethanol	100 % 5 % 3 % 2 % 10 %	✓ ✓ ✓ ✓ ✓	86290-81-5 71-43-2 100-41-4 91-20-3 64-17-5

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # — — 1.

CERS ID A1.: 10195858

DATE OF PLAN PREPARATION/REVISION A2.: 12/1/2015

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.: Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.: 3000 Shattuck Avenue

BUSINESS SITE CITY 104.: Berkeley

CA

ZIP CODE 105.: 94702

TYPE OF BUSINESS (e.g., Painting Contractor) A3.: Gasoline Service Station

INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.:

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP		9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)		(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)		(800) 424-8802
POISON CONTROL CENTER		(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)		(510) 981-7466 C3.
OTHER (Specify):	C4.	( ) C5.
NEAREST MEDICAL FACILITY / HOSPITAL NAME:	HIGLAND MEDICAL CENTER CAMPUS C6.	(510) 437-4800 C7.
AGENCY NOTIFICATION PHONE NUMBERS: CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)		(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD		(510) 622-2300 C8.
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)		(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)		(916) 358-2900
U.S. COAST GUARD		(202) 267-2180
CAL/OSHA		(916) 263-2800
STATE FIRE MARSHAL		(916) 445-8200
OTHER (Specify):	C9.	( ) C10.
OTHER (Specify):	C11.	( ) C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and, preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☐ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE:
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☒ 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Shattuck Ave. & Ashby Ave. Corner

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE	G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.		G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4.	Store	G5. Rubber Gloves
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.		G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	Store	G9. Goggles
	5. ☐ HARD HATS	G10.		G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.		G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.		G15.
	8. ☒ FIRST AID KITS / STATIONS	G16.	Store	G17. Standard First Air Kit
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.		G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.		G21.
	11. ☐ OTHER	G22.		G23.
	12. ☐ OTHER	G24.		G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26.	Store	G27. Portable ABC Capability - 2A-20BC
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.		G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.		G31.
	16. ☐ OTHER	G32.		G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.		G35.
	18. ☒ ABSORBENT MATERIAL	G36.	Store Room	G37. Kitty Litter
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.		G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.		G41.
	21. ☐ BROOM	G42.		G43.
	22. ☐ SHOVEL	G44.		G45.
	23. ☐ SHOP VAC	G46.		G47.
	24. ☐ EXHAUST HOOD	G48.		G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.		G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.		G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.		G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.		G57.
	29. ☐ OTHER	G58.		G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	Store	G61. Telephone
	31. ☐ INTERCOM / PA SYSTEM	G62.		G63.
	32. ☐ PORTABLE RADIOS	G64.		G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	Store Room	G67. VEEDER ROOT
Other	34. ☐ OTHER	G68.		G69.
	35. ☐ OTHER	G70.		G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)		LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H1.	UST Area; Dispensers	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)		LOCATIONS	
☐ 1. SHELVES, CABINETS AND RACKS	H6.		H7
☒ 2. TANKS (EMERGENCY SHUTOFF)		UST Area	H8.
☐ 3. PORTABLE GAS CYLINDERS			H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☒ 5. OTHER (Specify): DO Training I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR		DATE SIGNED	
		12/01/2015	K1.
NAME OF SIGNER (print)	K2.	TITLE OF SIGNER	K3.
Baskaran Subbiah		Operator	

Employee Training Plan *[HSC, Section 25504(c); 22 CCR §66262.34(a)(4)]*

All facilities that handle hazardous materials in HMBP quantities must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. Personnel are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☐	Location(s) and contents of Emergency Response/Contingency Plan
☐	Facility evacuation drills, that are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

2. Chemical Handlers are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e., inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g., container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. Emergency Response Team Members are capable of and engaged in the following:

Complete this section only if you have an in-house emergency response team

☐	Personnel rescue procedures
☒	Shutdown of operations
☐	Liaison with responding agencies
☐	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☐	Emergency response drills, which are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

C. Record Keeping

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your record keeping procedures is a required module of the Unidocs Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials record keeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e., written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☒	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

Note: The following section applies where local agencies require facility owners/operators to perform and document routine facility self-inspections:

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *[Exception: Unidocs provides a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the Unidocs form (available at* **www.unidocs.org***), you do not need to attach a copy.]*

Check the appropriate box:

☒	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used must be uploaded to CERS with the HMBP.)***

California Environmental Reporting System (CERS) — Underground Storage Tank - Facility Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Facility Type
Motor Vehicle Fueling

Board of Equalization Account Number
44050911

s the facility located on Indian Reservation/Trust lands?
No

Tank Operator

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Ave
Berkeley, Ca 94705

Property Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner Type
Non-Government

Permit Holder Information

Permit Holder Notification Information
Facility Operator

Supervisor of Division, Section, or Office (Required for Public Agencies Only)

Financial Responsibility Mechanism(s)

ndicate which approved mechanism(s) are being used to show financial responsibility either as contained in the federal regulations (40 CFR, Part 280, Subpart H, Sections 280.93 through 280.107) or CCR, Title 23, Division 3, Chapter 18, Section 2808.1.

Self-Insured	Surety Bond	State Fund and CFO Letter **Yes**	Other Mechanism
Guarantee	Letter of Credit	State Fund and CD	
nsurance	Exemption	Local Government Mechanism	

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 1 - 87

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
New Permit

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
1 - 87	1/1/1900	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
20000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Regular Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection

Audible/Visual Alarms

Ball Float

Yes Fill Tube Shut-Off Valve

Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes Spill Bucket
None	None	Fiberglass	Yes Striker Plate/Bottom Protector
			Yes Containment Sump

Under Dispenser Containment (UDC)

Construction Type	Construction Material
Single-walled	Fiberglass

Corrosion Protection

Sacrificial Anode

Impressed Current

Yes Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87

CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment
Dry

Panel Manufacturer
Veeder-Root

Panel Model #
TLS-350R

Leak Sensor Manufacturer
Veeder-Root

Leak Sensor Model #
794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Yes Mechanical Line Leak Detector Performs 3 GPH Leak Test

MLLD Manufacturer
Vaporless Mfg.

MLLD Model
99LD2000

Electronic Line Leak Detector Performs 3 GPH Leak Test

ELLD Manufacturer

ELLD Programmed In-Line Testing

ELLD Triggers Automatic Pump Shutdown

ELLD Model

ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing

Visual Pipeline Monitoring

Pipeline Integrity Testing Frequency

Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring
Continuous

Detection of Leak into UDC Triggers Audible and Visual Alarms
Yes

UDC Leak Alarm Triggers Automatic Pump Shutdown
Yes

UDC Panel Manufacturer
Veeder Root

Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
Yes

UDC Panel Model #
TLS-350R

UDC Monitoring Stops Flow of Product at Dispenser

UDC Leak Sensor Manufacturer
Veeder Root

UDC Construction
Single-walled

UDC Leak Sensor Model
794380-208

UDC Secondary Containment Monitoring

Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 2 - 91

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
New Permit

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
2 - 91	1/1/1900	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
12000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Premium Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection
- Audible/Visual Alarms
- Ball Float
- Yes — Fill Tube Shut-Off Valve
- Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes — Spill Bucket
None	None	Fiberglass	Yes — Striker Plate/Bottom Protector
			Yes — Containment Sump

Under Dispenser Containment (UDC)

Construction Type	Construction Material
Single-walled	Fiberglass

Corrosion Protection

- Sacrificial Anode
- Impressed Current
- Yes — Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91

CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment
Dry

Panel Manufacturer
Veeder-Root

Panel Model #
TLS-350R

Leak Sensor Manufacturer
Veeder-Root

Leak Sensor Model #
794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test

MLLD Manufacturer

MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test

ELLD Manufacturer

ELLD Programmed In-Line Testing

ELLD Triggers Automatic Pump Shutdown

ELLD Model

ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing

Visual Pipeline Monitoring

Pipeline Integrity Testing Frequency

Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring
Continuous

UDC Panel Manufacturer
Veeder Root

UDC Panel Model #
TLS-350R

UDC Leak Sensor Manufacturer
Veeder Root

UDC Leak Sensor Model
794380-208

Detection of Leak into UDC Triggers Audible and Visual Alarms
Yes

UDC Leak Alarm Triggers Automatic Pump Shutdown
Yes

Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
Yes

UDC Monitoring Stops Flow of Product at Dispenser

UDC Construction
Single-walled

UDC Secondary Containment Monitoring

Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 2 - 91
CERS ID: **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
Yes	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes — Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 3 - WO

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
New Permit

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
3 - WO	1/1/1900	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
500		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Used Oil

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Steel

Secondary Containment
Fiberglass

Overfill Protection

	Audible/Visual Alarms
	Ball Float
	Fill Tube Shut-Off Valve
Yes	Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Single-walled	Steel	Fiberglass	None
Piping System Type			
Gravity			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	None	Steel	None
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	**Fill Components Installed**
None	None	Fiberglass	Yes Spill Bucket
			Yes Striker Plate/Bottom Protector
			Yes Containment Sump

Under Dispenser Containment (UDC)

Construction Type
No Dispensers

Construction Material

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 3 - WO
CERS ID: **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single-walled

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System	Monitor Panel Manufacturer	Leak Sensor Manufacturer
Dry	Veeder Root	Veeder Root
	Monitor Panel Model	Leak Sensor Model #
	TLS-350R	794380-420

Automatic Tank Gauging

ATG Panel Manufacturer	In-Tank Probe Manufacturer	Leak Test Frequency	Programmed Tank Tests
ATG Model #	In-tank Probe Model		

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Gauging Test Period

Tank Integrity Testing

Tank Integrity Testing Frequency

Other Monitoring

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 3 - WO
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Leak Sensor Manufacturer: Veeder-Root
Leak Sensor Model #: 794380-208

Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test
MLLD Manufacturer
MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test
ELLD Manufacturer
ELLD Programmed In-Line Testing
ELLD Triggers Automatic Pump Shutdown
ELLD Model
ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing
Visual Pipeline Monitoring
Pipeline Integrity Testing Frequency
Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

Yes No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring: No Dispensers
UDC Panel Manufacturer
UDC Panel Model #
UDC Leak Sensor Manufacturer
UDC Leak Sensor Model

Detection of Leak into UDC Triggers Audible and Visual Alarms
UDC Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
UDC Monitoring Stops Flow of Product at Dispenser
UDC Construction
UDC Secondary Containment Monitoring
Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 3 - WO
CERS ID: **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

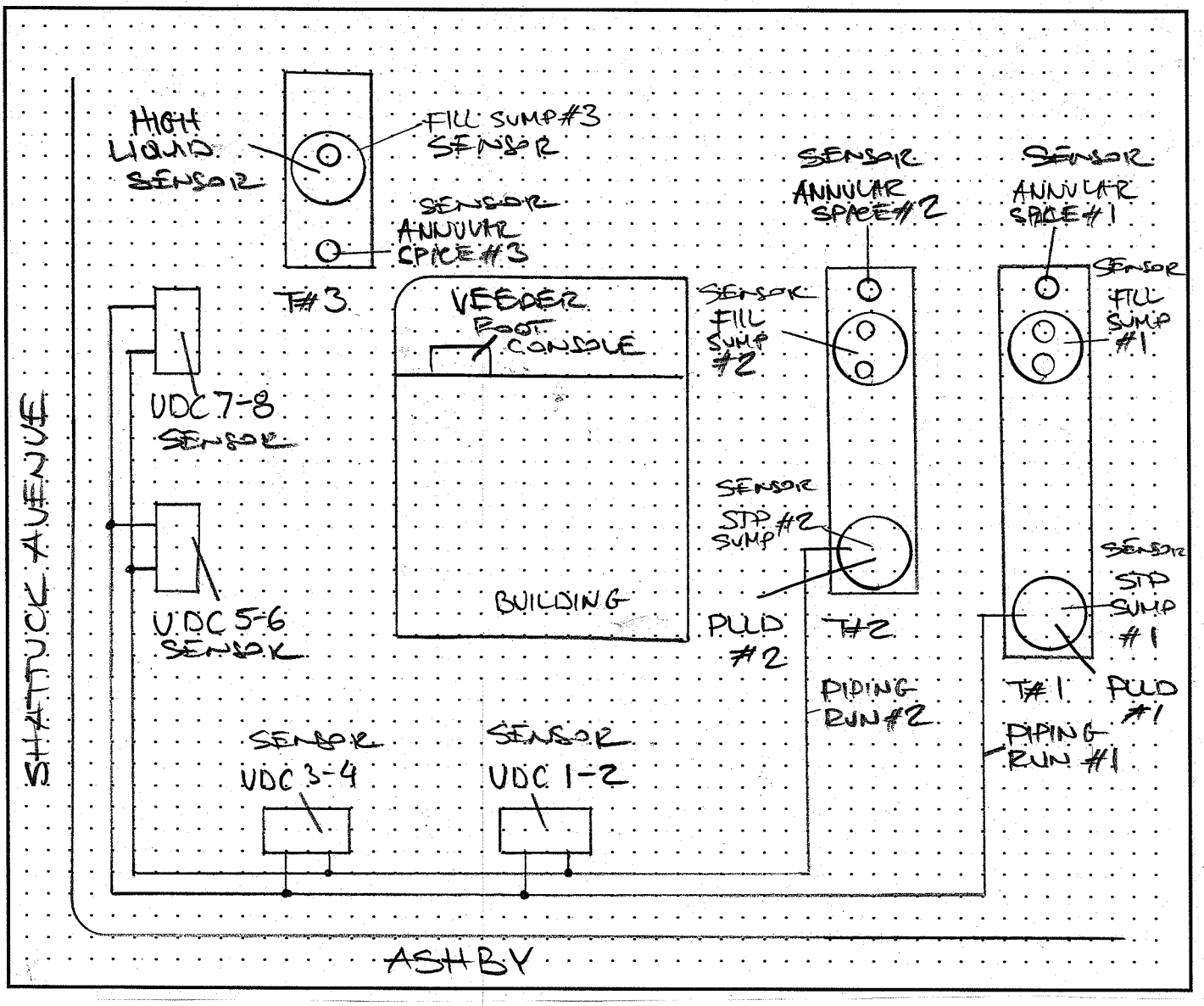
Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

UST Monitoring Site Plan

Site Address: **3000 Shuttock Ave, Berkeley, CA 94702**



Date map was drawn: **09/20/2011**.

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

UNDERGROUND STORAGE TANK
RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☒ 1. NEW PLAN ☒ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1.

BUSINESS NAME (Same as FACILITY NAME) 3.

Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.	BUSINESS SITE CITY 104.
3000 Shattuck Avenue	**Berkeley**

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan (HMBP).

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material which has become too saturated to be effective or which is no longer intended for use will be managed as hazardous waste unless a waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container. Waste material shall be disposed of appropriately.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste unless a hazardous waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: *(Complete only if applicable)*

EQUIPMENT	LOCATION	AVAILABILITY
Spill Kit R10.	**Service Bay** R20.	**At all times** R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
Baskaran Subbiah R40.	**Operator** R50.
R41.	R51.
R42.	R52.
R43.	R53.

V. MONITORING INDICATORS

IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE, STEPS TO VERIFY THE RELEASE WILL BE MADE AS FOLLOWS:

☒ 1. ADDITIONAL SYSTEM TESTING OR DATA COLLECTION ☒ 2. INSPECTION BY QUALIFIED PERSONS ☒ 3. RECALIBRATION OF EQUIPMENT R60.

☐ 99. OTHER (Specify): R61.

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the California Emergency Management Agency at (800) 852-7550.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

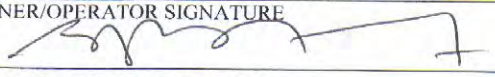
We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70.
	11/29/2015
OWNER/OPERATOR NAME (print) R71.	OWNER/OPERATOR TITLE R72.
BASKARAN SUBBIAH	Owner

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

LETTER FROM CHIEF FINANCIAL OFFICER

I am the Chief Financial Officer for **Berkeley Gas & Smog, 3000 Shattuck Ave, Berkeley**

This letter is in support of the use of the **Underground Storage Tank Cleanup Fund** to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by an unauthorized release of petroleum in the amount of at least **$5,000.00** per occurrence and **$5,000.00** annual aggregate coverage.

Underground storage tanks at the following facilities are assured by this letter:

3000 Shattuck Ave, Berkeley CA 94702

1.	Amount of annual aggregate coverage being assured by this letter	**$5,000.00**
2.	Total tangible assets	**$1,100,000.00**
3.	Total liabilities	**$600,000.00**
4.	Tangible net worth (subtract line 3 from line 2. Line 4 must be at least 10 times line 1)	**$500,000.00**

I hereby certify that the wording of this letter is identical to the wording specified in section 2808.1, subdivision (c)(1), Chapter 18, Division 3, Title 23 of the California Code of Regulations.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief. Executed at **Berkeley** on **December 01, 2015**

(Signature)

BASKAR SUBBIAH

(Printed Name)

CFO/owner

(Title)

UNDERGROUND STORAGE TANK SYSTEM
OWNER STATEMENTS OF DESIGNATED UST OPERATOR AND UNDERSTANDING OF AND COMPLIANCE WITH UST REQUIREMENTS

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: Title 23, Div. 3, Ch. 16 California Code of Regulations (CCR)

FACILITY NAME	FACILITY PHONE
Berkeley Gas & Smog	(510) 469-7634
FACILITY SITE ADDRESS	CITY
3000 Shattuck Avenue	Berkeley

REASON FOR SUBMITTING THIS FORM *(Check One)*: ☐ Change of Designated Operator ☒ Update of ICC Certification Expiration Date(s)

PRIMARY DESIGNATED UST OPERATOR FOR THIS FACILITY

DESIGNATED OPERATOR NAME: Nikola Zagorov	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 5264361 - UC	EXPIRATION DATE: 5/21/2017

ALTERNATE 1 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME: Anthony Steven Abano	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 8115508 - UC	EXPIRATION DATE: 4/29/2017

ALTERNATE 2 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

ALTERNATE 3 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training in accordance with California Code of Regulations, Title 23, Section 2715(c) through (f). Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

~~TANK OWNER~~ Operator NAME: Baskaran Subbiah

~~TANK OWNER~~ Operator TITLE: Operator OWNER PHONE: (510) 469-7634

TANK OWNER SIGNATURE: [signature] DATE: 12/1/2015

INSTRUCTIONS

1. Report the name(s) of the Designated UST Operator(s) as registered with the International Code Council (ICC). ICC certification information is available on-line at: **www.iccsafe.org/e/certsearch.html**. Search for "California UST System Operators."
2. Submit this completed form to the local agency that regulates this facility's USTs. Unidocs member agency jurisdictions and contact information are listed on-line at: **www.unidocs.org/members/whoregulateswhat.html**. Contact information for other local agencies within California is available at: **www.swrcb.ca.gov/cwphome/ust/contacts/docs/local_agency_list.xls**.
3. 23 CCR §2715(a) requires that you notify the local agency of any changes to this information within 30 days of the date of change.

Berkeley Gas & Smog (CERSID: 10195858)

Facility Information **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:13:29 PM by Karl Busche

- Business Activities
- Business Owner/Operator Identification

Guidance Messages

- **Warning**
  1. Business Activities - The Facility Name for CERSID: 10195858 has changed from: 'US SMOG & GAS' to 'Berkeley Gas & Smog'.

Hazardous Materials Inventory **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:13:44 PM by Karl Busche

- Hazardous Material Inventory (5)
- Site Map (Official Use Only)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 270KB)

Emergency Response and Training Plans **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:14:00 PM by Karl Busche

- Emergency Response/Contingency Plan
  - *Emergency Response/Contingency Plan* (Adobe PDF, 2126KB)
- Employee Training Plan
  - *Employee Training Plan* (Adobe PDF, 25KB)

Underground Storage Tanks **Accepted Dec 4, 2015**

Submitted on 12/1/2015 7:38:48 PM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 12/4/2015 2:14:14 PM by Karl Busche

- UST Facility Operating Permit Application
- UST Tank Information/Monitoring Plan - Tank ID #1 - 87
- UST Tank Information/Monitoring Plan - Tank ID #2 - 91
- UST Tank Information/Monitoring Plan - Tank ID #3 - WO
- UST Monitoring Site Plan
  - *UST Monitoring Site Plan* (Adobe PDF, 123KB)
- UST Certification of Financial Responsibility
  - *UST Certification of Financial Responsibility* (Adobe PDF, 165KB)
- UST Response Plan
  - *UST Response Plan* (Adobe PDF, 1246KB)
- UST Owner/Operator: Written Agreement
  - Stored At Facility *Berkeley Gas & Smog* CERSID (10195858)
- UST Letter from Chief Financial Officer
  - *UST Letter from the Chief Financial Officer* (Adobe PDF, 297KB)
- Owner Statement of Designated UST Operator Compliance
  - *Owner Statement of Designated UST Operator Compliance* (Adobe PDF, 624KB)

California Environmental Reporting System (CERS) — Business Activities

Site Identification

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705
County
Alameda

CERS ID
10195858
EPA ID Number

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	Yes

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	Yes

Hazardous Waste

Is your facility a Hazardous Waste Generator?	No
Does your facility treat hazardous waste on-site?	No
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	No
Does your facility consolidate hazardous waste generated at a remote site?	No
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	No
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	No
Is your facility a Household Hazardous Waste (HHW) Collection site?	No

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	No
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	No
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	No

Additional Information

No additional comments provided.

California Environmental Reporting System (CERS) — Business Owner Operator

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Identification

Baskaran Subbiah

Operator Phone	Business Phone	Business Fax
(510) 469-7634	(510) 529-4820	

Beginning Date	Ending Date	
2/19/2015	11/24/2016	
Dun & Bradstreet	SIC Code	Primary NAICS

Facility/Site Mailing Address

3000 Shattuck Ave
Berkeley, CA 94705

Primary Emergency Contact

Baskar Subbiah
Title
Operator

Business Phone	24-Hour Phone	Pager Number
(510) 469-7634	(510) 469-7634	

Owner

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Avenue
Berkeley, CA 94705

Secondary Emergency Contact

Nirmal Phunyal
Title
Manager

Business Phone	24-Hour Phone	Pager Number
(510) 982-9286	(510) 982-9286	

Billing Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Ave
Berkeley, CA 94705

Environmental Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Avenue
Berkeley, CA 94705

Name of Signer	Signer Title	Document Preparer
Baskaran Subbiah	Operator	Baskaran Subbiah

Additional Information

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Phone

Mailing Address

Assessor Parcel Number (APN)

Number of Employees

Facility ID

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location

CERS ID **10195858**
Facility ID
Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Motor Oil** CAS No	**Gallons** State: Liquid Type: Pure	**20** Storage Container: Plastic Bottle or Jug	**1**	20 Pressue Temperature	Waste Code: 221	- Fire	VARIOUS LUBRICATING BASE OILS ADDITIVE PACKAGE, INCLUDING ZINC ALKYLDITHIOPHOSPHATE	85 % 15 % 2 %		6474X-XX-X MIXTURE 68649-42-3

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **Outside the Mart**

CERS ID **10195858**
Facility ID
Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.1 - Flammable Gases Flammable Gas	**Liquefied Petroleum Gas (lpg)** CAS No 74-98-6	**Cu. Feet**	**5** State Gas Type Pure	Storage Container Cylinder	Pressue Temperature	Waste Code	- Fire - Pressure Release				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **parking**

CERS ID **10195858**
Facility ID
Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Motor Oil** CAS No	**Gallons** State: Liquid Type: Waste	**0** Storage Container: Belowground Tank	**550**	0 Pressue Temperature	0 Waste Code: 221	- Fire	waste oil			6474X-XX-X

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog** | Chemical Location | CERS ID **10195858**

Facility Name **Berkeley Gas & Smog** | **pumps island** | Facility ID

3000 SHATTUCK AVE, BERKELEY 94705 | Status **Submitted** on 12/1/2015 7:38 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Gasoline** CAS No 86290-81-5	**Gallons** State Liquid Type Pure	**7500** Storage Container Belowground Tank Days on Site: 365	**20000**	4500 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Chronic health	1-5 Benzene 0-15 Ethanol 8-15 Aylene 7-14 Toalene			71-43-2 1330-20-7 108-88-3
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Gasoline** CAS No 86290-81-5	**Gallons** State Liquid Type Mixture	**6500** Storage Container Belowground Tank Days on Site: 365	**12000**	500 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Chronic health	Gasoline Benzene Ethyl Benzene Naphalene Ethanol	100 % 5 % 3 % 2 % 10 %	✓ ✓ ✓ ✓ ✓	86290-81-5 71-43-2 100-41-4 91-20-3 64-17-5

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # — — 1.

CERS ID A1.: 10195858

DATE OF PLAN PREPARATION/REVISION A2.: 12/1/2015

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.: Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.: 3000 Shattuck Avenue

BUSINESS SITE CITY 104.: Berkeley

CA

ZIP CODE 105.: 94702

TYPE OF BUSINESS (e.g., Painting Contractor) A3.: Gasoline Service Station

INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.:

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP		9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)		(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)		(800) 424-8802
POISON CONTROL CENTER		(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)		(510) 981-7466 C3.
OTHER (Specify):	C4.	( ) C5.
NEAREST MEDICAL FACILITY / HOSPITAL NAME:	HIGLAND MEDICAL CENTER CAMPUS C6.	(510) 437-4800 C7.
AGENCY NOTIFICATION PHONE NUMBERS: CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)		(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD		(510) 622-2300 C8.
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)		(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)		(916) 358-2900
U.S. COAST GUARD		(202) 267-2180
CAL/OSHA		(916) 263-2800
STATE FIRE MARSHAL		(916) 445-8200
OTHER (Specify):	C9.	( ) C10.
OTHER (Specify):	C11.	( ) C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and, preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☐ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE:
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☒ 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Shattuck Ave. & Ashby Ave. Corner

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE	G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.		G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4.	Store	G5. Rubber Gloves
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.		G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	Store	G9. Goggles
	5. ☐ HARD HATS	G10.		G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.		G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.		G15.
	8. ☒ FIRST AID KITS / STATIONS	G16.	Store	G17. Standard First Air Kit
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.		G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.		G21.
	11. ☐ OTHER	G22.		G23.
	12. ☐ OTHER	G24.		G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26.	Store	G27. Portable ABC Capability - 2A-20BC
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.		G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.		G31.
	16. ☐ OTHER	G32.		G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.		G35.
	18. ☒ ABSORBENT MATERIAL	G36.	Store Room	G37. Kitty Litter
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.		G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.		G41.
	21. ☐ BROOM	G42.		G43.
	22. ☐ SHOVEL	G44.		G45.
	23. ☐ SHOP VAC	G46.		G47.
	24. ☐ EXHAUST HOOD	G48.		G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.		G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.		G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.		G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.		G57.
	29. ☐ OTHER	G58.		G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	Store	G61. Telephone
	31. ☐ INTERCOM / PA SYSTEM	G62.		G63.
	32. ☐ PORTABLE RADIOS	G64.		G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	Store Room	G67. VEEDER ROOT
Other	34. ☐ OTHER	G68.		G69.
	35. ☐ OTHER	G70.		G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)		LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H1.	UST Area; Dispensers	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)		LOCATIONS	
☐ 1. SHELVES, CABINETS AND RACKS	H6.		H7
☒ 2. TANKS (EMERGENCY SHUTOFF)		UST Area	H8.
☐ 3. PORTABLE GAS CYLINDERS			H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☒ 5. OTHER (Specify): DO Training I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR		DATE SIGNED	
		12/01/2015	K1.
NAME OF SIGNER (print)	K2.	TITLE OF SIGNER	K3.
Baskaran Subbiah		Operator	

Employee Training Plan *[HSC, Section 25504(c); 22 CCR §66262.34(a)(4)]*

All facilities that handle hazardous materials in HMBP quantities must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. Personnel are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☐	Location(s) and contents of Emergency Response/Contingency Plan
☐	Facility evacuation drills, that are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

2. Chemical Handlers are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e., inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g., container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. Emergency Response Team Members are capable of and engaged in the following:

Complete this section only if you have an in-house emergency response team

☐	Personnel rescue procedures
☒	Shutdown of operations
☐	Liaison with responding agencies
☐	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☐	Emergency response drills, which are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

C. Record Keeping

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your record keeping procedures is a required module of the Unidocs Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials record keeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e., written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☒	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

Note: The following section applies where local agencies require facility owners/operators to perform and document routine facility self-inspections:

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *[Exception: Unidocs provides a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the Unidocs form (available at* **www.unidocs.org***), you do not need to attach a copy.]*

Check the appropriate box:

☒	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used must be uploaded to CERS with the HMBP.)***

California Environmental Reporting System (CERS) — Underground Storage Tank - Facility Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Facility Type
Motor Vehicle Fueling

Board of Equalization Account Number
44050911

s the facility located on Indian Reservation/Trust lands?
No

Tank Operator

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Ave
Berkeley, Ca 94705

Property Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner Type
Non-Government

Permit Holder Information

Permit Holder Notification Information
Facility Operator

Supervisor of Division, Section, or Office (Required for Public Agencies Only)

Financial Responsibility Mechanism(s)

ndicate which approved mechanism(s) are being used to show financial responsibility either as contained in the federal regulations (40 CFR, Part 280, Subpart H, Sections 280.93 through 280.107) or CCR, Title 23, Division 3, Chapter 18, Section 2808.1.

Self-Insured	Surety Bond	State Fund and CFO Letter **Yes**	Other Mechanism
Guarantee	Letter of Credit	State Fund and CD	
nsurance	Exemption	Local Government Mechanism	

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 1 - 87

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
New Permit

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
1 - 87	1/1/1900	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
20000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Regular Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection

Audible/Visual Alarms

Ball Float

Yes Fill Tube Shut-Off Valve

Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes Spill Bucket
None	None	Fiberglass	Yes Striker Plate/Bottom Protector
			Yes Containment Sump

Under Dispenser Containment (UDC)

Construction Type	Construction Material
Single-walled	Fiberglass

Corrosion Protection

Sacrificial Anode

Impressed Current

Yes Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87

CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment
Dry

Panel Manufacturer
Veeder-Root

Panel Model #
TLS-350R

Leak Sensor Manufacturer
Veeder-Root

Leak Sensor Model #
794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Yes Mechanical Line Leak Detector Performs 3 GPH Leak Test

MLLD Manufacturer
Vaporless Mfg.

MLLD Model
99LD2000

Electronic Line Leak Detector Performs 3 GPH Leak Test

ELLD Manufacturer

ELLD Programmed In-Line Testing

ELLD Triggers Automatic Pump Shutdown

ELLD Model

ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing

Visual Pipeline Monitoring

Pipeline Integrity Testing Frequency

Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring
Continuous

Detection of Leak into UDC Triggers Audible and Visual Alarms
Yes

UDC Leak Alarm Triggers Automatic Pump Shutdown
Yes

UDC Panel Manufacturer
Veeder Root

Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
Yes

UDC Panel Model #
TLS-350R

UDC Monitoring Stops Flow of Product at Dispenser

UDC Leak Sensor Manufacturer
Veeder Root

UDC Construction
Single-walled

UDC Leak Sensor Model
794380-208

UDC Secondary Containment Monitoring

Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 2 - 91

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
New Permit

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
2 - 91	1/1/1900	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
12000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Premium Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection
- Audible/Visual Alarms
- Ball Float
- Yes — Fill Tube Shut-Off Valve
- Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes — Spill Bucket
None	None	Fiberglass	Yes — Striker Plate/Bottom Protector
			Yes — Containment Sump

Under Dispenser Containment (UDC)

Construction Type	Construction Material
Single-walled	Fiberglass

Corrosion Protection

- Sacrificial Anode
- Impressed Current
- Yes — Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91

CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment
Dry

Panel Manufacturer
Veeder-Root

Panel Model #
TLS-350R

Leak Sensor Manufacturer
Veeder-Root

Leak Sensor Model #
794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test

MLLD Manufacturer

MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test

ELLD Manufacturer

ELLD Programmed In-Line Testing

ELLD Triggers Automatic Pump Shutdown

ELLD Model

ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing

Visual Pipeline Monitoring

Pipeline Integrity Testing Frequency

Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring
Continuous

UDC Panel Manufacturer
Veeder Root

UDC Panel Model #
TLS-350R

UDC Leak Sensor Manufacturer
Veeder Root

UDC Leak Sensor Model
794380-208

Detection of Leak into UDC Triggers Audible and Visual Alarms
Yes

UDC Leak Alarm Triggers Automatic Pump Shutdown
Yes

Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
Yes

UDC Monitoring Stops Flow of Product at Dispenser

UDC Construction
Single-walled

UDC Secondary Containment Monitoring

Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 2 - 91
CERS ID: **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
Yes	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes — Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 3 - WO

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
New Permit

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
3 - WO	1/1/1900	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
500		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Used Oil

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Steel

Secondary Containment
Fiberglass

Overfill Protection

	Audible/Visual Alarms
	Ball Float
	Fill Tube Shut-Off Valve
Yes	Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Single-walled	Steel	Fiberglass	None
Piping System Type			
Gravity			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	None	Steel	None
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	**Fill Components Installed**
None	None	Fiberglass	Yes Spill Bucket
			Yes Striker Plate/Bottom Protector
			Yes Containment Sump

Under Dispenser Containment (UDC)

Construction Type
No Dispensers

Construction Material

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 3 - WO
CERS ID: **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single-walled

Submittal Status

Submitted on 12/1/2015 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 12/4/2015 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System	Monitor Panel Manufacturer	Leak Sensor Manufacturer
Dry	Veeder Root	Veeder Root
	Monitor Panel Model	Leak Sensor Model #
	TLS-350R	794380-420

Automatic Tank Gauging

ATG Panel Manufacturer	In-Tank Probe Manufacturer	Leak Test Frequency	Programmed Tank Tests
ATG Model #	In-tank Probe Model		

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Gauging Test Period

Tank Integrity Testing

Tank Integrity Testing Frequency

Other Monitoring

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 3 - WO
CERS ID **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Leak Sensor Manufacturer: Veeder-Root
Leak Sensor Model #: 794380-208

Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test
MLLD Manufacturer
MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test
ELLD Manufacturer
ELLD Programmed In-Line Testing
ELLD Triggers Automatic Pump Shutdown
ELLD Model
ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing
Visual Pipeline Monitoring
Pipeline Integrity Testing Frequency
Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

Yes No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring: No Dispensers
UDC Panel Manufacturer
UDC Panel Model #
UDC Leak Sensor Manufacturer
UDC Leak Sensor Model

Detection of Leak into UDC Triggers Audible and Visual Alarms
UDC Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
UDC Monitoring Stops Flow of Product at Dispenser
UDC Construction
UDC Secondary Containment Monitoring
Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 3 - WO
CERS ID: **10195858**

Tank Info: Installed Date: 1/1/1900 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

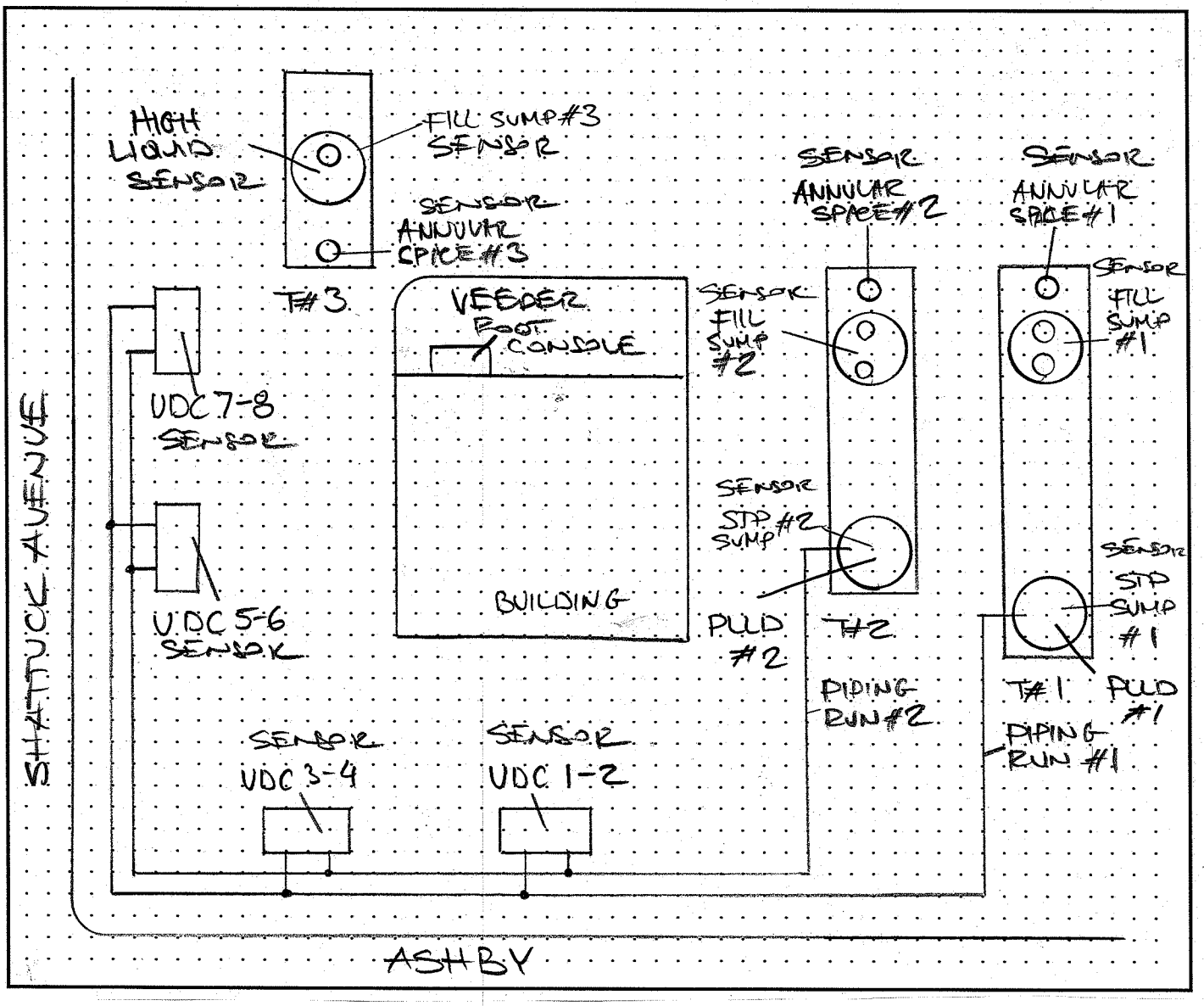
Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

UST Monitoring Site Plan

Site Address: **3000 Shuttock Ave, Berkeley, CA 94702**



Date map was drawn: **09/20/2011**.

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

UNDERGROUND STORAGE TANK
RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☒ 1. NEW PLAN ☒ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1.

BUSINESS NAME (Same as FACILITY NAME) 3.

Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.	BUSINESS SITE CITY 104.
3000 Shattuck Avenue	**Berkeley**

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan (HMBP).

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material which has become too saturated to be effective or which is no longer intended for use will be managed as hazardous waste unless a waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container. Waste material shall be disposed of appropriately.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste unless a hazardous waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: *(Complete only if applicable)*

EQUIPMENT	LOCATION	AVAILABILITY
Spill Kit R10.	**Service Bay** R20.	**At all times** R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
Baskaran Subbiah R40.	**Operator** R50.
R41.	R51.
R42.	R52.
R43.	R53.

V. MONITORING INDICATORS

IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE, STEPS TO VERIFY THE RELEASE WILL BE MADE AS FOLLOWS:

☒ 1. ADDITIONAL SYSTEM TESTING OR DATA COLLECTION ☒ 2. INSPECTION BY QUALIFIED PERSONS ☒ 3. RECALIBRATION OF EQUIPMENT R60.

☐ 99. OTHER (Specify): R61.

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the California Emergency Management Agency at (800) 852-7550.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

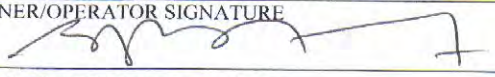
We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70.
	11/29/2015
OWNER/OPERATOR NAME (print) R71.	OWNER/OPERATOR TITLE R72.
BASKARAN SUBBIAH	Owner

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

LETTER FROM CHIEF FINANCIAL OFFICER

I am the Chief Financial Officer for **Berkeley Gas & Smog, 3000 Shattuck Ave, Berkeley**

This letter is in support of the use of the **Underground Storage Tank Cleanup Fund** to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by an unauthorized release of petroleum in the amount of at least **$5,000.00** per occurrence and **$5,000.00** annual aggregate coverage.

Underground storage tanks at the following facilities are assured by this letter:

3000 Shattuck Ave, Berkeley CA 94702

1.	Amount of annual aggregate coverage being assured by this letter	**$5,000.00**
2.	Total tangible assets	**$1,100,000.00**
3.	Total liabilities	**$600,000.00**
4.	Tangible net worth (subtract line 3 from line 2. Line 4 must be at least 10 times line 1)	**$500,000.00**

I hereby certify that the wording of this letter is identical to the wording specified in section 2808.1, subdivision (c)(1), Chapter 18, Division 3, Title 23 of the California Code of Regulations.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief. Executed at **Berkeley** on **December 01, 2015**

(Signature)

BASKAR SUBBIAH

(Printed Name)

CFO/owner

(Title)

UNDERGROUND STORAGE TANK SYSTEM
OWNER STATEMENTS OF DESIGNATED UST OPERATOR AND UNDERSTANDING OF AND COMPLIANCE WITH UST REQUIREMENTS

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: Title 23, Div. 3, Ch. 16 California Code of Regulations (CCR)

FACILITY NAME	FACILITY PHONE
Berkeley Gas & Smog	(510) 469-7634
FACILITY SITE ADDRESS	CITY
3000 Shattuck Avenue	Berkeley

REASON FOR SUBMITTING THIS FORM *(Check One)*: ☐ Change of Designated Operator ☒ Update of ICC Certification Expiration Date(s)

PRIMARY DESIGNATED UST OPERATOR FOR THIS FACILITY

DESIGNATED OPERATOR NAME: Nikola Zagorov	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 5264361 - UC	EXPIRATION DATE: 5/21/2017

ALTERNATE 1 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME: Anthony Steven Abano	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 8115508 - UC	EXPIRATION DATE: 4/29/2017

ALTERNATE 2 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

ALTERNATE 3 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training in accordance with California Code of Regulations, Title 23, Section 2715(c) through (f). Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

~~TANK OWNER~~ Operator NAME: Baskaran Subbiah

~~TANK OWNER~~ Operator TITLE: Operator OWNER PHONE: (510) 469-7634

TANK OWNER SIGNATURE: [signature] DATE: 12/1/2015

INSTRUCTIONS

1. Report the name(s) of the Designated UST Operator(s) as registered with the International Code Council (ICC). ICC certification information is available on-line at: **www.iccsafe.org/e/certsearch.html**. Search for "California UST System Operators."
2. Submit this completed form to the local agency that regulates this facility's USTs. Unidocs member agency jurisdictions and contact information are listed on-line at: **www.unidocs.org/members/whoregulateswhat.html**. Contact information for other local agencies within California is available at: **www.swrcb.ca.gov/cwphome/ust/contacts/docs/local_agency_list.xls**.
3. 23 CCR §2715(a) requires that you notify the local agency of any changes to this information within 30 days of the date of change.

Berkeley Gas & Smog (CERSID: 10195858)

Facility Information **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:18:44 AM by Karl Busche

- Business Activities
- Business Owner/Operator Identification

Guidance Messages

- **Warning:**
  1. Business Activities - The federal EPA ID Number for CERSID: 10195858 has changed from: '00000000' to 'CAL000424917'.

Hazardous Materials Inventory **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:18:54 AM by Karl Busche

- Hazardous Material Inventory (6)
- Site Map (Official Use Only)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 270KB)

Emergency Response and Training Plans **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:19:04 AM by Karl Busche

- Emergency Response/Contingency Plan
  - *Emergency Response/Contingency Plan* (Adobe PDF, 2126KB)
  - *Emergency Response/Contingency Plan* (Adobe PDF, 1512KB)
- Employee Training Plan
  - *Employee Training Plan* (Adobe PDF, 25KB)

Underground Storage Tanks **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:19:14 AM by Karl Busche

- UST Facility Operating Permit Application
- UST Tank Information/Monitoring Plan - Tank ID #1 - 87
- UST Tank Information/Monitoring Plan - Tank ID #2 - 91
- UST Tank Information/Monitoring Plan - Tank ID #3 - WO
- UST Monitoring Site Plan
  - *UST Monitoring Site Plan* (Adobe PDF, 123KB)
- UST Certification of Financial Responsibility
  - *UST Certification of Financial Responsibility* (Adobe PDF, 165KB)
- UST Response Plan
  - *UST Response Plan* (Adobe PDF, 1246KB)
- UST Owner/Operator: Written Agreement
  - Stored At Facility *Berkeley Gas & Smog* CERSID (10195858)
- UST Letter from Chief Financial Officer
  - *UST Letter from the Chief Financial Officer* (Adobe PDF, 297KB)
- Owner Statement of Designated UST Operator Compliance
  - *Owner Statement of Designated UST Operator Compliance* (Adobe PDF, 624KB)
  - *Owner Statement of Designated UST Operator Compliance* (Adobe PDF, 501KB)
  - *Owner Statement of Designated UST Operator Compliance* (MS Word, 47KB)

California Environmental Reporting System (CERS) — Business Activities

Site Identification

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705
County
Alameda

CERS ID
10195858
EPA ID Number
CAL000424917

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	**Yes**

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	**Yes**

Hazardous Waste

Is your facility a Hazardous Waste Generator?	**Yes**
Does your facility treat hazardous waste on-site?	**No**
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	**No**
Does your facility consolidate hazardous waste generated at a remote site?	**No**
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	**No**
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	**No**
Is your facility a Household Hazardous Waste (HHW) Collection site?	**No**

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	**No**
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	**No**
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	**No**

Additional Information

No additional comments provided.

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Identification

Baskaran Subbiah

Operator Phone	Business Phone	Business Fax
(510) 469-7634	(510) 529-4820	

Beginning Date	Ending Date	
Dun & Bradstreet	SIC Code	Primary NAICS

Facility/Site Mailing Address

3000 Shattuck Ave
Berkeley, CA 94705

Primary Emergency Contact

Baskar Subbiah
Title
Operator

Business Phone	24-Hour Phone	Pager Number
(510) 469-7634	(510) 469-7634	

Owner

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Avenue
Berkeley, CA 94705

Secondary Emergency Contact

Nirmal Phunyal
Title
Manager

Business Phone	24-Hour Phone	Pager Number
(510) 982-9286	(510) 982-9286	

Billing Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Ave
Berkeley, CA 94705

Environmental Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Avenue
Berkeley, CA 94705

Name of Signer	Signer Title	Document Preparer
Baskaran Subbiah	Operator	Baskaran Subbiah

Additional Information

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Xin Jin
Phone
(510) 692-2994
Mailing Address
3000 Shattuck Avenue
Berkeley, CA

Assessor Parcel Number (APN)

Number of Employees
2

Facility ID

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog** | Chemical Location | CERS ID **10195858**

Facility Name **Berkeley Gas & Smog** | Facility ID

3000 SHATTUCK AVE, BERKELEY 94705 | Status **Submitted** on 4/27/2017 10:33 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Motor Oil** CAS No	**Gallons** State: Liquid Type: Mixture	**20** Storage Container: Plastic Bottle or Jug	**500**	20 Pressue Temperature	2 Waste Code: 221	- Fire	VARIOUS LUBRICATING BASE OILS ADDITIVE PACKAGE, INCLUDING ZINC ALKYLDITHIOPHOSPHATE	85 % 15 % 2 %		6474X-XX-X MIXTURE 68649-42-3
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Used Motor Oil** CAS No	**Gallons** State: Liquid Type: Waste	**500** Storage Container: Belowground Tank		0 Pressue Temperature	2 Waste Code: 221	- Fire	VARIOUS LUBRICATING BASE OILS ADDITIVE PACKAGE, INCLUDING ZINC ALKYLDITHIOPHOSPHATE	85 % 15 % 2 %		6474X-XX-X MIXTURE 68649-42-3
DOT: 2.2 - Nonflammable Gases	**Nitrogen** CAS No: 7727-37-9	**Cu. Feet** State: Gas Type: Pure	**3** Storage Container: Can		3 Pressue Temperature	Waste Code	- Pressure Release				
DOT: 2.1 - Flammable Gases Flammable Gas	**Liquefied Petroleum Gas (lpg)** CAS No: 74-98-6	**Cu. Feet** State: Gas Type: Pure	**250** Storage Container: Can Days on Site: 365		100 Pressue Temperature	0 Waste Code	- Fire - Pressure Release				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **underground**

CERS ID **10195858**
Facility ID
Status **Submitted** on 4/27/2017 10:33 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Reg Unleaded Gasoline 87 Octane** CAS No 86290-81-5	**Gallons** State Liquid Type Mixture	**5000** Storage Container Belowground Tank Days on Site: 365	**19703**	3200 Pressue Ambient Temperature Ambient	0 Waste Code	- Fire - Chronic health	1-5 Benzene 0-15 Etanol 8-15 Aylene 7-14 Toalene			71-43-2 1330-20-7 108-88-3

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **Underground**

CERS ID **10195858**
Facility ID
Status **Submitted** on 4/27/2017 10:33 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Super Gasoline(91 Octane)** CAS No 86290-81-5	**Gallons** State Liquid Type Mixture	**850** Storage Container Belowground Tank Days on Site: 365	**11845**	500 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Chronic health	Gasoline Benzene Ethyl Benzene Naphalene Ethanol	100 % 5 % 3 % 2 % 10 %		

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # — — 1.

CERS ID A1.: 10195858

DATE OF PLAN PREPARATION/REVISION A2.: 12/1/2015

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.: Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.: 3000 Shattuck Avenue

BUSINESS SITE CITY 104.: Berkeley

CA

ZIP CODE 105.: 94702

TYPE OF BUSINESS (e.g., Painting Contractor) A3.: Gasoline Service Station

INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.:

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP		9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)		(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)		(800) 424-8802
POISON CONTROL CENTER		(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)		(510) 981-7466 C3.
OTHER (Specify):	C4.	( ) C5.
NEAREST MEDICAL FACILITY / HOSPITAL NAME:	HIGLAND MEDICAL CENTER CAMPUS C6.	(510) 437-4800 C7.
AGENCY NOTIFICATION PHONE NUMBERS: CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)		(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD		(510) 622-2300 C8.
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)		(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)		(916) 358-2900
U.S. COAST GUARD		(202) 267-2180
CAL/OSHA		(916) 263-2800
STATE FIRE MARSHAL		(916) 445-8200
OTHER (Specify):	C9.	( ) C10.
OTHER (Specify):	C11.	( ) C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and, preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☐ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE:
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☒ 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Shattuck Ave. & Ashby Ave. Corner

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE	G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.		G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4.	Store	G5. Rubber Gloves
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.		G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	Store	G9. Goggles
	5. ☐ HARD HATS	G10.		G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.		G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.		G15.
	8. ☒ FIRST AID KITS / STATIONS	G16.	Store	G17. Standard First Air Kit
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.		G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.		G21.
	11. ☐ OTHER	G22.		G23.
	12. ☐ OTHER	G24.		G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26.	Store	G27. Portable ABC Capability - 2A-20BC
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.		G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.		G31.
	16. ☐ OTHER	G32.		G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.		G35.
	18. ☒ ABSORBENT MATERIAL	G36.	Store Room	G37. Kitty Litter
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.		G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.		G41.
	21. ☐ BROOM	G42.		G43.
	22. ☐ SHOVEL	G44.		G45.
	23. ☐ SHOP VAC	G46.		G47.
	24. ☐ EXHAUST HOOD	G48.		G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.		G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.		G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.		G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.		G57.
	29. ☐ OTHER	G58.		G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	Store	G61. Telephone
	31. ☐ INTERCOM / PA SYSTEM	G62.		G63.
	32. ☐ PORTABLE RADIOS	G64.		G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	Store Room	G67. VEEDER ROOT
Other	34. ☐ OTHER	G68.		G69.
	35. ☐ OTHER	G70.		G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)		LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H1.	UST Area; Dispensers	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)		LOCATIONS	
☐ 1. SHELVES, CABINETS AND RACKS	H6.		H7
☒ 2. TANKS (EMERGENCY SHUTOFF)		UST Area	H8.
☐ 3. PORTABLE GAS CYLINDERS			H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☒ 5. OTHER (Specify): DO Training I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR		DATE SIGNED	
		12/01/2015	K1.
NAME OF SIGNER (print)	K2.	TITLE OF SIGNER	K3.
Baskaran Subbiah		Operator	

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # — A1. CERS ID: 10195858 — A2. DATE OF PLAN PREPARATION/REVISION: 4/3/2017

A3. BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)*: Berkeley Gas & Smog

A3a. BUSINESS SITE ADDRESS: 3000 Shattuck Avenue

A4. BUSINESS SITE CITY: Berkeley | CA | A5. ZIP CODE: 94702

A6. TYPE OF BUSINESS (e.g., Painting Contractor): Gasoline Service Station

A7. INCIDENTAL OPERATIONS (e.g., Fleet Maintenance):

A8. THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply)

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

B1. INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply)

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

C1. INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply)

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

C2. NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply)

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)	(510) 981-7466
OTHER (Specify): C4	( ) C5

C6. NEAREST MEDICAL FACILITY / HOSPITAL NAME: HIGLAND MEDICAL CENTER CAMPUS — (510) 437-4800 C7

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD	(510) 622-2300 C8
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9	( ) C10
OTHER (Specify): C11	( ) C12

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and, preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☐ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE:
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☒ 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Shattuck Ave. & Ashby Ave. Corner

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.	G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	Store G4.	Rubber Gloves G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	Store G8.	Goggles G9.
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☒ FIRST AID KITS / STATIONS	Store G16.	Standard First Air Kit G17.
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.	G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	Store G26.	Portable ABC Capability - 2A-20BC G27.
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☒ ABSORBENT MATERIAL	Store Room G36.	Kitty Litter G37.
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☐ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	Store G60.	Telephone G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	Store Room G66.	VEEDER ROOT G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)	H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA		UST Area; Dispensers	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)	H6.	LOCATIONS	
☐ 1. SHELVES, CABINETS AND RACKS			H7.
☒ 2. TANKS (EMERGENCY SHUTOFF)		UST Area	H8.
☐ 3. PORTABLE GAS CYLINDERS			H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☒ 5. OTHER (Specify): DO Training I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR		DATE SIGNED	K1.
		4/3/2017	
NAME OF SIGNER (print)	K2.	TITLE OF SIGNER	K3.
Baskaran Subbiah		Operator	

Employee Training Plan *[HSC, Section 25504(c); 22 CCR §66262.34(a)(4)]*

All facilities that handle hazardous materials in HMBP quantities must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. Personnel are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☐	Location(s) and contents of Emergency Response/Contingency Plan
☐	Facility evacuation drills, that are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

2. Chemical Handlers are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e., inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g., container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. Emergency Response Team Members are capable of and engaged in the following:

Complete this section only if you have an in-house emergency response team

☐	Personnel rescue procedures
☒	Shutdown of operations
☐	Liaison with responding agencies
☐	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☐	Emergency response drills, which are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

C. Record Keeping

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your record keeping procedures is a required module of the Unidocs Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials record keeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e., written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☒	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

Note: The following section applies where local agencies require facility owners/operators to perform and document routine facility self-inspections:

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *[Exception: Unidocs provides a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the Unidocs form (available at* **www.unidocs.org***), you do not need to attach a copy.]*

Check the appropriate box:

☒	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used must be uploaded to CERS with the HMBP.)***

California Environmental Reporting System (CERS) — Underground Storage Tank - Facility Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Facility Type
Motor Vehicle Fueling

Board of Equalization Account Number
44050911

Is the facility located on Indian Reservation/Trust lands?
No

Tank Operator

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Ave
Berkeley, Ca 94705

Property Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner Type
Non-Government

Permit Holder Information

Permit Holder Notification Information
Facility Operator

Supervisor of Division, Section, or Office (Required for Public Agencies Only)

Financial Responsibility Mechanism(s)

Indicate which approved mechanism(s) are being used to show financial responsibility either as contained in the federal regulations (40 CFR, Part 280, Subpart H, Sections 280.93 through 280.107) or CCR, Title 23, Division 3, Chapter 18, Section 2808.1.

Self-Insured	Surety Bond	State Fund and CFO Letter **Yes**	Other Mechanism
Guarantee	Letter of Credit	State Fund and CD	
Insurance	Exemption	Local Government Mechanism	

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 1 - 87

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
1 - 87	1/20/2000	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
20000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Regular Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection

Audible/Visual Alarms	
Ball Float	
Yes	Fill Tube Shut-Off Valve
	Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes — Spill Bucket
None	None	Fiberglass	Yes — Striker Plate/Bottom Protector
			Yes — Containment Sump

Under Dispenser Containment (UDC)

Construction Type	Construction Material
Single-walled	Fiberglass

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 1 - 87
CERS ID: **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87
CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Leak Sensor Manufacturer: Veeder-Root
Leak Sensor Model #: 794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Yes Mechanical Line Leak Detector Performs 3 GPH Leak Test
MLLD Manufacturer: Vaporless Mfg.
MLLD Model: 99LD2000

Electronic Line Leak Detector Performs 3 GPH Leak Test
ELLD Manufacturer
ELLD Programmed In-Line Testing
ELLD Triggers Automatic Pump Shutdown
ELLD Model
ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing
Visual Pipeline Monitoring
Pipeline Integrity Testing Frequency
Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring: Continuous
UDC Panel Manufacturer: Veeder Root
UDC Panel Model #: TLS-350R
UDC Leak Sensor Manufacturer: Veeder Root
UDC Leak Sensor Model: 794380-208

Detection of Leak into UDC Triggers Audible and Visual Alarms: Yes
UDC Leak Alarm Triggers Automatic Pump Shutdown: Yes
Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown: Yes
UDC Monitoring Stops Flow of Product at Dispenser
UDC Construction: Single-walled
UDC Secondary Containment Monitoring
Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 1 - 87
CERS ID: **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 2 - 91

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
2 - 91	1/20/2000	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
12000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Premium Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection

Audible/Visual Alarms	Yes
Ball Float	Fill Tube Shut-Off Valve Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes — Spill Bucket
None	None	Fiberglass	Yes — Striker Plate/Bottom Protector
			Yes — Containment Sump

Under Dispenser Containment (UDC)

Construction Type
Single-walled

Construction Material
Fiberglass

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91

CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91
CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment
Dry

Panel Manufacturer
Veeder-Root

Panel Model #
TLS-350R

Leak Sensor Manufacturer
Veeder-Root

Leak Sensor Model #
794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test

MLLD Manufacturer

MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test

ELLD Manufacturer

ELLD Programmed In-Line Testing

ELLD Triggers Automatic Pump Shutdown

ELLD Model

ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing

Visual Pipeline Monitoring

Pipeline Integrity Testing Frequency

Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring
Continuous

UDC Panel Manufacturer
Veeder Root

UDC Panel Model #
TLS-350R

UDC Leak Sensor Manufacturer
Veeder Root

UDC Leak Sensor Model
794380-208

Detection of Leak into UDC Triggers Audible and Visual Alarms
Yes

UDC Leak Alarm Triggers Automatic Pump Shutdown
Yes

Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
Yes

UDC Monitoring Stops Flow of Product at Dispenser

UDC Construction
Single-walled

UDC Secondary Containment Monitoring

Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91

CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
Yes	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 3 - WO

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
3 - WO	1/20/2000	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
500		

Tank Use and Contents

Tank Use
Hazardous Waste (includes used oil)

Tank Contents
Used Oil

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Steel

Secondary Containment
Fiberglass

Overfill Protection

	Audible/Visual Alarms		Fill Tube Shut-Off Valve
	Ball Float	Yes	Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Single-walled	Steel	Fiberglass	None
Piping System Type			
Gravity			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	None	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes Spill Bucket
None	None	Fiberglass	Yes Striker Plate/Bottom Protector
			Yes Containment Sump

Under Dispenser Containment (UDC)

Construction Type
No Dispensers

Construction Material

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 3 - WO

CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Hazardous Waste (includes used oil) - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single -walled

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-420

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 3 - WO
CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Hazardous Waste (includes used oil) - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single -walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Leak Sensor Manufacturer: Veeder-Root
Leak Sensor Model #: 794380-208

Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test
MLLD Manufacturer
MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test
ELLD Manufacturer
ELLD Programmed In-Line Testing
ELLD Triggers Automatic Pump Shutdown
ELLD Model
ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing
Visual Pipeline Monitoring
Pipeline Integrity Testing Frequency
Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

Yes No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring: No Dispensers
UDC Panel Manufacturer
UDC Panel Model #
UDC Leak Sensor Manufacturer
UDC Leak Sensor Model

Detection of Leak into UDC Triggers Audible and Visual Alarms
UDC Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
UDC Monitoring Stops Flow of Product at Dispenser
UDC Construction
UDC Secondary Containment Monitoring
Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 3 - WO
CERS ID: **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Hazardous Waste (includes used oil) - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single -walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

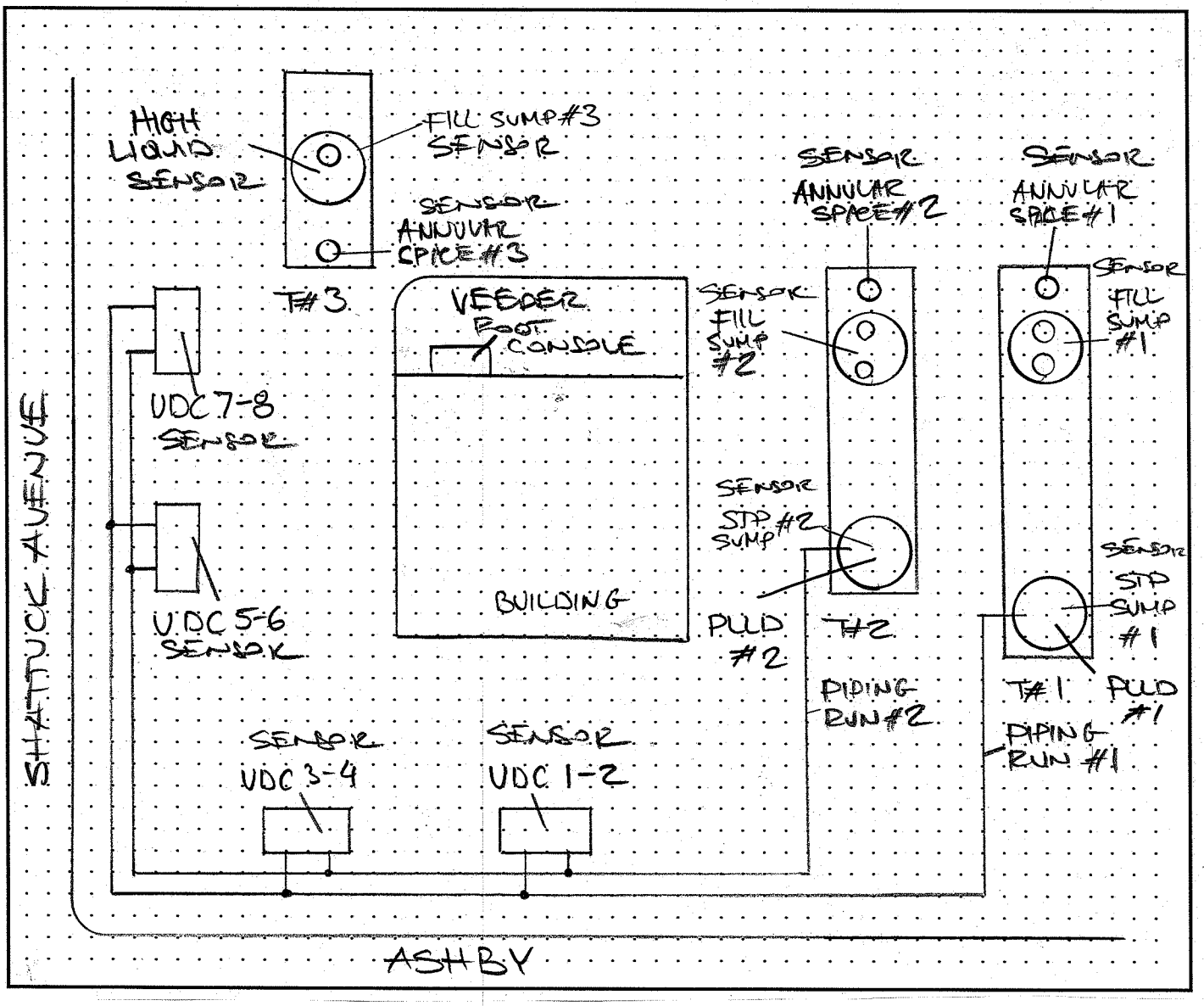
Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

UST Monitoring Site Plan

Site Address: **3000 Shuttock Ave, Berkeley, CA 94702**



Date map was drawn: **09/20/2011**.

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

State of California
State Water Resources Control Board
Division of Financial Assistance
P.O. Box 944212
Sacramento, CA 94244-2120

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in CCR, Title 23 Division 3, Chapter 18, Section 2807:

☐ 500,000 dollars per occurrence or ☒ 1 million dollars per occurrence **AND** ☒ 1 million dollars annual aggregate or ☐ 2 million dollars annual aggregate

B. **Berkeley Gas & Smog** (Name of tank Owner or Operator) hereby certifies that it is in compliance with the requirements of California Code of Regulations, Title 23, Division 3, Chapter 18, Article 3, Section 2807.

The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Compensation
State UST Fund	**State UST Cleanup Fund P.O. Box 944212 Sacramento, CA 94244**	**UST Cleanup Fund**	**$995,000.00**	**Continuous**	**Yes**	**Yes**
Chief Financial Officer Letter	**Berkeley Gas & Smog 3000 Shattuck Ave Berkeley, CA 94702**	**N/A**	**$5,000.00**	**Annual**	**Yes**	**Yes**

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance and shall remain in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
Berkeley Gas & Smog	**3000 Shattuck Ave., Berkeley CA 94702**
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address

E. Signature of Tank Owner or Operator	Date	Name and Title of Tank Owner or Operator
[signature]	12/1/15	BASKARAN SUBBIAH
Signature of Witness or Notary	Date	Name of Witness or Notary
[signature]	12/1/15	NIK ZAGOROV

Submit original to local UST regulatory agency. Keep a copy at each UST facility.

(Instructions on Next Page)

UNDERGROUND STORAGE TANK
RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☒ 1. NEW PLAN ☒ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1.

BUSINESS NAME (Same as FACILITY NAME) 3.

Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.	BUSINESS SITE CITY 104.
3000 Shattuck Avenue	**Berkeley**

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan (HMBP).

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material which has become too saturated to be effective or which is no longer intended for use will be managed as hazardous waste unless a waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container. Waste material shall be disposed of appropriately.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste unless a hazardous waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: *(Complete only if applicable)*

EQUIPMENT	LOCATION	AVAILABILITY
Spill Kit R10.	**Service Bay** R20.	**At all times** R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
Baskaran Subbiah R40.	**Operator** R50.
R41.	R51.
R42.	R52.
R43.	R53.

V. MONITORING INDICATORS

IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE, STEPS TO VERIFY THE RELEASE WILL BE MADE AS FOLLOWS:

☒ 1. ADDITIONAL SYSTEM TESTING OR DATA COLLECTION ☒ 2. INSPECTION BY QUALIFIED PERSONS ☒ 3. RECALIBRATION OF EQUIPMENT R60.

☐ 99. OTHER (Specify): R61.

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the California Emergency Management Agency at (800) 852-7550.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

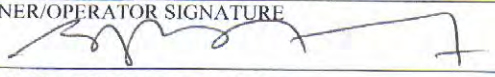
We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70.
	11/29/2015
OWNER/OPERATOR NAME (print) R71.	OWNER/OPERATOR TITLE R72.
BASKARAN SUBBIAH	Owner

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

LETTER FROM CHIEF FINANCIAL OFFICER

I am the Chief Financial Officer for **Berkeley Gas & Smog, 3000 Shattuck Ave, Berkeley**

This letter is in support of the use of the **Underground Storage Tank Cleanup Fund** to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by an unauthorized release of petroleum in the amount of at least **$5,000.00** per occurrence and **$5,000.00** annual aggregate coverage.

Underground storage tanks at the following facilities are assured by this letter:

3000 Shattuck Ave, Berkeley CA 94702

1.	Amount of annual aggregate coverage being assured by this letter	**$5,000.00**
2.	Total tangible assets	**$1,100,000.00**
3.	Total liabilities	**$600,000.00**
4.	Tangible net worth (subtract line 3 from line 2. Line 4 must be at least 10 times line 1)	**$500,000.00**

I hereby certify that the wording of this letter is identical to the wording specified in section 2808.1, subdivision (c)(1), Chapter 18, Division 3, Title 23 of the California Code of Regulations.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief. Executed at **Berkeley** on **December 01, 2015**

(Signature)

BASKAR SUBBIAH

(Printed Name)

CFO/owner

(Title)

UNDERGROUND STORAGE TANK SYSTEM
OWNER STATEMENTS OF DESIGNATED UST OPERATOR AND UNDERSTANDING OF AND COMPLIANCE WITH UST REQUIREMENTS

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: Title 23, Div. 3, Ch. 16 California Code of Regulations (CCR)

FACILITY NAME	FACILITY PHONE
Berkeley Gas & Smog	(510) 469-7634
FACILITY SITE ADDRESS	CITY
3000 Shattuck Avenue	Berkeley

REASON FOR SUBMITTING THIS FORM *(Check One)*: ☐ Change of Designated Operator ☒ Update of ICC Certification Expiration Date(s)

PRIMARY DESIGNATED UST OPERATOR FOR THIS FACILITY

DESIGNATED OPERATOR NAME: Nikola Zagorov	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 5264361 - UC	EXPIRATION DATE: 5/21/2017

ALTERNATE 1 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME: Anthony Steven Abano	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 8115508 - UC	EXPIRATION DATE: 4/29/2017

ALTERNATE 2 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

ALTERNATE 3 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training in accordance with California Code of Regulations, Title 23, Section 2715(c) through (f). Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

~~TANK OWNER~~ Operator NAME: Baskaran Subbiah

~~TANK OWNER~~ Operator TITLE: Operator OWNER PHONE: (510) 469-7634

TANK OWNER SIGNATURE: [signature] DATE: 12/1/2015

INSTRUCTIONS

1. Report the name(s) of the Designated UST Operator(s) as registered with the International Code Council (ICC). ICC certification information is available on-line at: **www.iccsafe.org/e/certsearch.html**. Search for "California UST System Operators."
2. Submit this completed form to the local agency that regulates this facility's USTs. Unidocs member agency jurisdictions and contact information are listed on-line at: **www.unidocs.org/members/whoregulateswhat.html**. Contact information for other local agencies within California is available at: **www.swrcb.ca.gov/cwphome/ust/contacts/docs/local_agency_list.xls**.
3. 23 CCR §2715(a) requires that you notify the local agency of any changes to this information within 30 days of the date of change.

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Berkeley Gas & Smog	Facility ID #:
Facility Address: 3000 Shattuck Ave Berkeley CA	Reason for Submitting this Form *(Check One)* ☑ **Change of Designated Operator** ☐ Update Certificate Expiration Date
Facility Phone #: 510-529-4820	

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: **Bill McCarthy**	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: **U.S.T Compliance Testing Inc.**	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: **925-570-5491**	☐X **Service Technician** ☐ Third-Party
International Code Council Certification # **1062359-UC**	Expiration Date: **1-27-2017**

ALTERNATE 1 *(Optional)*

Designated Operator's Name: **Tony Fontana**	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: **U.S.T. Compliance Testing Inc.**	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: **209- 595-4489**	☐X **Service Technician** ☐ Third-Party
International Code Council Certification #: **1064273-UC**	Expiration Date: **5-29-2016**

ALTERNATE 2 *(Optional)*

Designated Operator's Name:	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #:	☐ Service Technician ☐ Third-Party
International Code Council Certification #:	Expiration Date:

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (Please Print): Baskaran Subbiah

SIGNATURE OF TANK OWNER: [signature]

DATE: 2/7/2016 **OWNER'S PHONE #:** 510-469-7634

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/contacts/cupa_agys.html.

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

LETTER FROM CHIEF FINANCIAL OFFICER

I am the Chief Financial Officer for Berkeley Gas & Smog, 3000 Shattuck Ave, Berkeley

This letter is in support of the use of the Underground Storage Tank Cleanup Fund to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by an unauthorized release of petroleum in the amount of at least $5,000.00 per occurrence and $5,000.00 annual aggregate coverage.

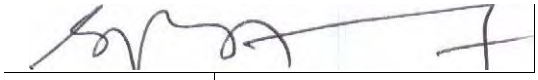
Underground storage tanks at the following facilities are assured by this letter:

3000 Shattuck Ave, Berkeley CA 94702

1.	Amount of annual aggregate coverage being assured by this letter	$5,000.00
2.	Total tangible assets	**$1,100,000.00**
3.	Total liabilities	$600,000.00
4.	Tangible net worth (subtract line 3 from line 2. Line 4 must be at least 10 times line 1)	$500,000.00

I hereby certify that the wording of this letter is identical to the wording specified in section 2808.1 , subdivision (c)(l), Chapter 1 8, Division 3, Title 23 of the California Code of Regulations.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief. Executed at Berkeley on January 11, 2017



(Signature)

BASKAR SUBBIAH

(Printed Name)

CFO/owner

(l'itle)

Berkeley Gas & Smog (CERSID: 10195858)

Facility Information **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:18:44 AM by Karl Busche

- Business Activities
- Business Owner/Operator Identification

Guidance Messages

- **Warning:**
  1. Business Activities - The federal EPA ID Number for CERSID: 10195858 has changed from: '00000000' to 'CAL000424917'.

Hazardous Materials Inventory **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:18:54 AM by Karl Busche

- Hazardous Material Inventory (6)
- Site Map (Official Use Only)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 270KB)

Emergency Response and Training Plans **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:19:04 AM by Karl Busche

- Emergency Response/Contingency Plan
  - *Emergency Response/Contingency Plan* (Adobe PDF, 2126KB)
  - *Emergency Response/Contingency Plan* (Adobe PDF, 1512KB)
- Employee Training Plan
  - *Employee Training Plan* (Adobe PDF, 25KB)

Underground Storage Tanks **Accepted Apr 27, 2017**

Submitted on 4/27/2017 10:33:20 AM by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted*** on 4/27/2017 11:19:14 AM by Karl Busche

- UST Facility Operating Permit Application
- UST Tank Information/Monitoring Plan - Tank ID #1 - 87
- UST Tank Information/Monitoring Plan - Tank ID #2 - 91
- UST Tank Information/Monitoring Plan - Tank ID #3 - WO
- UST Monitoring Site Plan
  - *UST Monitoring Site Plan* (Adobe PDF, 123KB)
- UST Certification of Financial Responsibility
  - *UST Certification of Financial Responsibility* (Adobe PDF, 165KB)
- UST Response Plan
  - *UST Response Plan* (Adobe PDF, 1246KB)
- UST Owner/Operator: Written Agreement
  - Stored At Facility *Berkeley Gas & Smog* CERSID (10195858)
- UST Letter from Chief Financial Officer
  - *UST Letter from the Chief Financial Officer* (Adobe PDF, 297KB)
- Owner Statement of Designated UST Operator Compliance
  - *Owner Statement of Designated UST Operator Compliance* (Adobe PDF, 624KB)
  - *Owner Statement of Designated UST Operator Compliance* (Adobe PDF, 501KB)
  - *Owner Statement of Designated UST Operator Compliance* (MS Word, 47KB)

California Environmental Reporting System (CERS) — Business Activities

Site Identification

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705
County
Alameda

CERS ID
10195858
EPA ID Number
CAL000424917

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	**Yes**

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	**Yes**

Hazardous Waste

Is your facility a Hazardous Waste Generator?	**Yes**
Does your facility treat hazardous waste on-site?	**No**
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	**No**
Does your facility consolidate hazardous waste generated at a remote site?	**No**
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	**No**
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	**No**
Is your facility a Household Hazardous Waste (HHW) Collection site?	**No**

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	**No**
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	**No**
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	**No**

Additional Information

No additional comments provided.

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Identification

Baskaran Subbiah

Operator Phone	Business Phone	Business Fax
(510) 469-7634	(510) 529-4820	

Beginning Date	Ending Date	
Dun & Bradstreet	SIC Code	Primary NAICS

Facility/Site Mailing Address

3000 Shattuck Ave
Berkeley, CA 94705

Primary Emergency Contact

Baskar Subbiah
Title
Operator

Business Phone	24-Hour Phone	Pager Number
(510) 469-7634	(510) 469-7634	

Owner

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Avenue
Berkeley, CA 94705

Secondary Emergency Contact

Nirmal Phunyal
Title
Manager

Business Phone	24-Hour Phone	Pager Number
(510) 982-9286	(510) 982-9286	

Billing Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Ave
Berkeley, CA 94705

Environmental Contact

Baskar Subbiah
(510) 469-7634 baskargi@gmail.com
3000 Shattuck Avenue
Berkeley, CA 94705

Name of Signer	Signer Title	Document Preparer
Baskaran Subbiah	Operator	Baskaran Subbiah

Additional Information

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Xin Jin
Phone
(510) 692-2994
Mailing Address
3000 Shattuck Avenue
Berkeley, CA

Assessor Parcel Number (APN)

Number of Employees
2

Facility ID

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog** | Chemical Location | CERS ID **10195858**

Facility Name **Berkeley Gas & Smog** | Facility ID

3000 SHATTUCK AVE, BERKELEY 94705 | Status **Submitted** on 4/27/2017 10:33 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Motor Oil** CAS No	**Gallons** State: Liquid Type: Mixture	**20** Storage Container: Plastic Bottle or Jug	**500**	20 Pressue Temperature	2 Waste Code: 221	- Fire	VARIOUS LUBRICATING BASE OILS ADDITIVE PACKAGE, INCLUDING ZINC ALKYLDITHIOPHOSPHATE	85 % 15 % 2 %		6474X-XX-X MIXTURE 68649-42-3
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Used Motor Oil** CAS No	**Gallons** State: Liquid Type: Waste	**500** Storage Container: Belowground Tank		0 Pressue Temperature	2 Waste Code: 221	- Fire	VARIOUS LUBRICATING BASE OILS ADDITIVE PACKAGE, INCLUDING ZINC ALKYLDITHIOPHOSPHATE	85 % 15 % 2 %		6474X-XX-X MIXTURE 68649-42-3
DOT: 2.2 - Nonflammable Gases	**Nitrogen** CAS No: 7727-37-9	**Cu. Feet** State: Gas Type: Pure	**3** Storage Container: Can		3 Pressue Temperature	Waste Code	- Pressure Release				
DOT: 2.1 - Flammable Gases Flammable Gas	**Liquefied Petroleum Gas (lpg)** CAS No: 74-98-6	**Cu. Feet** State: Gas Type: Pure	**250** Storage Container: Can Days on Site: 365		100 Pressue Temperature	0 Waste Code	- Fire - Pressure Release				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **underground**

CERS ID **10195858**
Facility ID
Status **Submitted** on 4/27/2017 10:33 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Reg Unleaded Gasoline 87 Octane** CAS No 86290-81-5	**Gallons** State Liquid Type Mixture	**5000** Storage Container Belowground Tank Days on Site: 365	**19703**	3200 Pressue Ambient Temperature Ambient	0 Waste Code	- Fire - Chronic health	1-5 Benzene 0-15 Etanol 8-15 Aylene 7-14 Toalene			71-43-2 1330-20-7 108-88-3

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Berkeley Gas & Smog**
Facility Name **Berkeley Gas & Smog**
3000 SHATTUCK AVE, BERKELEY 94705

Chemical Location **Underground**

CERS ID **10195858**
Facility ID
Status **Submitted** on 4/27/2017 10:33 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	**Super Gasoline(91 Octane)** CAS No 86290-81-5	**Gallons** State Liquid Type Mixture	**850** Storage Container Belowground Tank Days on Site: 365	**11845**	500 Pressue Ambient Temperature Ambient	Waste Code	- Fire - Chronic health	Gasoline Benzene Ethyl Benzene Naphalene Ethanol	100 % 5 % 3 % 2 % 10 %		

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # — — 1.

CERS ID A1.: 10195858

DATE OF PLAN PREPARATION/REVISION A2.: 12/1/2015

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.: Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.: 3000 Shattuck Avenue

BUSINESS SITE CITY 104.: Berkeley

CA

ZIP CODE 105.: 94702

TYPE OF BUSINESS (e.g., Painting Contractor) A3.: Gasoline Service Station

INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.:

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP		9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)		(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)		(800) 424-8802
POISON CONTROL CENTER		(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)		(510) 981-7466 C3.
OTHER (Specify):	C4.	( ) C5.
NEAREST MEDICAL FACILITY / HOSPITAL NAME:	HIGLAND MEDICAL CENTER CAMPUS C6.	(510) 437-4800 C7.
AGENCY NOTIFICATION PHONE NUMBERS: CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)		(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD		(510) 622-2300 C8.
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)		(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)		(916) 358-2900
U.S. COAST GUARD		(202) 267-2180
CAL/OSHA		(916) 263-2800
STATE FIRE MARSHAL		(916) 445-8200
OTHER (Specify):	C9.	( ) C10.
OTHER (Specify):	C11.	( ) C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and, preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☐ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE:
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☒ 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Shattuck Ave. & Ashby Ave. Corner

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE	G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.		G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4.	Store	G5. Rubber Gloves
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.		G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	Store	G9. Goggles
	5. ☐ HARD HATS	G10.		G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.		G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.		G15.
	8. ☒ FIRST AID KITS / STATIONS	G16.	Store	G17. Standard First Air Kit
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.		G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.		G21.
	11. ☐ OTHER	G22.		G23.
	12. ☐ OTHER	G24.		G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26.	Store	G27. Portable ABC Capability - 2A-20BC
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.		G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.		G31.
	16. ☐ OTHER	G32.		G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.		G35.
	18. ☒ ABSORBENT MATERIAL	G36.	Store Room	G37. Kitty Litter
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.		G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.		G41.
	21. ☐ BROOM	G42.		G43.
	22. ☐ SHOVEL	G44.		G45.
	23. ☐ SHOP VAC	G46.		G47.
	24. ☐ EXHAUST HOOD	G48.		G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.		G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.		G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.		G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.		G57.
	29. ☐ OTHER	G58.		G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	Store	G61. Telephone
	31. ☐ INTERCOM / PA SYSTEM	G62.		G63.
	32. ☐ PORTABLE RADIOS	G64.		G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	Store Room	G67. VEEDER ROOT
Other	34. ☐ OTHER	G68.		G69.
	35. ☐ OTHER	G70.		G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)		LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H1.	UST Area; Dispensers	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)		LOCATIONS	
☐ 1. SHELVES, CABINETS AND RACKS	H6.		H7
☒ 2. TANKS (EMERGENCY SHUTOFF)		UST Area	H8.
☐ 3. PORTABLE GAS CYLINDERS			H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☒ 5. OTHER (Specify): DO Training I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR		DATE SIGNED	
		12/01/2015	K1.
NAME OF SIGNER (print)	K2.	TITLE OF SIGNER	K3.
Baskaran Subbiah		Operator	

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # — A1. CERS ID: 10195858 — A2. DATE OF PLAN PREPARATION/REVISION: 4/3/2017

A3. BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)*: Berkeley Gas & Smog

A3a. BUSINESS SITE ADDRESS: 3000 Shattuck Avenue

A4. BUSINESS SITE CITY: Berkeley | CA | A5. ZIP CODE: 94702

A6. TYPE OF BUSINESS (e.g., Painting Contractor): Gasoline Service Station

A7. INCIDENTAL OPERATIONS (e.g., Fleet Maintenance):

A8. THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply)

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

B1. INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply)

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

C1. INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply)

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

C2. NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply)

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)	(510) 981-7466
OTHER (Specify): C4	( ) C5

C6. NEAREST MEDICAL FACILITY / HOSPITAL NAME: HIGLAND MEDICAL CENTER CAMPUS — (510) 437-4800 C7

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD	(510) 622-2300 C8
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9	( ) C10
OTHER (Specify): C11	( ) C12

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and, preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☐ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE:
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☒ 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Shattuck Ave. & Ashby Ave. Corner

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.	G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	Store G4.	Rubber Gloves G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	Store G8.	Goggles G9.
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☒ FIRST AID KITS / STATIONS	Store G16.	Standard First Air Kit G17.
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.	G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	Store G26.	Portable ABC Capability - 2A-20BC G27.
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☒ ABSORBENT MATERIAL	Store Room G36.	Kitty Litter G37.
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☐ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	Store G60.	Telephone G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	Store Room G66.	VEEDER ROOT G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)	H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA		UST Area; Dispensers	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)	H6.	LOCATIONS	
☐ 1. SHELVES, CABINETS AND RACKS			H7.
☒ 2. TANKS (EMERGENCY SHUTOFF)		UST Area	H8.
☐ 3. PORTABLE GAS CYLINDERS			H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☒ 5. OTHER (Specify): DO Training I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR		DATE SIGNED	K1.
		4/3/2017	
NAME OF SIGNER (print)	K2.	TITLE OF SIGNER	K3.
Baskaran Subbiah		Operator	

Employee Training Plan *[HSC, Section 25504(c); 22 CCR §66262.34(a)(4)]*

All facilities that handle hazardous materials in HMBP quantities must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. Personnel are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☐	Location(s) and contents of Emergency Response/Contingency Plan
☐	Facility evacuation drills, that are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

2. Chemical Handlers are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e., inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g., container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. Emergency Response Team Members are capable of and engaged in the following:

Complete this section only if you have an in-house emergency response team

☐	Personnel rescue procedures
☒	Shutdown of operations
☐	Liaison with responding agencies
☐	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☐	Emergency response drills, which are conducted at least *(specify)*: *(e.g., "Quarterly", etc.)*

C. Record Keeping

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your record keeping procedures is a required module of the Unidocs Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials record keeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e., written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☒	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

Note: The following section applies where local agencies require facility owners/operators to perform and document routine facility self-inspections:

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *[Exception: Unidocs provides a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the Unidocs form (available at* **www.unidocs.org***), you do not need to attach a copy.]*

Check the appropriate box:

☒	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used must be uploaded to CERS with the HMBP.)***

California Environmental Reporting System (CERS) — Underground Storage Tank - Facility Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Facility Type
Motor Vehicle Fueling

Board of Equalization Account Number
44050911

Is the facility located on Indian Reservation/Trust lands?
No

Tank Operator

Baskaran Subbiah
(510) 469-7634
3000 Shattuck Ave
Berkeley, Ca 94705

Property Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner

3000 Shattuck Avenue LLC
(510) 692-2994
1958A University Avenue
Berkeley, CA 94704

Tank Owner Type
Non-Government

Permit Holder Information

Permit Holder Notification Information
Facility Operator

Supervisor of Division, Section, or Office (Required for Public Agencies Only)

Financial Responsibility Mechanism(s)

Indicate which approved mechanism(s) are being used to show financial responsibility either as contained in the federal regulations (40 CFR, Part 280, Subpart H, Sections 280.93 through 280.107) or CCR, Title 23, Division 3, Chapter 18, Section 2808.1.

Self-Insured	Surety Bond	State Fund and CFO Letter **Yes**	Other Mechanism
Guarantee	Letter of Credit	State Fund and CD	
Insurance	Exemption	Local Government Mechanism	

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 1 - 87

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
1 - 87	1/20/2000	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
20000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Regular Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection

Audible/Visual Alarms	
Ball Float	
Yes	Fill Tube Shut-Off Valve
	Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes — Spill Bucket
None	None	Fiberglass	Yes — Striker Plate/Bottom Protector
			Yes — Containment Sump

Under Dispenser Containment (UDC)

Construction Type	Construction Material
Single-walled	Fiberglass

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 1 - 87
CERS ID: **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 1 - 87
CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Leak Sensor Manufacturer: Veeder-Root
Leak Sensor Model #: 794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Yes Mechanical Line Leak Detector Performs 3 GPH Leak Test
MLLD Manufacturer: Vaporless Mfg.
MLLD Model: 99LD2000

Electronic Line Leak Detector Performs 3 GPH Leak Test
ELLD Manufacturer
ELLD Programmed In-Line Testing
ELLD Triggers Automatic Pump Shutdown
ELLD Model
ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing
Visual Pipeline Monitoring
Pipeline Integrity Testing Frequency
Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring: Continuous
UDC Panel Manufacturer: Veeder Root
UDC Panel Model #: TLS-350R
UDC Leak Sensor Manufacturer: Veeder Root
UDC Leak Sensor Model: 794380-208

Detection of Leak into UDC Triggers Audible and Visual Alarms: Yes
UDC Leak Alarm Triggers Automatic Pump Shutdown: Yes
Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown: Yes
UDC Monitoring Stops Flow of Product at Dispenser
UDC Construction: Single-walled
UDC Secondary Containment Monitoring
Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 1 - 87
CERS ID: **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Regular Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 2 - 91

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
2 - 91	1/20/2000	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
12000		

Tank Use and Contents

Tank Use
Motor Vehicle Fueling

Tank Contents
Premium Unleaded

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Fiberglass

Secondary Containment
Fiberglass

Overfill Protection

Audible/Visual Alarms	Yes
Ball Float	Fill Tube Shut-Off Valve Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Double-walled	Fiberglass	Fiberglass	Single-walled
Piping System Type			
Pressure			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	Fiberglass	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes — Spill Bucket
None	None	Fiberglass	Yes — Striker Plate/Bottom Protector
			Yes — Containment Sump

Under Dispenser Containment (UDC)

Construction Type
Single-walled

Construction Material
Fiberglass

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91

CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-407

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91
CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment
Dry

Panel Manufacturer
Veeder-Root

Panel Model #
TLS-350R

Leak Sensor Manufacturer
Veeder-Root

Leak Sensor Model #
794380-208

Yes Leak Alarm Triggers Automatic Pump Shutdown
Yes Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test

MLLD Manufacturer

MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test

ELLD Manufacturer

ELLD Programmed In-Line Testing

ELLD Triggers Automatic Pump Shutdown

ELLD Model

ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing

Visual Pipeline Monitoring

Pipeline Integrity Testing Frequency

Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring
Continuous

UDC Panel Manufacturer
Veeder Root

UDC Panel Model #
TLS-350R

UDC Leak Sensor Manufacturer
Veeder Root

UDC Leak Sensor Model
794380-208

Detection of Leak into UDC Triggers Audible and Visual Alarms
Yes

UDC Leak Alarm Triggers Automatic Pump Shutdown
Yes

Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
Yes

UDC Monitoring Stops Flow of Product at Dispenser

UDC Construction
Single-walled

UDC Secondary Containment Monitoring

Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 2 - 91

CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Motor Vehicle Fueling - Tank Contents: Premium Unleaded - Type Of Tank: Double Wall - Piping Construction: Double-walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
Yes	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes Designated Operator Training

Comments / Additional Information

Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

California Environmental Reporting System (CERS) — Underground Storage Tank - Tank Information

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

CERS ID
10195858
Tank ID#: 3 - WO

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Type of Action

Type of Action (UST Tank)
Confirmed/Updated Information

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Tank Description

Tank ID#	Date UST System Installed	Tank Configuration
3 - WO	1/20/2000	A Stand-alone Tank
Tank Manufacturer	**Date Existing UST Discovered**	**Number of Compartments in the Unit**
Unknown		1
Tank Capacity In Gallons	**Date UST Permanently Closed**	**Additional Description**
500		

Tank Use and Contents

Tank Use
Hazardous Waste (includes used oil)

Tank Contents
Used Oil

Other Petroleum Contents

Other Non-Petroleum Contents

Tank Construction

Type of Tank
Double Wall

Primary Containment
Steel

Secondary Containment
Fiberglass

Overfill Protection

	Audible/Visual Alarms		Fill Tube Shut-Off Valve
	Ball Float	Yes	Exempt

Product / Waste Piping Construction

Piping Construction	Primary Containment	Secondary Containment	Piping/Turbine Containment Sump
Single-walled	Steel	Fiberglass	None
Piping System Type			
Gravity			

Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction

Primary Containment	Vapor Recovery Primary Containment	Riser Pipe Primary Containment	Vent Piping Transition Sumps
Fiberglass	None	Steel	None
			Fill Components Installed
Secondary Containment	**Vapor Recovery Secondary Containment**	**Riser Pipe Secondary Containment**	Yes Spill Bucket
None	None	Fiberglass	Yes Striker Plate/Bottom Protector
			Yes Containment Sump

Under Dispenser Containment (UDC)

Construction Type
No Dispensers

Construction Material

Corrosion Protection

	Sacrificial Anode
	Impressed Current
Yes	Isolation

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 3 - WO

CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Hazardous Waste (includes used oil) - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single -walled

Submittal Status

Submitted on 4/27/2017 by *Baskaran Subbiah* of Berkeley Gas & Smog (Berkeley, CA)
Submittal was ***Accepted***; Processed on 4/27/2017 by *Karl Busche* for Berkeley City Toxics Management Division

Facility Information

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

Equipment Testing and Preventive Maintenance

Monitoring Equipment Serviced
Annually

Monitoring Locations

Site Plot Plan Submitted
New Plan Submitted

Tank Monitoring is Performed Using the Following Method(s)

Yes Continuous Electronic Tank Monitoring

Secondary Containment System
Dry

Monitor Panel Manufacturer
Veeder Root

Monitor Panel Model
TLS-350R

Leak Sensor Manufacturer
Veeder Root

Leak Sensor Model #
794380-420

Automatic Tank Gauging

ATG Panel Manufacturer

In-Tank Probe Manufacturer

Leak Test Frequency

Programmed Tank Tests

ATG Model #

In-tank Probe Model

Monthly Statistical Inventory Reconciliation

Weekly Manual Tank Gauge

Tank Integrity Testing

Tank Gauging Test Period

Tank Integrity Testing Frequency

Other Monitoring

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank # 3 - WO
CERS ID **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Hazardous Waste (includes used oil) - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single -walled

Pipe Monitoring is Performed Using the Following Method(s)

Yes Continuous Monitoring of Piping Secondary Containment

Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Leak Sensor Manufacturer: Veeder-Root
Leak Sensor Model #: 794380-208

Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnect Triggers Pump Shutdown

Mechanical Line Leak Detector Performs 3 GPH Leak Test
MLLD Manufacturer
MLLD Model

Electronic Line Leak Detector Performs 3 GPH Leak Test
ELLD Manufacturer
ELLD Programmed In-Line Testing
ELLD Triggers Automatic Pump Shutdown
ELLD Model
ELLD Failure/Disconnect Triggers Automatic Shutdown

Pipeline Integrity Testing
Visual Pipeline Monitoring
Pipeline Integrity Testing Frequency
Visual Pipeline Monitoring Frequency

Suction Piping Meets Exemption Criteria

Yes No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System

Other Pipeline Monitoring

Under Dispenser Containment (UDC) Monitoring

UDC Monitoring: No Dispensers
UDC Panel Manufacturer
UDC Panel Model #
UDC Leak Sensor Manufacturer
UDC Leak Sensor Model

Detection of Leak into UDC Triggers Audible and Visual Alarms
UDC Leak Alarm Triggers Automatic Pump Shutdown
Failure/Disconnection of UDC Monitoring System Triggers Automatic Pump Shutdown
UDC Monitoring Stops Flow of Product at Dispenser
UDC Construction
UDC Secondary Containment Monitoring
Leak Within Secondary Containment of UDC Causes Audible and Visual Alarms

Periodic System Testing

ELD Testing
Yes Secondary Containment Testing
Yes Spill Bucket Testing

California Environmental Reporting System (CERS) — Underground Storage Tank - Monitoring Plan

Facility/Site

Berkeley Gas & Smog
3000 SHATTUCK AVE
BERKELEY, CA 94705

UST Tank #: 3 - WO
CERS ID: **10195858**

Tank Info: Installed Date: 1/20/2000 12:00:00 AM - Tank Use: Hazardous Waste (includes used oil) - Tank Contents: Used Oil - Type Of Tank: Double Wall - Piping Construction: Single -walled

Recordkeeping

Yes	Alarm Logs
Yes	Visual Inspection Records
	Tank Integrity Testing Results
	SIR Testing Results
	Tank Gauging Results
	ATG Testing Results
	Corrosion Protection Logs
Yes	Equipment Maintenance and Calibration Records

Training

Yes	Personnel with UST Monitoring Responsibilities are Familiar with Training Documents

Specify Other Training Documents

Yes	Designated Operator Training

Comments / Additional Information

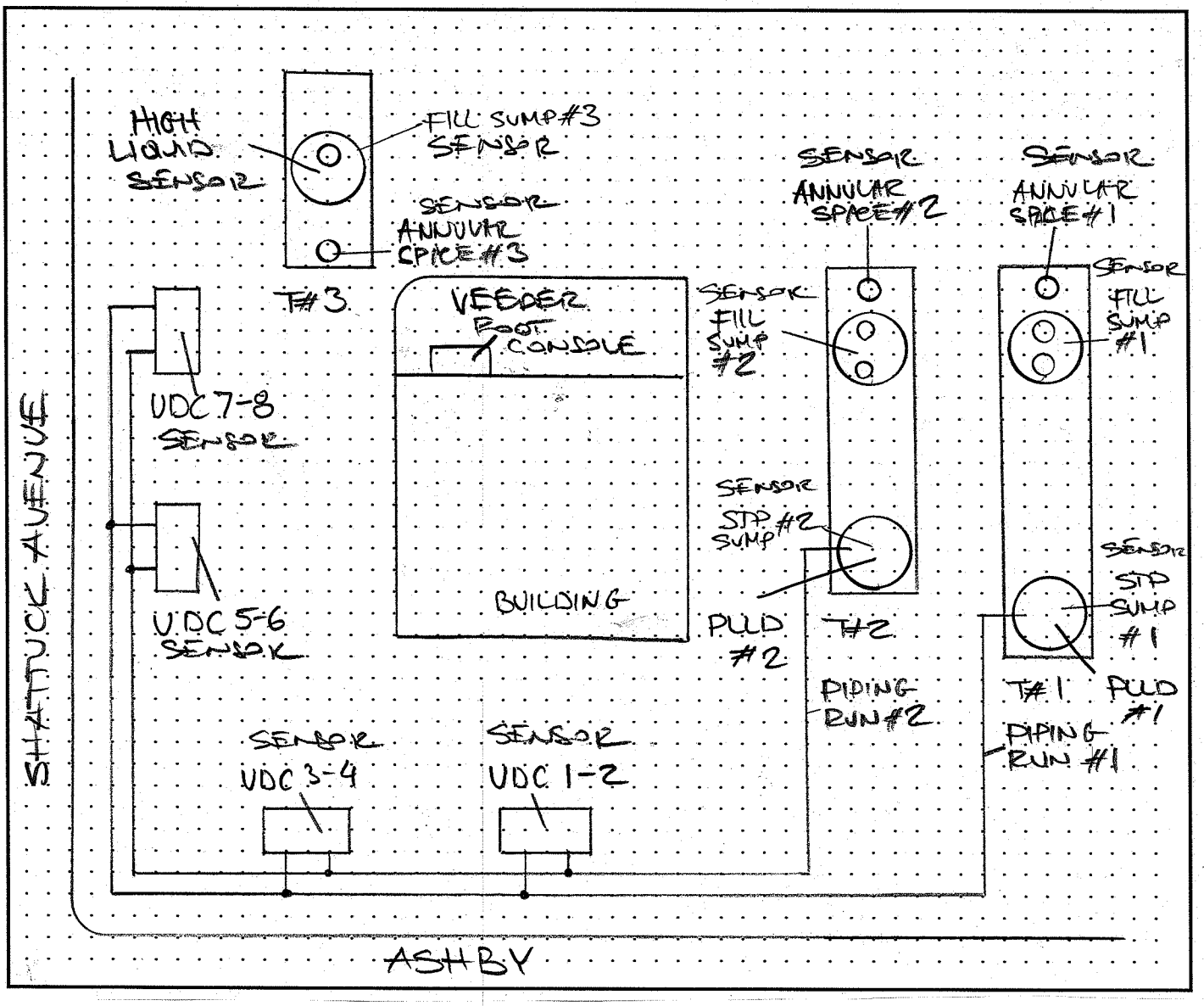
Comments and Additional Information

Personnel Responsibilities

Name of First Person Having Responsibility	Name of Second Person Having Responsibility
Baskar Subbiah	Nirmal Phunyal
Title of First Person Having Responsibility	**Title of Second Person Having Responsibility**
Operator	Manager

UST Monitoring Site Plan

Site Address: **3000 Shuttock Ave, Berkeley, CA 94702**



Date map was drawn: **09/20/2011**.

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

State of California
State Water Resources Control Board
Division of Financial Assistance
P.O. Box 944212
Sacramento, CA 94244-2120

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in CCR, Title 23 Division 3, Chapter 18, Section 2807:

☐ 500,000 dollars per occurrence or ☒ 1 million dollars per occurrence **AND** ☒ 1 million dollars annual aggregate or ☐ 2 million dollars annual aggregate

B. **Berkeley Gas & Smog** (Name of tank Owner or Operator) hereby certifies that it is in compliance with the requirements of California Code of Regulations, Title 23, Division 3, Chapter 18, Article 3, Section 2807.

The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Compensation
State UST Fund	**State UST Cleanup Fund P.O. Box 944212 Sacramento, CA 94244**	**UST Cleanup Fund**	**$995,000.00**	**Continuous**	**Yes**	**Yes**
Chief Financial Officer Letter	**Berkeley Gas & Smog 3000 Shattuck Ave Berkeley, CA 94702**	**N/A**	**$5,000.00**	**Annual**	**Yes**	**Yes**

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance and shall remain in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
Berkeley Gas & Smog	**3000 Shattuck Ave., Berkeley CA 94702**
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address

E. Signature of Tank Owner or Operator	Date	Name and Title of Tank Owner or Operator
[signature]	12/1/15	BASKARAN SUBBIAH
Signature of Witness or Notary	Date	Name of Witness or Notary
[signature]	12/1/15	NIK ZAGOROV

Submit original to local UST regulatory agency. Keep a copy at each UST facility.

(Instructions on Next Page)

UNDERGROUND STORAGE TANK
RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☒ 1. NEW PLAN ☒ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1.

BUSINESS NAME (Same as FACILITY NAME) 3.

Berkeley Gas & Smog

BUSINESS SITE ADDRESS 103.	BUSINESS SITE CITY 104.
3000 Shattuck Avenue	**Berkeley**

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan (HMBP).

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material which has become too saturated to be effective or which is no longer intended for use will be managed as hazardous waste unless a waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container. Waste material shall be disposed of appropriately.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste unless a hazardous waste determination in accordance with 22 CCR §66262.11 finds that it is non-hazardous. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: *(Complete only if applicable)*

EQUIPMENT	LOCATION	AVAILABILITY
Spill Kit R10.	**Service Bay** R20.	**At all times** R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
Baskaran Subbiah R40.	**Operator** R50.
R41.	R51.
R42.	R52.
R43.	R53.

V. MONITORING INDICATORS

IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE, STEPS TO VERIFY THE RELEASE WILL BE MADE AS FOLLOWS:

☒ 1. ADDITIONAL SYSTEM TESTING OR DATA COLLECTION ☒ 2. INSPECTION BY QUALIFIED PERSONS ☒ 3. RECALIBRATION OF EQUIPMENT R60.

☐ 99. OTHER (Specify): R61.

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the California Emergency Management Agency at (800) 852-7550.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

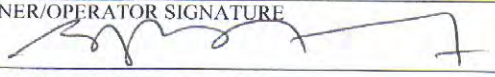
We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70.
	11/29/2015
OWNER/OPERATOR NAME (print) R71.	OWNER/OPERATOR TITLE R72.
BASKARAN SUBBIAH	Owner

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

LETTER FROM CHIEF FINANCIAL OFFICER

I am the Chief Financial Officer for **Berkeley Gas & Smog, 3000 Shattuck Ave, Berkeley**

This letter is in support of the use of the **Underground Storage Tank Cleanup Fund** to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by an unauthorized release of petroleum in the amount of at least **$5,000.00** per occurrence and **$5,000.00** annual aggregate coverage.

Underground storage tanks at the following facilities are assured by this letter:

3000 Shattuck Ave, Berkeley CA 94702

1.	Amount of annual aggregate coverage being assured by this letter	**$5,000.00**
2.	Total tangible assets	**$1,100,000.00**
3.	Total liabilities	**$600,000.00**
4.	Tangible net worth (subtract line 3 from line 2. Line 4 must be at least 10 times line 1)	**$500,000.00**

I hereby certify that the wording of this letter is identical to the wording specified in section 2808.1, subdivision (c)(1), Chapter 18, Division 3, Title 23 of the California Code of Regulations.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief. Executed at **Berkeley** on **December 01, 2015**

(Signature)

BASKAR SUBBIAH

(Printed Name)

CFO/owner

(Title)

UNDERGROUND STORAGE TANK SYSTEM
OWNER STATEMENTS OF DESIGNATED UST OPERATOR AND UNDERSTANDING OF AND COMPLIANCE WITH UST REQUIREMENTS

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: Title 23, Div. 3, Ch. 16 California Code of Regulations (CCR)

FACILITY NAME	FACILITY PHONE
Berkeley Gas & Smog	(510) 469-7634
FACILITY SITE ADDRESS	CITY
3000 Shattuck Avenue	Berkeley

REASON FOR SUBMITTING THIS FORM *(Check One)*: ☐ Change of Designated Operator ☒ Update of ICC Certification Expiration Date(s)

PRIMARY DESIGNATED UST OPERATOR FOR THIS FACILITY

DESIGNATED OPERATOR NAME: Nikola Zagorov	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 5264361 - UC	EXPIRATION DATE: 5/21/2017

ALTERNATE 1 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME: Anthony Steven Abano	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*: ECO-CHEK Compliance, Inc.	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☒ Third-Party
DESIGNATED OPERATOR PHONE: (888) 500-2435 ext. 2	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.: 8115508 - UC	EXPIRATION DATE: 4/29/2017

ALTERNATE 2 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

ALTERNATE 3 DESIGNATED UST OPERATOR FOR THIS FACILITY *(Optional)*

DESIGNATED OPERATOR NAME:	RELATION TO UST FACILITY *(Check One)*
BUSINESS NAME *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee ☐ Service Technician ☐ Third-Party
DESIGNATED OPERATOR PHONE: ( ) ext.	
INTERNATIONAL CODE COUNCIL CERTIFICATION NO.:	EXPIRATION DATE:

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training in accordance with California Code of Regulations, Title 23, Section 2715(c) through (f). Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

~~TANK OWNER~~ Operator NAME: Baskaran Subbiah

~~TANK OWNER~~ Operator TITLE: Operator OWNER PHONE: (510) 469-7634

TANK OWNER SIGNATURE: [signature] DATE: 12/1/2015

INSTRUCTIONS

1. Report the name(s) of the Designated UST Operator(s) as registered with the International Code Council (ICC). ICC certification information is available on-line at: **www.iccsafe.org/e/certsearch.html**. Search for "California UST System Operators."
2. Submit this completed form to the local agency that regulates this facility's USTs. Unidocs member agency jurisdictions and contact information are listed on-line at: **www.unidocs.org/members/whoregulateswhat.html**. Contact information for other local agencies within California is available at: **www.swrcb.ca.gov/cwphome/ust/contacts/docs/local_agency_list.xls**.
3. 23 CCR §2715(a) requires that you notify the local agency of any changes to this information within 30 days of the date of change.

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Berkeley Gas & Smog	Facility ID #:
Facility Address: 3000 Shattuck Ave Berkeley CA	Reason for Submitting this Form *(Check One)* ☑ **Change of Designated Operator** ☐ Update Certificate Expiration Date
Facility Phone #: 510-529-4820	

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: **Bill McCarthy**	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: **U.S.T Compliance Testing Inc.**	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: **925-570-5491**	☐X **Service Technician** ☐ Third-Party
International Code Council Certification # **1062359-UC**	Expiration Date: **1-27-2017**

ALTERNATE 1 *(Optional)*

Designated Operator's Name: **Tony Fontana**	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: **U.S.T. Compliance Testing Inc.**	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: **209- 595-4489**	☐X **Service Technician** ☐ Third-Party
International Code Council Certification #: **1064273-UC**	Expiration Date: **5-29-2016**

ALTERNATE 2 *(Optional)*

Designated Operator's Name:	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #:	☐ Service Technician ☐ Third-Party
International Code Council Certification #:	Expiration Date:

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (Please Print): Baskaran Subbiah

SIGNATURE OF TANK OWNER: [signature]

DATE: 2/7/2016 **OWNER'S PHONE #:** 510-469-7634

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/contacts/cupa_agys.html.

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

LETTER FROM CHIEF FINANCIAL OFFICER

I am the Chief Financial Officer for Berkeley Gas & Smog, 3000 Shattuck Ave, Berkeley

This letter is in support of the use of the Underground Storage Tank Cleanup Fund to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by an unauthorized release of petroleum in the amount of at least $5,000.00 per occurrence and $5,000.00 annual aggregate coverage.

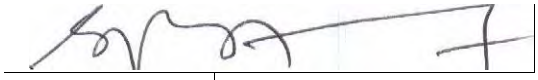
Underground storage tanks at the following facilities are assured by this letter:

3000 Shattuck Ave, Berkeley CA 94702

1.	Amount of annual aggregate coverage being assured by this letter	$5,000.00
2.	Total tangible assets	**$1,100,000.00**
3.	Total liabilities	$600,000.00
4.	Tangible net worth (subtract line 3 from line 2. Line 4 must be at least 10 times line 1)	$500,000.00

I hereby certify that the wording of this letter is identical to the wording specified in section 2808.1 , subdivision (c)(l), Chapter 1 8, Division 3, Title 23 of the California Code of Regulations.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge and belief. Executed at Berkeley on January 11, 2017



(Signature)

BASKAR SUBBIAH

(Printed Name)

CFO/owner

(l'itle)

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

FEE SUMMARY SHEET
For Permit Period FY14 (Base Reporting Period: 2013)

Business Name: US Smog + GAS [CID: 260]

Address: 3000 Shattuck Ave

Total Aggregate Quantities Stored or Handled at This Facility

The row heading "Hazardous Materials" requires a sum of all amounts reported on the Chemical Description pages, including data reported for hazardous wastes.

Quantities Summarized:

Chemicals:	CY2013	CY2013	CY2013	Last Reported	FY2014 Permit
	Liquids	***Solids***	***Gases***		
Total number of ***all*** chemicals:	5	1			6
Total no. of ***waste*** chemicals:	1	1			
	Gallons ***All liquids***	***Pounds*** ***All solids***	***Cu. Ft.*** ***All gases***		
Hazardous Materials: (***ALL*** Chemicals) - Sum of *all* Box 218s – Max. Daily Amt.	26,500	5.0	0	A 5	A-5
Hazardous Wastes: (***ONLY*** Wastes) – Sum of *all* Box 219s – Annual Waste Amt.	550				< 5
Underground Storage Tanks: No. of USTs: 3					
Universal Waste:	CESQUWG	HANDLER	DESTINATION	Date entered into HTE (and initials)	
Other Billing Categories:	Tiered	etiologic	radiologic		
inert gas fee / nano	CalARP	EPCRA	APSA		

Completed by: KARL Tuscher Date: 7.30.13

Accepted 7/17/13
need fee Calcs

Click on the forms button in the bar at the top of the page to view individual forms

From: US SMOG & GAS(3000 SHATTUCK AVE /FA0000012) Submitted: Wed Feb 27 2013, 12:36 PM
Print the form contents View a submission summary

Status: ACCEPTED Accept Decline Delete

Data Transformation Services

Data last migrated Wed Jul 17 2013, 6:35 PM Migrate Data

Review

Make sure to save your Review form by clicking on the Save Changes button before accepting or declining a submission.

Save Changes Cancel Changes

Cover Page Comments	
Facility ID	FA0000012
Facility Name	US SMOG & GAS
Site Address	3000 SHATTUCK AVE
City	BERKELEY
Program ID	PR0000014
Program Element	4200
Agency's Review Comments	
Reviewer's Name	Karl Busche
Reviewer Email	kbusche@cityofberkeley.info
Review Date	07/17/2013
Status	01

Form Deficiencies

- ☐ Owner Operator Form: Invalid/Missing Business Name/Address
- ☐ Owner Operator Form: Invalid/Missing Business Owner Name/Address
- ☐ Owner Operator Form: Invalid/Missing Environmental Contact
- ☐ Owner Operator Form: Invalid/Missing Emergency Contacts
- ☐ Chemical Description Form: Invalid/Missing Location - Map# and/or Grid#
- ☐ Chemical Description Form: Invalid/Missing Fire Code Hazard Classes
- ☐ Chemical Description Form: Invalid/Missing Physical state
- ☐ Chemical Description Form: Invalid/Missing Average daily amount and or Maximum daily amount
- ☐ Chemical Description Form: Invalid/Missing Units
- ☐ Emergency Plan Form: The plan does not adequately address Release Prevention, Immediate Notification and Evacuation, and Emergency Response Protocols and Cleanup Procedures
- ☐ None

Other Form Deficiencies

Map Deficiencies

- ☐ Map is illegible (or does not scan well)
- ☐ Map lacks orientation (North arrow)
- ☑ Map lacks facility name and address
- ☐ Streets on map are not labeled
- ☐ Map is significantly off scale
- ☐ Structures are not outlined

7/17/13 : Date Tech Review Completed
8/2/13 : Date Scanned
8/2/13 : Date Copied for BFD
8/2/13 : Date Data Entry Completed
_____ : Date Filed

(Initial each line)

Saved to Site File: _____
EC Updated: _____
Finance Updated: _____
Admin Initials: _____

FEE SUMMARY SHEET

For Permit Period FY19 (Base Reporting Period: 2018)

CERS ID: _____

Facility: _____ CID: _____

Address: _____

Total Aggregate Quantities Stored or Handled at This Facility

(1) The row heading "Hazardous Materials" requires a sum of *all* Maximum Daily Amounts reported on in Column 218 of the CERS Chemical Description, including the numbers reported for hazardous wastes. (2) Please don't leave any quantity, volume, or weight boxes blank; if the number for a particular category is zero, enter 0. (3) If additional programs should be billed (CalARP, APSA, etc.), place an X in the box under the program name; for .

Quantities Summarized:

Chemicals	CY2017	CY2017	CY2017	Last Reported	FY2019 Permit
	LIQUID	**SOLIDS**	**GASES**		
Total number of **all** chemicals:					
	GALLONS All liquids	**POUNDS** All solids	**CU. FT.** All gasses		
Hazardous Materials: *ALL* Chemicals. Sum of *all* Box 218s—Max. Daily Amt					
Hazardous Wastes: *ONLY* Wastes. Sum of *all* Box 219s— Annual Waste Amt					

CalARP			Tiered Permit			APSA	
Program 1	Program 2	Program 3	Conditionally Exempt	Conditionally Authorized	Permit by Rule	< 10,000	≥ 10,000
Undergrnd Stor. Tanks		**Acute HW**	**Inert Gas**	**Etiologic**	**Radiologic**	**Nano**	**EPCRA**
# of USTs:							

Additional Billing FY 2017: _____ FY 2018: _____

Reason:

Last modified on 04/03/2018

Planning and Development Department
Toxics Management Division

Saved to Site File: _____
EC Updated: _____
Finance Updated: _____
Admin Initials: _____

FEE SUMMARY SHEET

Permit Period FY 21 (Base Reporting Period: 2020)

CERS ID: 10195858

Facility: Berkeley Gas & Smog CID: 120208

Address: 3000 Shattuck AVE

1. The row headed "Hazardous Materials" requires sums of ***all*** Maximum Daily Amounts reported in Column 218 of the CERS Chemical Inventory, ***including the amounts reported for hazardous wastes*** .
2. Don't leave any quantity, volume, or weight boxes blank; **if the number for a category is zero, enter 0**.
3. If additional programs should be billed (CalARP, APSA, etc.), or only <1000 cu ft of low riskgas is stored (HMLR), **enter an X in the box under the program name**.

Total Aggregate Quantities Stored or Handled at This Facility

Chemicals	CY 2020	CY 2020	CY 2020	Low Risk Gas only (HMLR)	Total # of chemicals
	LIQUID	SOLIDS	GASES		
Total number of **all** chemicals:	3	-	2		5
	GALLONS All liquids	POUNDS All solids	CU. FT. All gasses	Last Reported	FY2020 Permit
Hazardous Materials: *ALL* Chemicals. Sum of *all* Box 218s—Maximum Daily Amount	26,500	-	2,110	HMPA5	HMPA5
Hazardous Wastes: *ONLY* Wastes. Sum of *all* Box 219s— Annual Waste Amount	-	-		HWG1	—

CalARP			Tiered Permit			APSA	
Program 1	Program 2	Program 3	Conditionally Exempt	Conditionally Authorized	Permit by Rule	< 10,000	≥ 10,000

Underground Storage Tanks			Acute HW	Etiologic	Radiologic	Nano	EPCRA
# of USTs:	3						

Additional Billing FY 2019: _____ FY 2020: _____

Reason:

Last modified on 3/3/2020

Inspector: Carrie Estadt Date: 5/5/2020

G:\TOXICS\ADMIN\Personnel\Staff Files\Current Staff\Carrie\CERS reviews\2020 FSS\Shattuck Avenue 3000_BGS_20200505_FSS_CUPA.xlsx

New account in MR due to change in ownership. OLD CID# 2160 / New CID # 120208

Change in Facility Owner / DBA / Address

Asterisks (*) indicate required fields

Date* 02/17/2015

Email baskargi@gmail.com

Agency Use Only - Processed

	Current	New
	66677	75700

Facility

	Current	New
ID	FA0000012	
DBA	US SMOG & GAS	New Facility Name: Berkeley Gas & Smog
Owner Name	SHAZADA KHAN	New Owner: Baskaran Subbiah

☑ This is a Change of Ownership
☐ Request name change to the same owner

Facility Address

	Current	New
Street	3000 SHATTUCK AVE	New Facility Address
City	BERKELEY	City
State	CA	State
Zip	94705	Zip

☐ Facility Moved to New Location
☐ Updated address at same location

Billing Mailing Information

	Current	New
Street	3000 SHATTUCK AVENUE	Mailing (New): 3000 Shattuck Avenue
City	BERKELEY	Mailing City: Berkeley
State	CA	Mailing State: CA
Zip	94705	Mailing Zip: 94705
Attention	SHAZADA KHAN	Mailing Attn: Baskaran Subbiah

Change requests will be processed within 3-5 business days

Close this window

EC update: 2/19/15
pkg transfer: 2/23/15
business notification: 2/23/15
spreadsheet updated: 2/23/15

MR updated: 2/24/15
Current balance: ~~Paid~~ ~~Payment pending as of 2/11/15.~~ Paid in full.
Assigned to: Karl
Completed: 3/10/15

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)	FA0001005 [1]	EPA ID # (Hazardous Waste Only) [2]	
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)	BERKELEY GAS & SMOG [3]		
BUSINESS SITE ADDRESS	3000 SHATTUCK AVE [103]		
BUSINESS SITE CITY	BERKELEY [104]	CA	ZIP CODE 94705 [105]

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…	If Yes, please complete these pages of the UPCF….	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	☐ YES	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☒ YES	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES	See CUPA for required forms.

F. LOCAL REQUIREMENTS [15]

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID#	1	BEGINNING DATE 100	ENDING DATE 101
FA0001005			

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	BUSINESS PHONE 102
BERKELEY GAS & SMOG	5105294820
BUSINESS SITE ADDRESS 103	BUSINESS FAX 102a
3000 SHATTUCK AVE	

BUSINESS SITE CITY 104		ZIP CODE 105	COUNTY 108
BERKELEY	CA	94705	

DUN & BRADSTREET 106	PRIMARY SIC 107	PRIMARY NAICS 107a

BUSINESS MAILING ADDRESS 108a
3000 SHATTUCK AVE.

BUSINESS MAILING CITY 108b	STATE 108c	ZIP CODE 108d
BERKELEY	CA	94705

BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110
BASHARAN SUBBIAH	5104697634

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
BASKARAN SUBBIAH	5104697634

OWNER MAILING ADDRESS 113
2993 Rubino Circle

OWNER MAILING CITY 114	STATE 115	ZIP CODE 116
San Jose	CA	95125

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	CONTACT PHONE 118
Baskaran Subbiah	5104697634
CONTACT MAILING ADDRESS 119	CONTACT EMAIL 119a
3000 Shattuck Avenue	baskargi@gmail.com

CONTACT MAILING CITY 120	STATE 121	ZIP CODE 122
BERKELEY	CA	94705

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123: Baskaran Subbiah	NAME 128: Nirmal
TITLE 124: Owner	TITLE 129: manager
BUSINESS PHONE 125: 5104697634	BUSINESS PHONE 130: 5105294820
24-HOUR PHONE 126: 5104697634	24-HOUR PHONE 131: 5106462223
CELL / PAGER # 127:	CELL / PAGER # 132:
EMAIL:	EMAIL:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135

NAME OF SIGNER (print) 136	TITLE OF SIGNER 137
Baskaran Subbiah	Business Operator

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 | Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
inside c- store

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203
B2

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
motor oil

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
motor oil

EHS* ☐ Yes 208

CAS# 209
n/a

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritant (Irr)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 1.0 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
30.0	30.0		

UNITS* (Check one item only) 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226	227	☐ Yes 228	229
2 230	231	☐ Yes 232	233
3 234	235	☐ Yes 236	237
4 238	239	☐ Yes 240	241
5 242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
A1

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Propane

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Propane

EHS* ☐ Yes 208

CAS# 209
74-98-6

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Compressed Gas (CGas)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 214

LARGEST CONTAINER 250.0 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
250.0	500.0		

UNITS* (Check one item only) 221
☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222
365.0

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☒ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	227	☐ Yes 228	229
2	230	231	☐ Yes 232	233
3	234	235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
pumps island

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203
c1

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Gasoline

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Reg Unleaded Gasoline 87 Octane

EHS* ☐ Yes 208

CAS# 209
8006-61-9

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid, Class II (1.1 II), Flammable Liquefied Gas (3.2I)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 20000.0 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
4500.0	7500.0		

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 365.0 222

STORAGE CONTAINER
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON 223

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226	1-5 Benzene 227	☐ Yes 228	71-43-2 229
2 230	0 - 15 Ethanol 231	☐ Yes 232	233
3 234	8 - 15 Aylene 235	☐ Yes 236	1330-20-7 237
4 238	7 - 14 Toalene 239	☐ Yes 240	108-88-3 241
5 242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 | Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
ust, next to building

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Supreme Unleaded Gasoline (91 Octane)

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Super Gasoline (91 Octane)

EHS* ☐ Yes 208

CAS# 209
8006-61-9

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid, Class I-B (3.3 I-B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 10000.0 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
300.0	6500.0		

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 365.0 222

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	100.0 (226)	Gasoline (227)	☐ Yes (228)	86290-81-5 (229)
2	4.9000000 (230)	Benzene (231)	☐ Yes (232)	71-43-2 (233)
3	3.0 (234)	Ethyl Benzene (235)	☐ Yes (236)	100-41-4 (237)
4	2.0 (238)	Naphalene (239)	☐ Yes (240)	91-20-3 (241)
5	10.0 (242)	Ethanol (243)	☐ Yes (244)	64-17-5 (245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 | Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
parking

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203
p1

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
used Oil

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
used Oil

EHS* ☐ Yes 208

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritant (Irr)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 550.0 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
0.0	0.0	0.0	

UNITS* (Check one item only) 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	used oil 227	☐ Yes 228	229
2	230	used oil 231	☐ Yes 232	233
3	234	used oil 235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # 1.	CERS ID A1.	DATE OF PLAN PREPARATION/REVISION A2.
FA0001005		

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
BERKELEY GAS & SMOG

BUSINESS SITE ADDRESS 103.
3000 SHATTUCK AVE

BUSINESS SITE CITY 104.		ZIP CODE 105.
BERKELEY	CA	94705

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.
☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.
☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☒ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:
1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:
1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)	(510) 981-7460 City of Berkeley Toxic Mgt. Div C3.
OTHER (Specify): C4.	C5.

NEAREST MEDICAL FACILITY / HOSPITAL NAME: Altabates hospital C6. | Ashby C7.

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD	(510) 622-2300 SF Bay Regic C8.
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND WILDLIFE (CDFW)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9.	C10.
OTHER (Specify): C11.	C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☒ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☐ 4. OTHER (Specify): E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Enterprise rent a car, cross the street from our gas station

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☒ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2. in tool box	G3. saves from accidents.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4. in garage	G5. protects skin/hands
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8. in tool box	G9. protects eyes
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☒ FIRST AID KITS / STATIONS	G16. in the back office	G17. for cuts & bruishes
	9. ☒ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18. in the c-store/bathroom	G19. eyes and hand wash
	10. ☒ PORTABLE EYEWASH KITS	G20. in the c-store/bathroom	G21. eyes and hand wash
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26. in c- store/garage	G27.
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☒ ABSORBENT MATERIAL	G36. inside garage	G37. absorbs spills
	19. ☒ CONTAINER FOR USED ABSORBENT	G38. inside garage	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☒ BROOM	G42. inside garage	G43.
	22. ☒ SHOVEL	G44. inside garage	G45.
	23. ☒ SHOP VAC	G46. water removing inside van	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60. inside c- store	G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66. in front of gas station	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply) H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	none H2.
☒ 2. PROCESS LINES / PIPING	none H3.
☒ 3. LABORATORY	none H4.
☒ 4. WASTE TREATMENT AREA	none H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply) H6.	LOCATIONS
☒ 1. SHELVES, CABINETS AND RACKS	garage area H7.
☒ 2. TANKS (EMERGENCY SHUTOFF)	outside, in front of c- store H8.
☒ 3. PORTABLE GAS CYLINDERS	in front of c- store H9.
☒ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES	in front of c- store H10.
☐ 5. SPRINKLER SYSTEMS	H11.
☒ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)	in front of c- store H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☐ 5. OTHER (Specify): _____ I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☐ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)	FA0001005 [1]	EPA ID # (Hazardous Waste Only) [2]	
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)	BERKELEY GAS & SMOG [3]		
BUSINESS SITE ADDRESS	3000 SHATTUCK AVE [103]		
BUSINESS SITE CITY	BERKELEY [104]	CA	ZIP CODE 94705 [105]

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…	If Yes, please complete these pages of the UPCF….	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	☐ YES	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☒ YES	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES	See CUPA for required forms.

F. LOCAL REQUIREMENTS [15]

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID#	1	BEGINNING DATE 100	ENDING DATE 101
FA0001005			

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	BUSINESS PHONE 102
BERKELEY GAS & SMOG	5105294820
BUSINESS SITE ADDRESS 103	BUSINESS FAX 102a
3000 SHATTUCK AVE	

BUSINESS SITE CITY 104		ZIP CODE 105	COUNTY 108
BERKELEY	CA	94705	

DUN & BRADSTREET 106	PRIMARY SIC 107	PRIMARY NAICS 107a

BUSINESS MAILING ADDRESS 108a
3000 SHATTUCK AVE.

BUSINESS MAILING CITY 108b	STATE 108c	ZIP CODE 108d
BERKELEY	CA	94705

BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110
BASHARAN SUBBIAH	5104697634

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
BASKARAN SUBBIAH	5104697634

OWNER MAILING ADDRESS 113
2993 Rubino Circle

OWNER MAILING CITY 114	STATE 115	ZIP CODE 116
San Jose	CA	95125

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	CONTACT PHONE 118
Baskaran Subbiah	5104697634
CONTACT MAILING ADDRESS 119	CONTACT EMAIL 119a
3000 Shattuck Avenue	baskargi@gmail.com

CONTACT MAILING CITY 120	STATE 121	ZIP CODE 122
BERKELEY	CA	94705

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123: Baskaran Subbiah	NAME 128: Nirmal
TITLE 124: Owner	TITLE 129: manager
BUSINESS PHONE 125: 5104697634	BUSINESS PHONE 130: 5105294820
24-HOUR PHONE 126: 5104697634	24-HOUR PHONE 131: 5106462223
CELL / PAGER # 127:	CELL / PAGER # 132:
EMAIL:	EMAIL:

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135

NAME OF SIGNER (print) 136	TITLE OF SIGNER 137
Baskaran Subbiah	Business Operator

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 | Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
inside c- store

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203
B2

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
motor oil

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
motor oil

EHS* ☐ Yes 208

CAS# 209
n/a

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritant (Irr)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 1.0 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
30.0	30.0		

UNITS* (Check one item only) 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226	227	☐ Yes 228	229
2 230	231	☐ Yes 232	233
3 234	235	☐ Yes 236	237
4 238	239	☐ Yes 240	241
5 242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
A1

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Propane

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Propane

EHS* ☐ Yes 208

CAS# 209
74-98-6

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Compressed Gas (CGas)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS 214

LARGEST CONTAINER 250.0 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
250.0	500.0		

UNITS* (Check one item only) 221
☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222
365.0

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☒ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	227	☐ Yes 228	229
2	230	231	☐ Yes 232	233
3	234	235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
pumps island

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203
c1

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Gasoline

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Reg Unleaded Gasoline 87 Octane

EHS* ☐ Yes 208

CAS# 209
8006-61-9

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Combustible Liquid, Class II (1.1 II), Flammable Liquefied Gas (3.2I)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 20000.0 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
4500.0	7500.0		

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 365.0 222

STORAGE CONTAINER
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON 223

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226	1-5 Benzene 227	☐ Yes 228	71-43-2 229
2 230	0 - 15 Ethanol 231	☐ Yes 232	233
3 234	8 - 15 Aylene 235	☐ Yes 236	1330-20-7 237
4 238	7 - 14 Toalene 239	☐ Yes 240	108-88-3 241
5 242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 | Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
ust, next to building

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Supreme Unleaded Gasoline (91 Octane)

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Super Gasoline (91 Octane)

EHS* ☐ Yes 208

CAS# 209
8006-61-9

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid, Class I-B (3.3 I-B)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 10000.0 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
300.0	6500.0		

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 365.0 222

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	100.0 (226)	Gasoline (227)	☐ Yes (228)	86290-81-5 (229)
2	4.9000000 (230)	Benzene (231)	☐ Yes (232)	71-43-2 (233)
3	3.0 (234)	Ethyl Benzene (235)	☐ Yes (236)	100-41-4 (237)
4	2.0 (238)	Naphalene (239)	☐ Yes (240)	91-20-3 (241)
5	10.0 (242)	Ethanol (243)	☐ Yes (244)	64-17-5 (245)

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 | Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
BERKELEY GAS & SMOG

CHEMICAL LOCATION 201
parking

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1
F A 0 0 0 1 0 0 5

MAP# (optional) 203
p1

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
used Oil

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
used Oil

EHS* ☐ Yes 208

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Irritant (Irr)

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 550.0 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
0.0	0.0	0.0	

UNITS* (Check one item only) 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	used oil 227	☐ Yes 228	229
2	230	used oil 231	☐ Yes 232	233
3	234	used oil 235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # 1.	CERS ID A1.	DATE OF PLAN PREPARATION/REVISION A2.
FA0001005		

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
BERKELEY GAS & SMOG

BUSINESS SITE ADDRESS 103.
3000 SHATTUCK AVE

BUSINESS SITE CITY 104.		ZIP CODE 105.
BERKELEY	CA	94705

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.
☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.
☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☒ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:
1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:
1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)	(510) 981-7460 City of Berkeley Toxic Mgt. Div C3.
OTHER (Specify): C4.	C5.

NEAREST MEDICAL FACILITY / HOSPITAL NAME: Altabates hospital C6. | Ashby C7.

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD	(510) 622-2300 SF Bay Regic C8.
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND WILDLIFE (CDFW)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9.	C10.
OTHER (Specify): C11.	C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☒ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☒ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☒ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☐ 4. OTHER (Specify): E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Enterprise rent a car, cross the street from our gas station

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☒ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2. in tool box	G3. saves from accidents.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4. in garage	G5. protects skin/hands
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8. in tool box	G9. protects eyes
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☒ FIRST AID KITS / STATIONS	G16. in the back office	G17. for cuts & bruishes
	9. ☒ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18. in the c-store/bathroom	G19. eyes and hand wash
	10. ☒ PORTABLE EYEWASH KITS	G20. in the c-store/bathroom	G21. eyes and hand wash
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26. in c- store/garage	G27.
	14. ☐ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☒ ABSORBENT MATERIAL	G36. inside garage	G37. absorbs spills
	19. ☒ CONTAINER FOR USED ABSORBENT	G38. inside garage	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☒ BROOM	G42. inside garage	G43.
	22. ☒ SHOVEL	G44. inside garage	G45.
	23. ☒ SHOP VAC	G46. water removing inside van	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60. inside c- store	G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☒ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66. in front of gas station	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply) H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	none H2.
☒ 2. PROCESS LINES / PIPING	none H3.
☒ 3. LABORATORY	none H4.
☒ 4. WASTE TREATMENT AREA	none H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply) H6.	LOCATIONS
☒ 1. SHELVES, CABINETS AND RACKS	garage area H7.
☒ 2. TANKS (EMERGENCY SHUTOFF)	outside, in front of c- store H8.
☒ 3. PORTABLE GAS CYLINDERS	in front of c- store H9.
☒ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES	in front of c- store H10.
☐ 5. SPRINKLER SYSTEMS	H11.
☒ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)	in front of c- store H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☐ 5. OTHER (Specify): _____ I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☐ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

FEE SUMMARY SHEET
For Permit Period FY12 (Base Reporting Period: 2010)

Business Name: US Smog and Gas [CID: 260]

Address: 3000 Shattuck Avenue

Total Aggregate Quantities Stored or Handled at This Facility

The row heading "Hazardous Materials" requires a sum of all amounts reported on the Chemical Description pages, including data reported for hazardous wastes.

Quantities Summarized:

Chemicals:	**CY2010**	**CY2010**	**CY2010**	**Last Reported**	**FY2012 Permit**
	Liquids	***Solids***	***Gases***		
Total number of ***all*** chemicals:	3	1	1	8	5
Total no. of ***waste*** chemicals:	1	1			
	Gallons ***All liquids***	***Pounds*** ***All solids***	***Cu. Ft.*** ***All gases***		
Hazardous Materials: (***ALL*** Chemicals) - Sum of *all* Box 218s – Max. Daily Amt.	24,490	5	500	A5	A5
Hazardous Wastes: (***ONLY*** Wastes) – Sum of *all* Box 219s – Annual Waste Amt.	225	25		<5	<5
Underground Storage Tanks: No. of USTs: 2					
Universal Waste:	CESQUWG	HANDLER	DESTINATION	Date entered into HTE (and initials)	
Other Billing Categories:	Tiered	etiologic	radiologic		
inert gas fee / nano	CalARP	EPCRA	APSA		

Completed by: Carie Ettadt Date: 8/17/11

City of Berkeley, Toxics Management Division
2118 Milvia Street, Suite 300
Berkeley, CA 94704
(510) 981-7460 FAX (510) 981-7470

Hazardous Materials Business Plan (HMBP) Certification Statement

For Dept Use Only – Log In/Date Stamp

RECEIVED
MAR 28 2011
TOXICS MGMT. DIVISION

I. IDENTIFICATION

BUSINESS NAME (Same as Facility Name or DBA-Doing Business As)	US SMOG & GAS
BUSINESS SITE ADDRESS	3000 SHATTUCK AVE
CITY	BERKELEY
CA	
ZIP CODE	94705

II. CERTIFICATION STATEMENT

Check the appropriate boxes below and sign the certification statement.

I hereby certify, under penalty of perjury, that the information contained in this Hazardous Materials Business Plan is, to the best of my knowledge, true and correct. I understand that I will be required to show proof of compliance during any facility inspection conducted by City, County, State, or Federal authorities. I understand that whenever there are changes in address, ownership, business name, or operations (closure, addition of undisclosed hazardous materials or hazardous wastes, and/or contingency planning provisions), a notification of such must be made to Toxics Management Division within 30 days of the change.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE: [signature]	DATE: 3/16/11
NAME OF SIGNER (print): SHAHZADA KHAN	TITLE OF SIGNER: OWNER
EMAIL OF SIGNER OR ENVIRONMENTAL CONTACT: S_khan33@yahoo.com	

Agency Use Only

- [x] HMBP accepted as submitted
- [ ] HMBP requires revisions – Letter sent

HMBP ACCEPTED: 7/19/11 BY: Carie Estrada

6/23/11 left message for Mr. Khan regarding inventory max daily.
Per Mr. Khan, 6/30/11, the information is accurate.
He will bring over documentation

7/19/11: Date Tech Review Completed
_____: Date Scanned
_____: Date Copied for BFD
_____: Date Data Entry Completed
_____: Date Filed

(Initial each line)

City of Berkeley, Toxics Management Division

UNIFIED PROGRAM CONSOLIDATED FORM – FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	1	EPA ID # (Hazardous Waste Only) CAL000236 51 2
BUSINESS NAME (Same as Facility Name or DBA-Doing Business As)	US SMOG & GAS	3
BUSINESS SITE ADDRESS	3000 Shattuck Ave	103
BUSINESS SITE CITY	Berkeley 104	CA ZIP CODE 94705 105

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…	If Yes, please complete these pages of the UPCF….	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO 4a	Coordinate with your local agency responsible for CalARP
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☒ YES ☐ NO 5	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES ☒ NO 8	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE		
1. Generate hazardous waste?	☒ YES ☐ NO 9	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☒ NO 10	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (20 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☐ NO 14a	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES ☒ NO 14b	See CUPA for required forms.
E. LOCAL REQUIREMENTS		
1. Use or store hazardous materials or hazardous wastes in combined (aggregate) quantities equal to or greater than 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases?	☒ YES ☐ NO 15	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731) OR SPREADSHEET
2. Use or store any quantity of etiological agents, radioactive materials or perchlorate materials?	☐ YES ☒ NO 15	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731) OR SPREADSHEET
3. Below E.1. thresholds above, but generate any quantity of hazardous waste?	☐ YES ☒ NO 15	HAZARDOUS WASTE GENERATOR REPORTING PACKET
4. Generate any quantity of Universal Waste (mercury containing devices, non-empty aerosols, electronic devices, fluorescent tubes, batteries, dental amalgam wastes, etc.)?	☐ YES ☒ NO 15	SEE THE UNIVERSAL WASTE REPORTING REQUIREMENTS PAGE FOR INSTRUCTIONS
5. Treat any quantity of photochemical waste on-site (x-ray and photo imaging processors)?	☐ YES ☒ NO 15	

Business Activities

Please submit the Business Activities page, the Business Owner/Operator Identification page (OES Form 2730), and Hazardous Materials Inventory -Chemical Description pages (OES Form 2731) for all submissions. (Note: the numbering of the instructions follows the data element numbers that are on the UPCF pages. These data element numbers are used for electronic submission and are the same as the numbering used in 27 CCR, Appendix C, the Business Section of the Unified Program Data Dictionary.) Please number all pages of your submittal. This helps your CUPA or AA identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - Leave this blank. This number is assigned by the Certified Unified Program Agency (CUPA) or Administering Agency (AA). This is the unique number which identifies your facility.
2. EPA ID NUMBER - If you generate, recycle, or treat hazardous waste, enter your facility's 12-character U.S. Environmental Protection Agency (U.S. EPA) or California Identification number. For facilities in California, the number usually starts with the letters CA. If you do not have a number, contact the Department of Toxic Substances Control (DTSC) Telephone Information Center at (916) 324-1781, (800) - 61-TOXIC or (800) 61-86942, to obtain one.
3. BUSINESS NAME - Enter the full legal name of the business. This is the same as the terms Facility Name or DBA - Doing Business As that might have been used in the past.
4. HAZARDOUS MATERIALS ONSITE - Check the box to indicate whether you have a hazardous material onsite. You have a hazardous material onsite if:
   - Your total aggregate quantities of hazardous materials stored or handled at your facility equal or exceed 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (calculated at standard temperature and pressure),
   - It is handled in quantities equal to or greater than the applicable federal threshold planning quantity for an extremely hazardous substance listed in 40 CFR Part 355, Appendix A,
   - You store or use any quantity of radioactive materials or etiological agents.

   If you have a hazardous material onsite, then you must complete the Business Owner/Operator Identification page (OES Form 2730) and the Hazardous Materials Inventory - Chemical Description page(s) (OES Form 2731), as well as an Emergency Response Plan.
5. OWN OR OPERATE UNDERGROUND STORAGE TANK (UST) - Check the appropriate box to indicate whether you own or operate USTs containing hazardous substances as defined in Health and Safety Code (HSC) Section 25316. If "YES", then you must complete one UST Facility page and UST Tank pages for each tank. You must also submit a plot plan and a monitoring program plan.
6. UPGRADE/INSTALL UST - Check the appropriate box to indicate whether you intend to install or upgrade USTs containing hazardous substances as defined in HSC Section 25316. If "YES", then you must complete the UST Installation - Certificate of Compliance page in addition to UST Facility and Tank pages, plot plan and monitoring program plan.
7. UST CLOSURE - Check the appropriate box if you are closing an UST and complete the closure portion of the UST Tank pages for each tank. (CUPAs may require additional information.)
8. OWN OR OPERATE ABOVEGROUND PETROLEUM STORAGE TANK (AST) - Check the appropriate box to indicate whether there are ASTs onsite which exceed the regulatory thresholds. (There is no UPCF page for ASTs.) This program applies to all facilities storing petroleum in aboveground tanks. Petroleum means crude oil, or any fraction thereof, which is liquid at 60 degrees Fahrenheit temperature and 14.7 pounds per square inch absolute pressure (HSC Section 25270.2 (g)). The facility must have a single tank greater than 1,320 gallons, or cumulative storage capacity greater than 1,320 gallons for all ASTs. NOT Subject to the Act (exemptions):
   An aboveground petroleum storage tank (AST) facility with one or more of the following (see HSC Section 25270.2 (k)) is not subject to this act and is exempt:
   - A pressure vessel or boiler which is subject to Division 5 of the Labor Code,
   - A storage tank containing hazardous waste if a hazardous waste facility permit has been issued for the storage tank by DTSC,
   - An aboveground oil production tank which is regulated by the Division of Oil and Gas,
   - Certain oil-filled electrical equipment including but not limited to transformers, circuit breakers, or capacitors.
9. HAZARDOUS WASTE GENERATOR - Check the appropriate box to indicate whether your facility generates hazardous waste. A generator is the person or business whose acts or processes produce a hazardous waste or who causes a hazardous substance or waste to become subject to State hazardous waste law. If your facility generates hazardous waste, you must obtain and use an EPA Identification number (ID) in order to properly transport and dispose of it. Report your EPA ID number in #2. Hazardous waste means a waste that meets any of the criteria for the identification of a hazardous waste adopted by DTSC pursuant to HSC Section 25141. "Hazardous waste" includes, but is not limited to, federally regulated hazardous waste. Federal hazardous waste law is known as the Resource Conservation and Recovery Act (RCRA). Unless explicitly stated otherwise, the term "hazardous waste" also includes extremely hazardous waste and acutely hazardous waste.
10. RECYCLE - Check the appropriate box to indicate whether your facility recycles more than 100 kilograms per month of recyclable material under a claim that the material is excluded or exempt per HSC Section 25143.2. Check "YES" and complete the Recyclable Materials Report pages, if you either recycled onsite or recycled excluded recyclable materials which were generated offsite. Check "NO" if you only send recyclable materials to an offsite recycler. You do not need to report.
11. ONSITE HAZARDOUS WASTE TREATMENT - Check the appropriate box to indicate whether your facility engages in onsite treatment of hazardous waste. "Treatment" means any method, technique, or process which is designed to change the physical, chemical, or biological character or composition of any hazardous waste or any material contained therein, or removes or reduces its harmful properties or characteristics for any purpose. "Treatment" does not include the removal of residues from manufacturing process equipment for the purposes of cleaning that equipment. Amendments (effective 1/1/99) add exemptions from the definition of treatment for certain processes under specific, limited conditions. Refer to HSC Section 25123.5 (b) for these specific exemptions. Treatment of certain laboratory hazardous wastes do not require authorization. Refer to HSC Section 25200.3.1 for specific information. Please contact your CUPA to determine if any exemptions apply to your facility. If your facility engages in onsite treatment of hazardous waste then complete the Onsite Hazardous Waste Treatment Notification - Facility page and one set of Onsite Hazardous Waste Treatment Notification - Unit pages with waste and treatment process information for each unit.
12. FINANCIAL ASSURANCE - Check the appropriate box to indicate whether your facility is subject to financial assurance requirements for closure of an onsite treatment unit. Unless they are exempt, Permit by Rule (PBR) and Conditionally Authorized (CA) operations are required to provide financial assurance for closure costs (per 22 CCR Section 67450.13 (b) and HSC Section 25245.4). If your facility is subject to financial assurance requirements or claiming an exemption, then complete the Certification of Financial Assurance page.
13. REMOTE WASTE CONSOLIDATION SITE - Check the appropriate box to indicate whether your facility consolidates hazardous waste generated at a remote site. Answer "YES" if you are a hazardous waste generator that collects hazardous waste initially at remote sites and subsequently transports the hazardous waste to a consolidation site you also operate. You must be eligible pursuant to the conditions in HSC Section 25110.10. If your facility consolidates hazardous waste generated at a remote site, then complete the Remote Waste Consolidation Site Annual Notification page.
14. HAZARDOUS WASTE TANK CLOSURE - Check the appropriate box to indicate whether the tank being closed would be classified as hazardous waste after its contents are removed. Classification could be based on:
   - Your knowledge of the tank and its contents
   - Testing of the tank
   - Inability to remove hazardous materials stored in the tank.
   - The mixture rule
   - The listed wastes in 40 CFR 261.31 or 40 CFR 261.32.

   If the tank being closed would be classified as hazardous waste after its contents are removed, then you must complete the Hazardous Waste Tank Closure Certification page.
15. LOCAL REQUIREMENTS - Some CUPAs or AAs may require additional information. Check with your CUPA before submitting the UPCF to determine if any supplemental information is required.

City of Berkeley, Toxics Management Division

UNIFIED PROGRAM CONSOLIDATED FORM - FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page ___ of ___

I. IDENTIFICATION

FACILITY ID# 1	BEGINNING DATE 100: 10/18/11	ENDING DATE 101: 10/18/12	
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: US SMOG & GAS		BUSINESS PHONE 102: 510-704-0500	
BUSINESS SITE ADDRESS 103: 3000 SHATTUCK AVE		BUSINESS FAX 102a:	
BUSINESS SITE CITY 104: BERKELEY	CA	ZIP CODE 105: 94705	COUNTY 108:
DUN & BRADSTREET 106: 09-0720-0401		PRIMARY SIC 107: 5541	PRIMARY NAICS 107a:
BUSINESS MAILING ADDRESS 108a: 3000 SHATTUCK AVE			
BUSINESS MAILING CITY 108b: BERKELEY	STATE 108c: CA	ZIP CODE 108d: 94705	
BUSINESS OPERATOR NAME 109: SHAHZADA KHAN		BUSINESS OPERATOR PHONE 110: 510-978-2457	

II. BUSINESS OWNER

OWNER NAME 111: SHAHZADA KHAN	OWNER PHONE 112: 510-978-2457	
OWNER MAILING ADDRESS 113: 3000 SHATTUCK AVE		
OWNER MAILING CITY 114: BERKELEY	STATE 115: CA	ZIP CODE 116: 94705

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117: SHAHZADA KHAN	CONTACT PHONE 118: 510-978-2457	
CONTACT MAILING ADDRESS 119: 3000 SHATTUCK AVE	CONTACT EMAIL 119a:	
CONTACT MAILING CITY 120: BERKELEY	STATE 121: CA	ZIP CODE 122: 94705

IV. EMERGENCY CONTACTS

-PRIMARY-		-SECONDARY-	
NAME 123: SHAHZADA KHAN		NAME 128: [redacted]	
TITLE 124: OWNER		TITLE 129:	
BUSINESS PHONE 125: 510-704-0500		BUSINE 130:	
24-HOUR PHONE 126: 510-978-2457		24-HOU 131:	
PAGER # EMAIL 127: S_khan33@yahoo.com		PAGER # 132:	

ADDITIONAL LOCALLY COLLECTED INFORMATION 133:

E-MAIL → S_khan33@yahoo.com

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134: 3/21/11	NAME OF DOCUMENT PREPARER 135: SHAHZADA KHAN
NAME OF SIGNER (print) 136: SHAHZADA KHAN	TITLE OF SIGNER 137: Owner	

Business Owner/Operator Identification

Please submit the Business Activities page, the Business Owner/Operator Identification page, and Hazardous Materials Inventory - Chemical Description pages for all hazardous materials inventory submissions. For the inventory to be considered complete this page must be signed by the appropriate individual. (Note: the numbering of the instructions follows the data element numbers that are on the Unified Program Consolidated Form (UPCF) pages. These data element numbers are used for electronic submission and are the same as the numbering used in Division 3, Electronic Submittal of Information.) Please number all pages of your submittal. This helps Unified Program Agency (UPA) identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER – Leave this blank. This number is assigned by the UPA. This is the unique number which identifies your facility.
3. BUSINESS NAME - Enter the doing business as name.
100. BEGINNING DATE - Enter the beginning year and date of the report. (YYYYMMDD)
101. ENDING DATE - Enter the ending year and date of the report. (YYYYMMDD)
102. BUSINESS PHONE - Enter the phone number, area code first, and any extension.
102a. BUSINESS FAX – Enter the business fax number, area code first.
103. BUSINESS SITE ADDRESS - Enter the street address where the facility is located. No post office box numbers are allowed. This information must provide a means to geographically locate the facility.
104. BUSINESS SITE CITY - Enter the city or unincorporated area in which business site is located.
105. ZIP CODE - Enter the zip code of business site. The extra 4 digit zip may also be added.
106. DUN & BRADSTREET – If subject to EPCRA, enter the Dun & Bradstreet number for the facility. The Dun & Bradstreet number may be obtained by calling (610) 882-7748 or on the web at www.dnb.com.
107. SIC NUMBER - Enter the primary Standard Industrial Classification System Number. Required for EPCRA.
107a. NAICS NUMBER - Enter the primary North American Industrial Classification System Number.
108. COUNTY - Enter the county in which the business site is located.
108a. BUSINESS MAILING ADDRESS – Enter the mailing address to be used for all official business correspondence. This mailing address must be filled in.
108b. BUSINESS MAILING CITY - Enter the name of the city for the business mailing address.
108c. STATE - Enter the two character abbreviation of the state for the business mailing address.
108d. ZIP CODE - Enter the zip code for the business mailing address. The extra 4 digit zip may also be added.
109. BUSINESS OPERATOR NAME - Enter the name of the business operator.
110. BUSINESS OPERATOR PHONE - Enter business operator phone number, if different from business phone, area code first, and any extension.
111. BUSINESS OWNER NAME - Enter name of business owner, if different from business operator.
112. BUSINESS OWNER PHONE - Enter the business owner's phone number if different from business phone, area code first, and any extension.
113. BUSINESS OWNER MAILING ADDRESS - Enter the owner's mailing address, if different from business mailing address.
114. BUSINESS OWNER CITY - Enter the name of the city for the owner's mailing address, if different from business mailing address.
115. BUSINESS OWNER STATE - Enter the 2 character state abbreviation for the owner's mailing address, if different from business mailing address.
116. BUSINESS OWNER ZIP CODE - Enter the zip code for the owner's address, if different from business mailing address. The extra 4 digit zip may also be added.
117. ENVIRONMENTAL CONTACT NAME - Enter the name of the person, who receives all environmental correspondence.
118. CONTACT PHONE - Enter the phone number, if different from Owner or Operator, for the environmental contact, area code first, and any extension.
119. CONTACT MAILING ADDRESS - Enter the mailing address where all environmental contact correspondence should be sent.
119a CONTACT EMAIL – Enter the email address of the environmental contact in 117, if the contact has one.
120. CONTACT MAILING CITY - Enter the name of the city for the environmental contact's mailing address.
121. STATE - Enter the 2 character state abbreviation for the environmental contact's mailing address.
122. ZIP CODE - Enter the zip code for the environmental contact's mailing address. The extra 4 digit zip may also be added.
123. PRIMARY EMERGENCY CONTACT NAME - Enter the name of a representative to be contacted in case there is an emergency involving hazardous materials at the business site. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
124. TITLE - Enter the title of the primary emergency contact.
125. BUSINESS PHONE - Enter the business number for the primary emergency contact, area code first, and any extensions.
126. 24-HOUR PHONE - Enter a 24-hour phone number for the primary emergency contact. The 24-hour phone number must be one which is answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
127. PAGER NUMBER - Enter the pager number for the primary emergency contact, if available.
128. SECONDARY EMERGENCY CONTACT NAME - Enter the name of a secondary representative that can be contacted in the event that the primary emergency contact is not available. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
129. TITLE - Enter the title of the secondary emergency contact.
130. BUSINESS PHONE - Enter the business telephone number for the secondary emergency contact, area code first, and any extension.
131. 24-HOUR PHONE - Enter a 24-hour phone number for the secondary emergency contact. The 24 hour phone number must be one which is answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
132. PAGER NUMBER - Enter the pager number for the secondary emergency contact, if available.
133. ADDITIONAL LOCALLY COLLECTED INFORMATION - This space may be used for UPA to collect any additional information necessary to meet the requirements of their individual programs. Contact UPA for guidance.
134. DATE - Enter the date that the document was signed. (YYYYMMDD)
135. NAME OF DOCUMENT PREPARER - Enter the full name of the person who prepared the inventory submittal information.
136. NAME OF SIGNER - Enter the full printed name of the person signing the page. The signer certifies to a familiarity with the information submitted and that based on the signer's inquiry of those individuals responsible for obtaining the information, all the information submitted is true, accurate and complete.
SIGNATURE OF OWNER/ OPERATOR OR DESIGNATED REPRESENTATIVE - The Business Owner/Operator, or officially designated representative of the Owner/Operator, shall sign in the space provided. This signature certifies that the signer is familiar with the information submitted and that based on the signer's inquiry of those individuals responsible for obtaining the information it is the signer's belief that the submitted information is true, accurate and complete.
137. TITLE OF SIGNER - Enter the title of the person signing the page.

Hazardous Waste Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: US SMOG & GAS | Business Address: 3000 Shattuck Ave Berkley | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location	205, 207 Waste Stream Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily	Largest Container	219 Annual Waste Amount	221 Units	216 SARA Class	224, 225 Pressure & Temp
	WASTE ABSORBENT	☒ Same as first column -------- -------- -------- --------	N/A --- --- --- ---	☐ Yes ☒ No	CS	☒ solid ☐ liquid ☐ gas ☒ waste ☐ radioactive	5	2.5 222 Days on site ☐ 365	5 223 Storage Container	25 220 State Waste Code	☒ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☒ Acute ☒ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
	WASTE OIL	☒ Same as first column -------- -------- -------- --------	N/A --- --- --- ---	☐ Yes ☒ No	CL	☐ solid ☒ liquid ☐ gas ☒ waste ☐ radioactive	490 222 Days on site ☐ 365	220 223 Storage Container	550 220 State Waste Code	225	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☒ Acute ☒ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
	ARGI	☐ Same as first column -------- -------- -------- --------	 --- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas ☒ waste ☐ radioactive	 222 Days on site ☐ 365	 223 Storage Container	 220 State Waste Code		☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column -------- -------- -------- --------	 --- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas ☒ waste ☐ radioactive	 222 Days on site ☐ 365	 223 Storage Container	 220 State Waste Code		☐ lbs ☑ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

10 Hazard Classes: **CAR** – Carcinogens; **CL** – Combustible Liquid ; **COR** – Corrosive; **CRY** – Cryogenic; **EX** – Explosive; **FG** – Flammable Gas; **FL** – Flammable Liquid; **FS** – Flammable Solid; **HT** – Highly Toxic; **IRR** – Irritant; **MISC** – Miscellaneous Hazardous Materials; **NFG** – Nonflammable Gas; **OP** – Organic Peroxide; **OX** – Oxydizer; **PYRO** – Pyrophoric; **SENS** – Sensitizer; **TX** – Toxic; **UR** – Unstable/Reactive; **WR** – Water Reactive

23 Storage Container Codes: **AGT** – Above Ground Tank; **B** – Bag; **BX** – Box; **C** – Can; **CB** – Carboy; **CYL** – Cylinder; **FD** – Fiber Drum; **GB** – Glass Bottle; **PB** – Plastic Bottle; **PD** – Plastic/Nonmetallic Drum; **SD** – Steel Drum; **S** – Silo; **RC** – Rail Car; **TB** – Tote Bin; **TW** – Tank Wagon; **UST** – Underground Tank; **O** – Other

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☒ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☒ No | If EPCRA, please sign here:

3 Business Name: Joes Company | Business Address: 1212 Main Street, Berkeley, CA 94704 | 200 Add ☒ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily	Largest Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
A1	Propane	☒ Same as first column -------- -------- -------- --------	74-98-6 --- --- --- ---	☐ Yes ☒ No	FG	☐ solid ☐ liquid ☒ gas --- ☒ pure ☐ mixture --- ☐ radioactive	500	250 222 Days on site: ☒ 365	250 223 Storage Container: CYL	☐ lbs ☐ gal ☒ cu. ft. ☐ μ curie ☐ other _____	☒ Fire ☒ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☒ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
B2	Motor Oil, SAE 30	☐ Same as first column Petroleum Hydrocarbons 100% -------- -------- -------- --------	N/A --- --- --- ---	☐ Yes ☒ No SC 8/16/11	CL	☐ solid ☒ liquid ☐ gas --- ☒ pure ☐ mixture --- ☐ radioactive	1,000	500 222 Days on site: ☒ 365	500 223 Storage Container: AGT	☐ lbs ☒ gal ☐ cu. ft. ☐ μ curie ☐ other _____	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
A3	Lead Acid Batteries	☐ Same as first column Sulfuric Acid 80% -------- Water 20% -------- -------- --------	7664-93-9 --- --- --- ---	☐ Yes ☒ No SC 8/16/11	WR1 COR	☒ solid ☐ liquid ☐ gas --- ☐ pure ☒ mixture --- ☐ radioactive	525	245 222 Days on site: ☒ 365	35 223 Storage Container: BX	☒ lbs ☐ gal ☐ cu. ft. ☐ μ curie ☐ other _____	☐ Fire ☐ Pressure ☒ Reactive Health: ☒ Acute ☒ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
B2	Antifreeze	☐ Same as first column Ethylene Glycol 50% -------- Water 50% -------- -------- --------	107-21-1 --- --- --- ---	SC 8/16/11 ☐ Yes ☒ No	TX	☐ solid ☒ liquid ☐ gas --- ☐ pure ☒ mixture --- ☐ radioactive	55	27 222 Days on site: ☒ 365	55 223 Storage Container: SD	☐ lbs ☒ gal ☐ cu. ft. ☐ μ curie ☐ other _____	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☒ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

210 Hazard Classes: **CAR** – Carcinogens; **CL** – Combustible Liquid ; **COR** – Corrosive; **CRY** – Cryogenic; **EX** – Explosive; **FG** – Flammable Gas; **FL** – Flammable Liquid; **FS** – Flammable Solid; **HT** – Highly Toxic; **IRR** – Irritant; **MISC** – Miscellaneous Hazardous Materials; **NFG** – Nonflammable Gas; **OP** – Organic Peroxide; **OX** – Oxydizer; **PYRO** – Pyrophoric; **SENS** – Sensitizer; **TX** – Toxic; **UR** – Unstable/Reactive; **WR** – Water Reactive

223 Storage Container Codes: **AGT** – Above Ground Tank; **B** – Bag; **BX** – Box; **C** – Can; **CB** – Carboy; **CYL** – Cylinder; **FD** – Fiber Drum; **GB** – Glass Bottle; **PB** – Plastic Bottle; **PD** – Plastic/Nonmetallic Drum; **SD** – Steel Drum; **S** – Silo; **RC** – Rail Car; **TB** – Tote Bin; **TW** – Tank Wagon; **UST** – Underground Tank; **O** – Other

CITY OF BERKELEY, TOXICS MANAGEMENT DIVISION
HAZARDOUS MATERIALS UNIFIED PROGRAM CONSOLIDATED FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
US SMOG & GAS

CHEMICAL LOCATION 201
3000 SHATTUCK AVE Berkely 94705

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES ☒ NO

FACILITY ID # 1

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
GASOLINE

TRADE SECRET ☐ Yes ☒ No 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Reg Unleaded gasoline (87 octane

EHS* ☐ Yes ☒ No 208

CAS# 209
8006-61-9

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquid class 3

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 20,000 215

FED HAZARD CATEGORIES (Check all that apply) 216
☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
4500	17500 (SR)	-0-	

UNITS* (Check one item only) 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222
365

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	100% 226	Gasoline 227	☐ Yes ☒ No 228	86290-81-5 229
2	1-4% 230	Benzene 231	☐ Yes ☒ No 232	71-43-2 233
3	1-3% 234	Ethyl Benzene 235	☐ Yes ☒ No 236	100-41-4 237
4	1-2% 238	Naphalene 239	☐ Yes ☒ No 240	91-20-3 241
5	Ethanol 242	Ethanol 243	☐ Yes ☒ No 244	64-17-5 245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246
-0-

If EPCRA, Please Sign Here

Hazardous Materials Inventory - Chemical Description

You must complete a separate Hazardous Materials Inventory - Chemical Description page for each hazardous material (hazardous substances and hazardous waste) that you handle at your facility in aggregate quantities equal to or greater than 500 pounds, 55 gallons, 200 cubic feet of gas (calculated at standard temperature and pressure) or the federal threshold planning quantity for Extremely Hazardous Substances, whichever is less. Also complete a page for each radioactive material handled over quantities for which an emergency plan is required to be adopted pursuant to 10 CFR Parts 30, 40, or 70. The completed inventory should reflect all reportable quantities of hazardous materials at your facility, reported **separately** for each building or outside adjacent area, with **separate** pages for unique occurrences of physical state, storage temperature and storage pressure. (Note: the numbering of the instructions follows the data element numbers that are on the Unified Program Consolidated Form (UPCF) pages. These data element numbers are used for electronic submission and are the same as the numbering used in Division 3, Electronic Submittal of Information.) Please number all pages of your submittal. This helps your CUPA or AA identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - This number is assigned by the CUPA or AA. This is the unique number which identifies your facility.
3. BUSINESS NAME - Enter the full legal name of the business.
200. ADD/DELETE/ REVISE - Indicate if the material is being added to the inventory, deleted from the inventory, or if the information previously submitted is being revised. NOTE: You may choose to leave this blank if you resubmit your entire inventory annually.
201. CHEMICAL LOCATION - Enter the building or outside/ adjacent area where the hazardous material is handled. A chemical that is stored at the same pressure and temperature, in multiple locations within a building, can be reported on a single page. NOTE: This information is not subject to public disclosure pursuant to HSC §25506.
202. CHEMICAL LOCATION CONFIDENTIAL - EPCRA - All businesses which are subject to the Emergency Planning and Community Right to Know Act (EPCRA) must check "Yes" to keep chemical location information confidential. If the business does not wish to keep chemical location information confidential check "No".
203. MAP NUMBER - If a map is included, enter the number of the map on which the location of the hazardous material is shown.
204. GRID NUMBER - If grid coordinates are used, enter the grid coordinates of the map that correspond to the location of the hazardous material. If applicable, multiple grid coordinates can be listed.
205. CHEMICAL NAME - Enter the proper chemical name associated with the Chemical Abstract Service (CAS) number of the hazardous material. This should be the International Union of Pure and Applied Chemistry (IUPAC) name found on the Material Safety Data Sheet (MSDS). NOTE: If the chemical is a mixture, do not complete this field; complete the ACOMMON NAME" field instead.
206. TRADE SECRET - Check "Yes" if the information in this section is declared a trade secret, or "No" if it is not.
State requirement: If yes, and business is not subject to EPCRA, disclosure of the designated trade secret information is bound by HSC §25511.
Federal requirement: If yes, and business is subject to EPCRA, disclosure of the designated Trade Secret information is bound by 40 CFR and the business must submit a "Substantiation to Accompany Claims of Trade Secrecy" form (40 CFR 350.27) to USEPA.
207. COMMON NAME - Enter the common name or trade name of the hazardous material or mixture containing a hazardous material.
208. EHS - Check "Yes" if the hazardous material is an Extremely Hazardous Substance (EHS), as defined in 40 CFR, Part 355, Appendix A. If the material is a mixture containing an EHS, leave this section blank and complete the section on hazardous components below.
209. CAS # - Enter the Chemical Abstract Service (CAS) number for the hazardous material. For mixtures, enter the CAS number of the mixture if it has been assigned a number distinct from its components. If the mixture has no CAS number, leave this column blank and report the CAS numbers of the individual hazardous components in the appropriate section below.
210. FIRE CODE HAZARD CLASSES - Fire Code Hazard Classes describe to first responders the type and level of hazardous materials which a business handles. This information shall only be provided if the local fire chief deems it necessary and requests the CUPA or AA to collect it. A list of the hazard classes and instructions on how to determine which class a material falls under are included in the appendices of Article 80 of the Uniform Fire Code. If a material has more than one applicable hazard class, include all. Contact CUPA or AA for guidance.
211. HAZARDOUS MATERIAL TYPE - Check the one box that best describes the type of hazardous material: pure, mixture or waste. If waste material, check only that box. If mixture or waste, complete hazardous components section.
212. RADIOACTIVE - Check "Yes" if the hazardous material is radioactive or "No" if it is not.
213. CURIES - If the hazardous material is radioactive, use this area to report the activity in curies. You may use up to nine digits with a floating decimal point to report activity in curies.
214. PHYSICAL STATE - Check the one box that best describes the state in which the hazardous material is handled: solid, liquid or gas.
215. LARGEST CONTAINER - Enter the total capacity of the largest container in which the material is stored.
216. FEDERAL HAZARD CATEGORIES - Check all categories that describe the physical and health hazards associated with the hazardous material.

PHYSICAL HAZARDS	HEALTH HAZARDS
Fire: Flammable Liquids and Solids, Combustible Liquids, Pyrophorics, Oxidizers	**Acute Health (Immediate):** Highly Toxic, Toxic, Irritants, Sensitizers, Corrosives, other hazardous chemicals with an adverse effect with short term exposure
Reactive: Unstable Reactive, Organic Peroxides, Water Reactive, Radioactive	
Pressure Release: Explosives, Compressed Gases, Blasting Agents	**Chronic Health (Delayed):** Carcinogens, other hazardous chemicals with an adverse effect with long term exposure

217. AVERAGE DAILY AMOUNT - Calculate the average daily amount of the hazardous material or mixture containing a hazardous material, in each building or adjacent/ outside area. Calculations shall be based on the previous year's inventory of material reported on this page. Total all daily amounts and divide by the number of days the chemical will be on site. If this is a material that has not previously been present at this location, the amount shall be the average daily amount you project to be on hand during the course of the year. This amount should be consistent with the units reported in box 221 and should not exceed that of maximum daily amount.
218. MAXIMUM DAILY AMOUNT - Enter the maximum amount of each hazardous material or mixture containing a hazardous material, which is handled in a building or adjacent/outside area at any one time over the course of the year. This amount must contain at a minimum last year's inventory of the material reported on this page, with the reflection of additions, deletions, or revisions projected for the current year. This amount should be consistent with the units reported in box 221.
219. ANNUAL WASTE AMOUNT - If the hazardous material being inventoried is a waste, provide an estimate of the annual amount handled.
220. STATE WASTE CODE - If the hazardous material is a waste, enter the appropriate California 3-digit hazardous waste code as listed on the back of the Uniform Hazardous Waste Manifest.
221. UNITS - Check the unit of measure that is most appropriate for the material being reported on this page: gallons, pounds, cubic feet or tons. NOTE: If the material is a federally defined Extremely Hazardous Substance (EHS), all amounts must be reported in pounds. If material is a mixture containing an EHS, report the units that the material is stored in (gallons, pounds, cubic feet, or tons).
222. DAYS ON SITE - List the total number of days during the year that the material is on site.
223. STORAGE CONTAINER - Check all boxes that describe the type of storage containers in which the hazardous material is stored. NOTE: If appropriate, you may choose more than one.
224. STORAGE PRESSURE - Check the one box that best describes the pressure at which the hazardous material is stored.
225. STORAGE TEMPERATURE - Check the one box that best describes the temperature at which the hazardous material is stored.
226. HAZARDOUS COMPONENTS 1-5 (% BY WEIGHT) - Enter the percentage weight of the hazardous component in a mixture. If a range of percentages is available, report the highest percentage in that range. (Report for components 2 through 5 in 230, 234, 238, and 242.)
227. HAZARDOUS COMPONENTS 1-5 NAME - When reporting a hazardous material that is a mixture, list up to five chemical names of hazardous components in that mixture by percent weight (refer to MSDS or, in the case of trade secrets, refer to manufacturer). All hazardous components in the mixture present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, should be reported. If more than five hazardous components are present above these percentages, you may attach an additional sheet of paper to capture the required information. When reporting waste mixtures, mineral and chemical composition should be listed. (Report for components 2 through 5 in 231, 235, 239, and 243.)
228. HAZARDOUS COMPONENTS 1-5 EHS - Check "Yes" if the component of the mixture is considered an Extremely Hazardous Substance as defined in 40 CFR, Part 355, or "No" if it is not. (Report for components 2 through 5 in 232, 236, 240, and 244.)
229. HAZARDOUS COMPONENTS 1-5 CAS - List the Chemical Abstract Service (CAS) numbers as related to the hazardous components in the mixture. (Repeat for 2-5.)
246. LOCALLY COLLECTED INFORMATION - This space may be used by the CUPA or AA to collect any additional information necessary to meet the requirements of their individual programs. Contact the CUPA or AA for guidance.

CITY OF BERKELEY, TOXICS MANAGEMENT DIVISION
HAZARDOUS MATERIALS UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

US SMOG & GAS

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
US Smog & Gas

CHEMICAL LOCATION 201
3050 Shattuck Ave Berkeley

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES ☐ NO

FACILITY ID # 1

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Supreme Unleaded Gasoline (91 octane)

TRADE SECRET ☐ Yes ☒ No 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Super Gasoline (91 octane

EHS* ☐ Yes ☒ No 208

CAS# 209
86006-61-9

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flamable Liquid class 3

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☒ No 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
300	6500 SIC		

UNITS* (Check one item only) ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 365 222

STORAGE CONTAINER
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON 223

STORAGE PRESSURE ☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)		EHS		CAS #	
1	100% 226	Gasoline	227	☐ Yes ☒ No	228	86290-81-5	229
2	1-4.9% 230	Benzene	231	☐ Yes ☒ No	232	71-43-2	233
3	1-3% 234	Ethyl Benzene	235	☐ Yes ☒ No	236	100-41-4	237
4	1-2% 238	Naphalene	239	☐ Yes ☒ No	240	91-20-3	241
5	0-10% 242	Ethanol	243	☐ Yes ☒ No	244	64-17-5	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

Hazardous Materials Inventory - Chemical Description

You must complete a separate Hazardous Materials Inventory - Chemical Description page for each hazardous material (hazardous substances and hazardous waste) that you handle at your facility in aggregate quantities equal to or greater than 500 pounds, 55 gallons, 200 cubic feet of gas (calculated at standard temperature and pressure) or the federal threshold planning quantity for Extremely Hazardous Substances, whichever is less. Also complete a page for each radioactive material handled over quantities for which an emergency plan is required to be adopted pursuant to 10 CFR Parts 30, 40, or 70. The completed inventory should reflect all reportable quantities of hazardous materials at your facility, reported **separately** for each building or outside adjacent area, with **separate** pages for unique occurrences of physical state, storage temperature and storage pressure. (Note: the numbering of the instructions follows the data element numbers that are on the Unified Program Consolidated Form (UPCF) pages. These data element numbers are used for electronic submission and are the same as the numbering used in Division 3, Electronic Submittal of Information.) Please number all pages of your submittal. This helps your CUPA or AA identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - This number is assigned by the CUPA or AA. This is the unique number which identifies your facility.
3. BUSINESS NAME - Enter the full legal name of the business.
200. ADD/DELETE/ REVISE - Indicate if the material is being added to the inventory, deleted from the inventory, or if the information previously submitted is being revised. NOTE: You may choose to leave this blank if you resubmit your entire inventory annually.
201. CHEMICAL LOCATION - Enter the building or outside/ adjacent area where the hazardous material is handled. A chemical that is stored at the same pressure and temperature, in multiple locations within a building, can be reported on a single page. NOTE: This information is not subject to public disclosure pursuant to HSC §25506.
202. CHEMICAL LOCATION CONFIDENTIAL - EPCRA - All businesses which are subject to the Emergency Planning and Community Right to Know Act (EPCRA) must check "Yes" to keep chemical location information confidential. If the business does not wish to keep chemical location information confidential check "No".
203. MAP NUMBER - If a map is included, enter the number of the map on which the location of the hazardous material is shown.
204. GRID NUMBER - If grid coordinates are used, enter the grid coordinates of the map that correspond to the location of the hazardous material. If applicable, multiple grid coordinates can be listed.
205. CHEMICAL NAME - Enter the proper chemical name associated with the Chemical Abstract Service (CAS) number of the hazardous material. This should be the International Union of Pure and Applied Chemistry (IUPAC) name found on the Material Safety Data Sheet (MSDS). NOTE: If the chemical is a mixture, do not complete this field; complete the ACOMMON NAME" field instead.
206. TRADE SECRET - Check "Yes" if the information in this section is declared a trade secret, or "No" if it is not.
State requirement: If yes, and business is not subject to EPCRA, disclosure of the designated trade secret information is bound by HSC §25511.
Federal requirement: If yes, and business is subject to EPCRA, disclosure of the designated Trade Secret information is bound by 40 CFR and the business must submit a "Substantiation to Accompany Claims of Trade Secrecy" form (40 CFR 350.27) to USEPA.
207. COMMON NAME - Enter the common name or trade name of the hazardous material or mixture containing a hazardous material.
208. EHS - Check "Yes" if the hazardous material is an Extremely Hazardous Substance (EHS), as defined in 40 CFR, Part 355, Appendix A. If the material is a mixture containing an EHS, leave this section blank and complete the section on hazardous components below.
209. CAS # - Enter the Chemical Abstract Service (CAS) number for the hazardous material. For mixtures, enter the CAS number of the mixture if it has been assigned a number distinct from its components. If the mixture has no CAS number, leave this column blank and report the CAS numbers of the individual hazardous components in the appropriate section below.
210. FIRE CODE HAZARD CLASSES - Fire Code Hazard Classes describe to first responders the type and level of hazardous materials which a business handles. This information shall only be provided if the local fire chief deems it necessary and requests the CUPA or AA to collect it. A list of the hazard classes and instructions on how to determine which class a material falls under are included in the appendices of Article 80 of the Uniform Fire Code. If a material has more than one applicable hazard class, include all. Contact CUPA or AA for guidance.
211. HAZARDOUS MATERIAL TYPE - Check the one box that best describes the type of hazardous material: pure, mixture or waste. If waste material, check only that box. If mixture or waste, complete hazardous components section.
212. RADIOACTIVE - Check "Yes" if the hazardous material is radioactive or "No" if it is not.
213. CURIES - If the hazardous material is radioactive, use this area to report the activity in curies. You may use up to nine digits with a floating decimal point to report activity in curies.
214. PHYSICAL STATE - Check the one box that best describes the state in which the hazardous material is handled: solid, liquid or gas.
215. LARGEST CONTAINER - Enter the total capacity of the largest container in which the material is stored.
216. FEDERAL HAZARD CATEGORIES - Check all categories that describe the physical and health hazards associated with the hazardous material.

PHYSICAL HAZARDS	HEALTH HAZARDS
Fire: Flammable Liquids and Solids, Combustible Liquids, Pyrophorics, Oxidizers	**Acute Health (Immediate):** Highly Toxic, Toxic, Irritants, Sensitizers, Corrosives, other hazardous chemicals with an adverse effect with short term exposure
Reactive: Unstable Reactive, Organic Peroxides, Water Reactive, Radioactive	
Pressure Release: Explosives, Compressed Gases, Blasting Agents	**Chronic Health (Delayed):** Carcinogens, other hazardous chemicals with an adverse effect with long term exposure

217. AVERAGE DAILY AMOUNT - Calculate the average daily amount of the hazardous material or mixture containing a hazardous material, in each building or adjacent/ outside area. Calculations shall be based on the previous year's inventory of material reported on this page. Total all daily amounts and divide by the number of days the chemical will be on site. If this is a material that has not previously been present at this location, the amount shall be the average daily amount you project to be on hand during the course of the year. This amount should be consistent with the units reported in box 221 and should not exceed that of maximum daily amount.
218. MAXIMUM DAILY AMOUNT - Enter the maximum amount of each hazardous material or mixture containing a hazardous material, which is handled in a building or adjacent/outside area at any one time over the course of the year. This amount must contain at a minimum last year's inventory of the material reported on this page, with the reflection of additions, deletions, or revisions projected for the current year. This amount should be consistent with the units reported in box 221.
219. ANNUAL WASTE AMOUNT - If the hazardous material being inventoried is a waste, provide an estimate of the annual amount handled.
220. STATE WASTE CODE - If the hazardous material is a waste, enter the appropriate California 3-digit hazardous waste code as listed on the back of the Uniform Hazardous Waste Manifest.
221. UNITS - Check the unit of measure that is most appropriate for the material being reported on this page: gallons, pounds, cubic feet or tons. NOTE: If the material is a federally defined Extremely Hazardous Substance (EHS), all amounts must be reported in pounds. If material is a mixture containing an EHS, report the units that the material is stored in (gallons, pounds, cubic feet, or tons).
222. DAYS ON SITE - List the total number of days during the year that the material is on site.
223. STORAGE CONTAINER - Check all boxes that describe the type of storage containers in which the hazardous material is stored. NOTE: If appropriate, you may choose more than one.
224. STORAGE PRESSURE - Check the one box that best describes the pressure at which the hazardous material is stored.
225. STORAGE TEMPERATURE - Check the one box that best describes the temperature at which the hazardous material is stored.
226. HAZARDOUS COMPONENTS 1-5 (% BY WEIGHT) - Enter the percentage weight of the hazardous component in a mixture. If a range of percentages is available, report the highest percentage in that range. (Report for components 2 through 5 in 230, 234, 238, and 242.)
227. HAZARDOUS COMPONENTS 1-5 NAME - When reporting a hazardous material that is a mixture, list up to five chemical names of hazardous components in that mixture by percent weight (refer to MSDS or, in the case of trade secrets, refer to manufacturer). All hazardous components in the mixture present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, should be reported. If more than five hazardous components are present above these percentages, you may attach an additional sheet of paper to capture the required information. When reporting waste mixtures, mineral and chemical composition should be listed. (Report for components 2 through 5 in 231, 235, 239, and 243.)
228. HAZARDOUS COMPONENTS 1-5 EHS - Check "Yes" if the component of the mixture is considered an Extremely Hazardous Substance as defined in 40 CFR, Part 355, or "No" if it is not. (Report for components 2 through 5 in 232, 236, 240, and 244.)
229. HAZARDOUS COMPONENTS 1-5 CAS - List the Chemical Abstract Service (CAS) numbers as related to the hazardous components in the mixture. (Repeat for 2-5.)
246. LOCALLY COLLECTED INFORMATION - This space may be used by the CUPA or AA to collect any additional information necessary to meet the requirements of their individual programs. Contact the CUPA or AA for guidance.

UNIVERSAL WASTE GENERATOR REPORTING FORM

Facility Name: _____

Facility Address: _____

Reporting Period: calendar year 2010 (January 1 through December 31, 2010)

Report all quantities of the following Universal Wastes (UWs):	**Annual UW Generation** (in pounds)
1. Electronic devices (e.g. cell phones, televisions, VCRs, computer CPUs, portable DVD players)	None
2. Batteries (all batteries except auto, including AAA, AA, A, C, D, 9-volt, silver button cell, alkaline, nickel-cadmium, rechargeable)	None
3. Mercury-containing equipment (e.g. dental amalgam, mercury switches, mercury-added novelties, counterweights, thermostats)	None
4. Electric lamps (fluorescent tubes and bulbs, high-intensity discharge lamps, sodium vapor lamps)	None
Fluorescent tubes and bulbs [report in linear feet]	None
5. CRTs [cathode ray tubes] (glass picture tubes removed from televisions, monitors)	None
6. CRT glass (cathode ray tube, broken or processed for recycling)	None
7. Non-empty aerosol cans	None
8. Other	
Annual Throughput - Total Pounds:	
Annual Throughput - Total Linear Feet:	

Universal wastes represent a serious potential health hazard due to significant amounts of arsenic, beryllium, cadmium, copper, lead, mercury, nickel, zinc and other materials.

For detailed requirements on Universal Waste handling and management requirements please refer to the California Department of Toxics Substances Control (DTSC) website at:

http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/upload/UW_Factsheet1.pdf

Universal Wastes may not be disposed of in the trash!

Emergency Response Plan/Contingency Plan

The following items are elements of a comprehensive emergency response plan/contingency plan that meets state requirements. If your facility has a written plan, or if you are to prepare one, make sure all the elements listed are covered by your plan. Small facilities with simple operations may complete the boxes below to be in compliance with the written emergency plan requirement. Please submit a copy of your written response plan or complete and submit this form.

I. Facility Information

Facility Name: US SMOG & GAS	Phone: 510-704-0500
Address: 3000 SHATTUCK AVE	
City: Berkeley CA 94705	Zip: 94705

II. Emergency Coordinators

Primary Coordinator	Secondary Coordinator
Name: SHAHZADA KHAN	Name: [redacted]
Title: OWNER	Title:
Work Phone: 510-704-0500	Work Phon
After hours Phone: 510-978-2457	After hours
Pager:	Pager:

III. Emergency Telephone Numbers and Arrangements

The emergency coordinator shall immediately notify the following whenever a release, fire, or explosion threatens human health or the environment:

Agency	Phone
Fire Department	911
California Emergency Management Agency	(916) 845-8911
City of Berkeley Toxics Management Division	(510) 981-7460 or 911
Hospital/Medical Center (if injuries)	ALTA BATES ON Ashby & Telegr
EBMUD Waste Water Treatment Facility (if to sewer)	(510) 287-1651
Hazardous Waste Contractor (if clean up needed)	
Bay Area Air Quality Management District	(800) 334-6367
Other agencies:	

Arrangements: (Please check one box)

- ☐ We have no formalized written agreements with any emergency response agency or contractor.
- ☐ We have formalized written agreements with _____
  Telephone: _____ for emergency response.

IV. Earthquake Response

Identify the areas and/or mechanical equipment or other systems that could require immediate inspection or isolation because of their vulnerability to earthquake related ground motion.

Areas/equipment identified to be inspected immediately after an earthquake:	PUMPS, TURBINS

V. Emergency Equipment Inventory Table

EQUIPMENT CATEGORY	✓ if these are provided	Equipment	Location*	Description**
Personal Protective Equipment, Safety Equipment, First Aid Equipment		Chemical Protective Boots		
		Chemical Protective Gloves		
	✓	Safety Glasses/Goggles/Face shields	Tool Box	
		Chemical Protective Clothing		
		Hard Hats		
		Chemical Monitoring Equipment (describe)		
	✓	First Aid Kits	OFFICE & SHOP	
	✓	Eye Wash Stations	BATHROOM	
		Safety Showers		
		Cartridge Respirators and Cartridges (describe)		
		Self-Contained Breathing Apparatus (SCBA)		
		Other (describe)	OFFICE & SHOP	
Fire Extinguishing Systems	✓	Fire Extinguishers		
		Automatic Fire Systems		
		Fire Alarm Boxes	SHOP	
Spill Control Equipment, Decontamination Equipment	✓	Absorbents, Neutralizers (describe)		
		Shovels/Brooms/Squeegees		
		Overpack drum/Spill drum		
		Berms/Dikes (describe)		
		Decontamination Equipment (describe)		
		Gas cylinder leak repair kits (describe)		
		Other (describe)	OFFICE & SHOP	
Communications and Alarm Systems	✓	Telephones		
		Intercoms/PA systems		
		Portable 2 way radios		
	✓	UST leak detection monitors	STORAGE ROOM	
		Chemical alarms (describe)		
Additional Equipment (Use additional pages if needed)				

* If appropriate, use the location code(s) from your Hazardous Materials Business Plan.

** Describe the equipment, such as type and quantity, and its capabilities. If applicable, specify any testing/maintenance procedures/intervals.

VI. Evacuation Information:

Evacuation Announcement	☐ Bell ☐ PA System Other _____ ☐ Horn ☑ Shouting
Evacuation Route	☐ Map Other OUT FROM SHOP DOORS & OFFICE
Assembly Area	Location: ACROSS THE STREET AT ENTERPRISE
Re-entry Procedures	ONE PERSON CHECK TO MAKE SURE, IT IS SAFE TO ENTER

VII. Emergency Procedures:

Emergency Coordinator Responsibilities:

1. Whenever there is an imminent or actual emergency situation such as a explosion, fire, or release, the emergency coordinator *(or his/her designee when the emergency coordinator is on call)* shall:
   a. Identify the character, exact source, amount, and aerial extent of any released hazardous materials.
   b. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects *(e.g. the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.)*.
   c. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
   d. Notify appropriate local authorities *(i.e., call 911)*.
   e. Notify the State Office of Emergency Services at 1-800-852-7550.
   f. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
   g. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.

2. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
   a. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from a explosion, fire, or release at the facility.
   b. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
   c. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
   d. Notify the Cal/EPA's Department of Toxic Substances Control and the City of Berkeley Toxics Management Division that the facility is in compliance with requirements 2-a and 2-b, above.

Special site specific procedures:

Emergency	Response Action
Hazardous Material & Hazardous Waste Spills/Releases:	MAJOR RELEASE → CALL 911 SMALL RELEASE → CONTAIN WITH ABSORBENT
Fire	SMALL FIRE → USE EXTINGISHER, OTHERWISE CALL 911 & SHUTT OFF EMERGENCY PUMP SWITCH & VACATE STORE
Explosion	& SHOUT OUTSIDE WHERE CUSTOMERS ARE PUMPING GAS → CALL 911
Earthquake	CHECK DISPENSERS, UST pipes & Gasoline Hoses
Other	

Employee Training Plan

1. Scope

This plan is designed to provide employees with training on hazardous materials and hazardous waste that will satisfy the requirements of the California Health and Safety Code Chapter 6.95 and Chapter 6.5.

Facility Name:	U S SMOG & GAS
Address:	3000 SHATTUCK AVE Berkeley CA 94705
Main Activity:	GASOLINE
Building or Areas where hazardous materials/wastes are found:	

2. Responsibilities

The following persons are responsible for ensuring that this Training Plan is implemented:

Name/Title	Training Responsibility
SHAHZADA KHAN	(1) Hazard communication Training (2) Emergency
SHAHZADA KHAN	Response Procedure (3) Notifications & clean up

3. Employees/New Employees

New employees are trained during orientation, before starting on a job? ☒ YES ☐ NO

New employees who handle hazardous waste are trained in hazardous waste management within six months of hire date? ☒ YES ☐ NO

4. New Assignments or Changes in Operations

In the event of new assignments or of changes in operation, affected employees are trained before the new assignment or the change in operation takes place. ☒ YES ☐ NO

5. Refresher Training

Refresher training will be provided Every 6 months (how often). The method used will be: *(check all that apply)*

- ☐ Outside classes
- ☐ In-house classes provided by contractor
- ☒ Safety meetings
- ☐ In-house classes conducted by in-house trainers

6. Training Topics

The following table indicates the training topics covered for this facility, as indicated with a ☑. Other documentation on these training topics is maintained and are available to the inspector upon request.

All employees are trained to do the following procedures, as appropriate:	
☑	1. Initiate, activate, or recognize internal alarms and other emergency announcements.
☑	2. Notify internal or on-site emergency responders listed in the emergency response/contingency plan.
☑	3. Notify agencies listed in the emergency/contingency plan.
☑	4. Locate and review contents of written emergency response/contingency plan.
☑	5. Initiate, conduct, or follow evacuation procedures as described in the emergency response/contingency plan.
Hazardous materials/waste handlers are additionally trained in the following subjects:	
☑	1. Safe methods for handling and storage of hazardous materials and hazardous waste.
☑	2. Locations and proper use of personal protective equipment.
☑	3. Locations and proper use of fire and spill control equipment.
☑	4. Specific hazards of each chemical or waste to which they may be exposed, including the pathways of exposure (i.e. skin absorption, inhalation, ingestion).
☑	5. Follow emergency procedures for chemical/waste spills, earthquake, fire, and/or medical emergencies as described in the emergency response/contingency plan.
☑	6. Hazardous waste handlers/managers are also trained in all aspects of hazardous waste management specific to their job duties (e.g. accumulation time, storage period, labels, inspection of containers and storage areas, uniform hazardous waste manifests, etc.)

7. Emergency Response Team

This facility has a formally organized Emergency Response Team. ☑ YES ☐ NO

Emergency Response Team members are additionally trained for the following activities:	
☑	1. Personnel rescue procedures.
☑	2. Shutdown of operations.
☑	3. Liaison with emergency response agencies.
☑	4. Use, maintenance, and replacement of emergency response equipment.
☑	5. Emergency response drills are conducted, at least *(specify frequency)* [2] times a year.
☑	6. Refresher training is provided, at least annually.

8. Recordkeeping

Employee training and other records are maintained at the facility. These include the following:

☑	1. Record of training for each employee (date and duration of training, subject matter covered, instructor, etc.).
☑	2. Training records of current and former employees. (For current employees, records are to be retained until closure of the facility. For former employees, training records are to be retained for at least 3 years after termination of employment.
☑	3. Description of introductory and continuing training programs for each employee classification.
☑	4. Current emergency response, contingency, and/or spill response plan (for underground or aboveground tanks).
☑	5. Description and documentation of emergency response drills.
☑	6. Record of reportable/recordable accidental releases of hazardous material/waste.
☑	7. Record of inspections of hazardous material/waste storage areas.
☑	8. Record of daily inspection of hazardous waste tanks.
☑	9. Inspection procedures for identified earthquake-sensitive areas and systems in the facility.

Note: *The above list does not necessarily include every type of record required to be maintained by your facility.*

Training records are maintained in the following location: BACK OFFICE.

BOE-531-G (FRONT) REV. 22 (1-11)

SCHEDULE G
FUEL SELLER'S SUPPLEMENT TO SALES AND USE TAX RETURN

STATE OF CALIFORNIA
BOARD OF EQUALIZATION

DUE ON OR BEFORE Apr 30, 2011 for Jan through Mar 2011

[FOID 35-825-449] 2

2111

PLEASE READ INSTRUCTIONS BEFORE PREPARING THIS SCHEDULE

SR CH YOUR ACCOUNT NO. 21-800628 -

SHAHZADA KHAN

THIS SCHEDULE MUST BE COMPLETED BY ALL SELLERS OF FUEL SUBJECT TO PREPAYMENT OF RETAIL SALES TAX

G1. STATE, COUNTY, LOCAL AND DISTRICT TAX *(enter amount from line 19 of the BOE-401-GS Sales and Use Tax Return)* $ 46179 .00

CREDIT FOR SALES TAX PREPAID TO FUEL SUPPLIERS

Enter the appropriate information below by supplier. Attach additional sheets if needed, and enter the totals below *(see instructions G2)*.

SUPPLIER		MOTOR VEHICLE FUEL (GASOLINE) *(5.5 cents per gallon)		DIESEL AND OTHER QUALIFYING FUELS *(see instructions)* *(16 cents per gallon)		AIRCRAFT JET FUEL *(12 cents per gallon)	
(a) Name	(b) SG Account Number	(c) Gallons Purchased	(d) Sales Tax Paid	(e) Gallons Purchased	(f) Sales Tax Paid	(g) Gallons Purchased	(h) Sales Tax Paid
COAST OIL		381502	$ 20982.61		$		$
G2. TOTAL COLUMNS (d), (f) and (h)		gal.	20983 .00	gal.	.00	gal.	.00

G3. TOTAL SALES TAX PAID *(add the totals from line G2, columns (d), (f), and (h))* ..... $ 20983 .00

G4. CREDIT FOR TAX PAID TO OTHER STATES *(see instruction G4)* ..... $ .00

G5. TOTAL CREDITS *(Add lines G3 and G4. Enter here and on line 20 of your BOE-401-GS Sales and Use Tax Return.)* $ 20983 .00

***NOTE: Rates specified are subject to change. This schedule should only be used for the designated period.**

BE SURE TO ENCLOSE THIS SCHEDULE WITH YOUR BOE-401-GS SALES AND USE TAX RETURN. MAKE A COPY FOR YOUR RECORDS.

P - 65

BOE-531-A1 (S1F) REV. 8 (10-10)

STATE OF CALIFORNIA
BOARD OF EQUALIZATION

SCHEDULE A1 - COMPUTATION SCHEDULE FOR DISTRICT TAX - Short Form

DUE ON OR BEFORE Apr 30, 2011 for Jan through Mar 2011 | 2111

[FOID 35-825-449] 2

SR CH | YOUR ACCOUNT NO. 21-800628 -

62

POS E

SHAHZADA KHAN

NOTE: IF YOU NEED TO MAKE ANY ADJUSTMENTS TO ANY OF THE DISTRICT TAX AREAS, YOU CANNOT USE THIS FORM. TO OBTAIN A COPY OF BOE-531-A2, SCHEDULE A2 - LONG FORM, GO TO *WWW.BOE.CA.GOV* OR CALL OUR TAXPAYER INFORMATION SECTION AT 800-400-7115.

A1	ENTER amount from line 16 on the front of your *Sales and Use Tax Return*		$ 1,226,337 .00
A2/A3	ENTER sales delivered to any location not in a district area	000	- .00
A4	SUBTRACT line A2/A3 from line A1 *(Allocate this amount to the correct district tax areas in column A5.)*		$ 1,226,337 .00

PLEASE READ THE INSTRUCTIONS ON PAGE 3 BEFORE COMPLETING THIS SCHEDULE

DISTRICT TAX AREAS		A5 ALLOCATE LINE A4 TO CORRECT DISTRICT(S)	TAX RATE	DISTRICT TAX DUE
ALAMEDA CO.	087	1226337	015	18395 .00
AMADOR CO. (Eff. 4-1-09)	194		005	.00
COLUSA CO.				
City of Williams (Eff. 4-1-07)	139		005	.00
CONTRA COSTA CO.	025		01	.00
City of Richmond	096		015	.00
City of Pinole (Eff. 4-1-07)	141		015	.00
City of El Cerrito (Eff. 7-1-08)	175		015	.00
EL DORADO CO.				
City of Placerville	070		0125	.00
City of So. Lake Tahoe	097		005	.00
FRESNO CO.	099		00725	.00
City of Selma (Eff. 4-1-06)	169		01225	.00
City of Reedley (Eff. 7-1-08)	177		01225	.00
City of Sanger (Eff. 7-1-08)	179		01475	.00
HUMBOLDT CO.				
City of Arcata (Eff. 4-1-09)	195		0075	.00
City of Trinidad (Eff. 4-1-09)	196		0075	.00
City of Eureka (Eff. 4-1-09)	197		0025	.00
IMPERIAL CO.	029		005	.00
City of Calexico (Eff. 10-1-10)	230		01	.00
INYO CO.	014		005	.00
KERN CO.				
City of Arvin (Eff. 4-1-09)	198		01	.00
City of Delano (Eff. 4-1-09)	170		01	.00
		SUBTOTAL (1)	$	18395 .00

DISTRICT TAX AREAS		A5 ALLOCATE LINE A4 TO CORRECT DISTRICT(S)	TAX RATE	DISTRICT TAX DUE
LAKE CO.				
City of Clearlake	058		005	.00
City of Lakeport	101		005	.00
LOS ANGELES CO. (Eff. 7-1-09)	218		015	.00
City of Avalon (Eff. 7-1-09)	219		02	.00
City of Inglewood (Eff. 7-1-09)	220		02	.00
City of South Gate (Eff. 7-1-09)	221		025	.00
City of El Monte (Eff. 7-1-09)	222		02	.00
City of Pico Rivera (Eff. 7-1-09)	223		025	.00
MADERA CO. (Eff. 4-1-07)	144		005	.00
MARIN CO. (Eff. 4-1-09)	191		0075	.00
City of San Rafael	192		0125	.00
MARIPOSA CO.	103		005	.00
MENDOCINO CO.				
City of Willits	084		005	.00
City of Point Arena	085		005	.00
City of Fort Bragg	094		005	.00
City of Ukiah	122		005	.00
MERCED CO.				
City of Los Banos	104		005	.00
City of Merced	127		005	.00
City of Gustine (Eff. 4-1-10)	224		005	.00
MONO CO.				
City of Mammoth Lakes (Eff. 10-1-08)	183		005	.00
		SUBTOTAL (2)	$	.00

Continued on page 2

SUBTOTAL DISTRICT TAX *(Page 1, add and enter the subtotals from (1) and (2) above.)*	18395 .00
SUBTOTAL DISTRICT TAX *(Page 2, add and enter the subtotals from (3) and (4) from page 2.)*	.00
TOTAL DISTRICT TAX *(Add Page 1 and Page 2 subtotals. Enter here and on line 18 on the front of your Sales and Use Tax Return.)*	$ 18395 .00

2B-d

BOE-401-GS (BACK) REV. 70 (7-10)

STATE OF CALIFORNIA
BOARD OF EQUALIZATION

STATE, LOCAL, and DISTRICT SALES and USE TAX RETURN

YOUR ACCOUNT NO.	REPORTING PERIOD
SR CH 21-800628	Apr 30, 2011 for Jan through Mar 2011

SECTION A. Full Deductions

		BOE USE	
4	SALES TO OTHER RETAILERS FOR PURPOSES OF RESALE	50	$ .00
5	NONTAXABLE SALES OF FOOD PRODUCTS	51	33584 .00
6	NONTAXABLE LABOR *(repair and installation)*	52	33838 .00
7	SALES TO THE UNITED STATES GOVERNMENT	53	.00
8	SALES IN INTERSTATE OR FOREIGN COMMERCE	54	.00
9	SALES TAX (if any) INCLUDED ON LINE 1	55	.00
10	OTHER *(clearly explain)* SMOG CERTIFICATES	90	3960 .00
TOTAL FULL DEDUCTIONS *(add lines 4 thru 10)*			$ 71382 .00 <

SECTION B. Tax Recovery Deductions/Adjustments

	COLUMN A ORIGINAL TRANSACTIONS PRIOR TO 4-1-09	COLUMN B TRANSACTIONS ON OR AFTER 4-1-09	COLUMN C TOTAL OF COLUMNS A AND B
1 BAD DEBT LOSSES ON TAXABLE SALES	$	$ 56	$ .00
2 BAD DEBT LENDER LOSSES		62	.00
3 COST OF TAX-PAID PURCHASES RESOLD PRIOR TO USE		57	.00
4 RETURNED TAXABLE MERCHANDISE		58	.00
5 CASH DISCOUNTS ON TAXABLE SALES		59	.00
TOTAL TAX RECOVERY DEDUCTIONS/ADJUSTMENTS *(add lines 1 thru 5)*	Box B1 $	$	$ .00 <
TAX RECOVERY ADJUSTMENT *(multiply Box B1 x .01, then enter here and on the front page, line 13b)*	Box 13b		

SECTION C. Partial State Tax Exemptions

	COLUMN A ORIGINAL TRANSACTIONS PRIOR TO 4-1-09	COLUMN B TRANSACTIONS ON OR AFTER 4-1-09	COLUMN C TOTAL OF COLUMNS A AND B
1 FARM EQUIPMENT SALES	$	$ 65	$ .00
2 DIESEL FUEL USED IN FARMING AND FOOD PROCESSING SALES		66	.00
3 TIMBER HARVESTING EQUIPMENT AND MACHINERY SALES		67	.00
TOTAL PARTIAL STATE TAX EXEMPTIONS 69 *(enter sum of lines 1 thru 3 for each column)*		60	.00
STATE TAX EXEMPTION FACTOR *(multiply Total Partial State Tax Exemptions by State Tax Exemption Factor for each column and enter totals below)*	.7600	.8928	
TOTAL ADJUSTED PARTIAL EXEMPTIONS *(add totals for each column and enter in box 61)*	$		Box 61 $ .00 <

SECTION D. Partial State Tax Exemption on Motor Vehicle Fuel (MVF)

	COLUMN A TOTAL TRANSACTIONS OF MVF ON OR AFTER 7-1-10	COLUMN B ADJUSTMENT FACTOR	COLUMN C PARTIAL STATE TAX EXEMPTION ON MVF
STATE TAX EXEMPTION for MVF transactions on or after 7-1-10 70 *(multiply total transactions in Column A by the adjustment factor in Column B and enter in box 71)*	$ 1,223,143	71 .85714	Box 71 $ 1,048,405 .00 <

11 **TOTAL NONTAXABLE TRANSACTIONS** *(add amounts for Sections A, B, C, and D as referenced by the "<", then enter here and on the front page, line 11)*	$ 1119787 .00

1,119,787

99 'd

BOE-401-GS (FRONT) (SEP 70 (7-10))

1515 CLAY STREET, SUITE 303
OAKLAND CA 94612-1441

510-622-4100

STATE OF CALIFORNIA
BOARD OF EQUALIZATION

STATE, LOCAL, and DISTRICT SALES and USE TAX RETURN

b1/866 I C

[FOID 35-825-449] 2

SR CH

YOUR ACCOUNT NO. 21-000020

Mail To:
62 EFT
BOARD OF EQUALIZATION
P.O.BOX 942879
SACRAMENTO CA 94279-8020

SHAHZADA KHAN
3000 SHATTUCK AVE
BERKELEY CA 94705-1821

BOE USE ONLY
RATE | LOC | REC

01020-087-0000
62
08/86
RT--EAG
POO E

e-file
BOARD OF EQUALIZATION

RETURN INSTRUCTIONS (BOE-401-GSIN) ARE AVAILABLE AT WWW.BOE.CA.GOV OR BY CALLING (800) 400-7115

		BOE USE	
1	TOTAL (gross) SALES	1	$ 1297719 .00
2	PURCHASES SUBJECT TO USE TAX	2	.00
3	TOTAL (add lines 1 and 2)		1297719 .00
11	TOTAL NONTAXABLE TRANSACTIONS REPORTED (enter total deductions from line 11 on the back)	11	1119787 .00 1119787
12	TRANSACTIONS SUBJECT TO STATE TAX (subtract line 11 from line 3)	12	177932 .00 177932
13a	STATE TAX 7% (multiply line 12 by .07)		12455 .00 12455
13b	STATE TAX ADJUSTMENT (enter net credit or debit from Section B on the back)	13b	.00
14a	TRANSACTIONS SUBJECT TO COUNTY TAX (add amount in box 61 [Section C, back], box 71 [Section D, back], and line 12 above		1226337 .00
b	COUNTY TAX 1/4% (multiply line 14a by .0025)		3066 .00
15	LOCAL TAX ADJUSTMENTS FOR AIRCRAFT COMMON CARRIERS ONLY (see line 15 instructions)	15	.00
16	TRANSACTIONS SUBJECT TO LOCAL TAX (add or subtract line 15 to/from line 14a)		1226337 .00
17	COMBINED STATE AND LOCAL TAX 1% (multiply line 16 by .01) (additional schedules may apply - see line 17 instructions)		12263 .00
18	DISTRICT TAX (from Schedule A1, TOTAL DISTRICT TAX) YOU MUST COMPLETE BOE-531-A1, SCHEDULE A1, if you are engaged in business in districts and use tax districts.	18	18395 .00
19	TOTAL STATE, COUNTY, LOCAL, AND DISTRICT TAX (add lines 13a, 13b, 14b, 17, and 18)	19	46179 .00
20	SALES TAX PREPAID TO FUEL SUPPLIERS (enter amount from line 63 of Schedule G)	20	20983 .00
21	NET TAX (subtract line 20 from line 19)		25196 .00
22	LESS TAX PREPAYMENTS Tax Prepayment (Tax Only) $ 5600 Other Prepayment (Tax Only) $ 5000 Total Prepayment	22	10600 .00
23	REMAINING TAX (subtract line 22 from line 21)		14596 .00
24	PENALTY of 10% (.10) is due if your tax payment is made, or your return is filed, after the due date shown above (see line 24 instructions).	PENALTY 24	.00
25	INTEREST at the annual interest rate in effect (see line 25 instructions) is due on tax for each month or fraction of a month that payment is late. Use the following formula: tax x annual interest rate in effect x 7% divided by 12).	INTEREST 25	.00
26	TOTAL AMOUNT DUE AND PAYABLE (add lines 23, 24, and 25)	26	14596 .00 14596 .00

REC. NO.

DM

DE

[ ] CHECK HERE IF YOU ARE NOT AN EFT FILER AND PAID BY CREDIT CARD AS DESCRIBED ON PAGE 1 OF THE INSTRUCTIONS.

I hereby certify that this return, including any accompanying schedules and statements, has been examined by me and to the best of my knowledge and belief is a true, correct, and complete return.

YOUR SIGNATURE AND TITLE

TELEPHONE NUMBER ( )

DATE

EMAIL ADDRESS

PRINT NAME AND TITLE

PREPARER'S TELEPHONE NUMBER (510) 745-7468

PAID PREPARER'S USE ONLY

PAID PREPARER'S NAME AMERICAN TAX SERVICE

62 EFT

Planning and Development Department
Toxics Management Division

October 22, 2014

Mr. Anthony R. Calascibetta
Eisneramper Accountants & Advisors
750 Third Avenue
New York, NY 10017-2703

Subject: **Requirements for US Smog & Gas**
3000 Shattuck Ave, Berkeley

Dear Mr. Calascibetta:

Thank you for meeting with us on October 15, 2014 to discuss the site receivership and to detail the outstanding Toxics Management Division (TMD) requirements.

1. Hazardous Materials Business Plan. The HMBP was required by end of April 2014 and is currently an outstanding violation. It must be revised online at www.berkeleycupa.com. For assistance with online requirements contact Mary Matambanadzo at (510) 981-7460 or Mmatambanadzo@cityofberkeley.info. The TMD may take enforcement action for lack of compliance.

2. Underground storage tank (UST) monitoring system certification is overdue as of October 17, 2014. The certification must be scheduled immediately. Please notify myself a minimum of 48 hours prior to the testing. Once complete download the completed certification online. The TMD may take enforcement action for lack of compliance.

3. Financial Responsibility documentation. CA State law requires that UST owners provide proof of insurance in the event of a tank leak. This may be provided utilizing the CA State Cleanup fund, http://www.waterboards.ca.gov/water_issues/programs/ustcf/financialresponsibility.shtml). The financial responsibility documentation must be uploaded to portal. The documentation is now overdue and this constitutes a violation. The TMD may take enforcement action for lack of compliance.

4. TMD annual hazardous materials fees are overdue and this constitutes a permit violation. The original amount due was **$5960**. Finance may issue penalties. Other City of Berkeley fees may be due as well, contact Nikki Hovis at (510) 981 7234 of the Finance Department for other Citywide outstanding fees due.

5. Submit all UST forms online, including designated operator, monitoring and response plans, UST registration forms, ownership information, etc online.

6. UST temporary closure requirements – Title 23 CCR, Article 7 § 2671.

7. Provide information regarding the oily water removed by contractor and specify where the water came from, why it was removed, if there was an alarm sounding, how frequently it was removed, and disposal documentation of said water, including hazardous waste manifest.

The Toxics Management Division (TMD) requires that you submit proof of correction of the above violations/requirements. Please return to the TMD, the Certification of Return to Compliance and documentation by November 14th, 2014.

TMD is the local Certified Unified Program Agency (CUPA) for the City of Berkeley. We are authorized to implement Chapters 6.5, 6.7, 6.75 and 6.95 of Division 20 of the California Health and Safety Code in addition to city ordinances.

If you have any questions, please feel free to call me. I may be reached at (510) 981-7466

Sincerely,

Karl Busche
Hazardous Materials Specialist II

Cc: Gerard F. Keena II,

Attachments: Certification of Return to Compliance form

Department of Planning and Development
Toxics Management Division
2118 Milvia Street, Suite 300
Berkeley, CA 94704
(510) 981-7460 FAX (510) 981-7470
e-mail: toxics@ci.berkeley.ca.us

CERTIFICATION OF RETURN TO COMPLIANCE

For Dept Use Only – Log In/Date Stamp

RTC entered on: ___/___/___ by: _____

Date:_____

Owner/Operator: _____

Facility Name:_____

Address: _____ Zip code: _____

In the matter of the Violation(s) cited on the Hazardous Materials Inspection and Violation Report and/or the Stormwater Facility Inspection Report issued on _____ conducted by _____ Karl Busche kbusche@cityofberkeley.info _____ (inspector).

I certify under penalty of law that:

YES	N/A	
☐	☐	The violation(s) specified on the Hazardous Materials Inspection and Violation Report have been corrected and any required supporting documentation is attached (e.g. photos, copies of manifests/disposal receipts, or other original paperwork).
☐	☐	The violation(s) specified on the Stormwater Facility Inspection Report Form were corrected on _____ (date).
☐	☐	Other: (Use the lines below to make your comments)

_____

_____

_____

I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility. I am aware that there are significant penalties for submitting false information and/or for non-compliance with the violations noted, including the possibility of fines and imprisonment.

Name: _____ Title: _____

Signature: _____ Date signed: _____

Failure to submit this Certification within the time specified on the Hazardous Materials Inspection and Violation Report and the Stormwater Facility Inspection Report Form may result in a re-inspection of the facility to be charged at an hourly rate and fines up to $25,000 per day of non-compliance (HSC Sections 25188 & 25514 and BMC Section 17.20.160).

CAMBRIA

RECEIVED
DEC 27 2000
BY:

December 12, 2000

Dr. Nabil Al-Hadithy
City of Berkeley
Toxic Management Division
2118 Milvia Street, Suite 200
Moraga, California 94570

Re: **Underground Storage Tank and Piping Removal Report**
ARCO Service Station No. 0414
3000 Shattuck Avenue
Berkeley, California
Cambria Project #436-1640

Dear Dr. Al-Hadithy:

On behalf of ARCO, Cambria Environmental Technology, Inc. (Cambria) has prepared this Underground Storage Tank (UST) and Piping Removal Report for the above referenced site. This report details Cambria's oversight of the removal of the three USTs and associated piping by Petcon Technologies, Inc. of Torrance, California between August 11 and August 24, 2000. The UST, piping, and dispenser compliance sampling was performed in accordance with the State of California Regional Water Quality Control Board guideline.

Please call me if you have questions.

Sincerely,
Cambria Environmental Technology, Inc.

Darryk Ataide, REA
Senior Project Manager

Attachment: Underground Storage Tank and Piping Removal Report

cc: Mr. John Kaiser, RWQCB – S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
Mr. Paul Supple, ARCO, PO Box 6549, Moraga, CA 94570

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CAMBRIA

Underground Storage Tank and Piping Removal Report

Arco Service Station 0414
3000 Shattuck Ave
Berkeley, California
Cambria Project #436-1640

Prepared For:

Mr. Paul Supple
ARCO

December 12, 2000

Prepared By:

Cambria Environmental Technology, Inc.
1144 65th St., Suite B
Oakland, California 94608

REGISTERED GEOLOGIST • RONALD A. SCHEELE • No. 6842 • STATE OF CALIFORNIA

Written by:

Jason D. Olson
Staff Environmental Scientist

Ron Scheele, R.G.
Senior Project Manager

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

Cambria Environmental Technology, Inc.

1144 65th Street
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Tel (510) 420-0700
Fax (510) 420-9170

CAMBRIA

Underground Storage Tank and Piping Removal Report

Arco Service Station 0414
3000 Shattuck Ave
Berkeley, California
Cambria Project #436-1640

December 12, 2000

INTRODUCTION

On behalf of ARCO, Cambria Environmental Technology, Inc. (Cambria) has prepared this Underground Storage Tank (UST) and Piping Removal Report for the above referenced site. This report details Cambria's oversight of the removal of the three USTs and associated piping by Petcon Technologies, Inc. (Petcon) of Torrance, California between August 11 and August 24, 2000. The UST, piping, and dispenser compliance sampling was performed in accordance with the State of California Regional Water Quality Control Board's *Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites* dated August 10, 1990.

SITE BACKGROUND

Site Description: The site is located at 3000 Shattuck Avenue on the southwest corner of the intersection of Shattuck and Ashby Avenues in Berkeley, California (see Figure 1). The site is occupied by an active ARCO service station consisting of three gasoline USTs, two gasoline dispenser islands, a waste oil UST, and a station building with two service bays (see Figure 2).

Site Hydrogeology: The site is located approximately 2 miles east of the San Francisco Bay in central Berkeley. The topography surrounding the site generally slopes towards the west and northwest at an elevation of about 140 feet above mean sea level. Based on previous investigations, the lithology beneath the site consists of clay, sand, sandy clay, and gravelly clay to a total explored depth of 30 feet below grade (fbg). Static groundwater is at approximately 8 fbg. Based on previous quarterly monitoring events, groundwater flow at the site is generally towards the west, but has occasionally flowed towards the northwest and southwest.

TANK REMOVAL ACTIVITIES

On August 11, 2000, Petcon removed three 12,000-gallon fiberglass USTs from the site (see Figure 2). Dr. Nabil Al-Hadithy of the City of Berkeley, Toxic Management Division (BTMD) observed the removal events. No leaks were identified in the USTs during removal activities. The excavation area is shown in Figure 3.

Upon removal of the three USTs, free product was observed in the UST excavation area. Under the direction of BTMD regulator Dr. Al-Hadithy, Cambria coordinated the removal and disposal of all free product that entered the UST excavation area.

During tank removal activities, well A-1 was sheered off by the construction contractor 15 fbg. Cambria subsequently filled the remaining casing with neat cement to ensure the well does not serve as a vertical conduit.

OVER-EXCAVATION ACTIVITIES

UST Excavation Area: At the request of BTMD regulator Dr. Al-Hadithy, soil and pea-gravel was over-excavated from the UST tank pit area to expose the native soil (see Figure 3). After exposing the native soil, soil samples were collected.

Dispenser Islands and Product Piping: At the request of BTMD regulator Mr. Geoffery Fiedler, the northernmost dispenser island area was over-excavated. The over-excavated area encompassed an 8 by 11 ft area and extended 2 feet below native soil (Figure 3). The product piping trenches were also over-excavated down to 2 ft below native soil. Soil samples were collected following these over-excavation activities.

A total of approximately 1,416 tons of soil was over-excavated from the UST tank pit, northernmost dispenser island, and product piping trenches.

COMPLIANCE SOIL SAMPLING ACTIVITIES

Sampling Procedures and Handling: All sampling was performed in accordance with Cambria's *Standard UST Excavation Sampling Procedures*, and Cambria's *Standard Piping and Dispenser Removal Sampling Procedures*, presented in Appendixes A and B, respectively. The samples were placed into an iced cooler and delivered under standard chain-of-custody procedures to Sequoia Analytical Labs, Inc., a state-certified laboratory.

UST Removal Compliance Sampling: On August 15 and 16, Cambria performed soil sampling beneath the former USTs and along the sidewalls of the UST excavation area, under the supervision of BTMD regulator Ms. Meridith Lear. Soil samples EX-1 through EX-4, EX-6, and EX-7 were collected from beneath the northernmost USTs at approximately 17 feet below grade (fbg). Soil samples EX-8, EX-9, and EX-11 were collected from beneath the southernmost UST at depths of 17 fbg, 17 fbg, and 12 fbg, respectively. Soil samples EX-5 and EX-10 were collected in the UST excavation area directly west of the northernmost and southernmost USTs. Sample collection points are shown in Figure 3.

Piping and Dispenser Island Compliance Sampling: On August 18 and 24, 2000 Cambria performed soil sampling beneath the former dispenser islands and product piping. The August 18, 2000 sampling was conducted under the supervision of BTMD regulators Dr. Nabil Al-Hadithy and Ms. Meredith Lear, and the August 24, 2000 sampling was conducted under the supervision of BTMD regulator Mr. Geoffery Fiedler. Soil samples DP-1 through DP-4 were collected from beneath the northernmost dispenser island at approximately 2 fbg. Soil samples DP-7 through DP-10 were collected from the easternmost dispenser island at approximately 2 fbg. Soil sample DP-6 was collected from the piping trench between the two dispenser islands at approximately 2 fbg, and soil sample DP-11 was collected after over-excavation of pea-gravel beneath the northernmost dispenser island at approximately 4.5 fbg. No sample DP-5 was collected.

ANALYTICAL TESTING AND RESULTS

Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by modified EPA Method 8015, and benzene, toluene, xylene, and ethylbenzene (BTEX), and methyl tert butyl ether (MTBE) by modified EPA Method 8020. In addition, samples EX-1 through EX-11 were analyzed for total lead, and samples EX-8 through EX-11 for semi-volatile organic compounds (SVOCs) and total oil and grease (TOG) due to their proximity to an onsite waste oil tank. Sample DP-2 was analyzed for total petroleum hydrocarbons as diesel (TPHd). Analytical results are presented in Table 1. Certified laboratory analytical results are presented in Appendix C.

UST Excavation Analytical Results (EX-1 through EX-11): TPHg concentrations were detected in one sample (EX-1) at 3.31 milligrams per kilogram (mg/kg). MTBE concentrations were detected in five samples ranging from 0.0526 to 0.302 mg/kg. TOG concentrations were detected in two samples (EX-10 and EX-11) at 337 and 363 mg/kg, respectively. No benzene, SVOCs, or lead concentrations were detected in any of the UST excavation samples.

Piping and Dispenser Island Analytical Results (DP-1 through DP-4, DP-6 through DP-11): TPHg concentrations were detected in four piping and dispenser island soil samples (DP-2, DP-3, D-9, and DP-11) ranging from 84.7 to 8,410 mg/kg. Benzene and TPHd concentrations were detected in one sample (DP-2) at 3.44 and 1,920 mg/kg, respectively. MTBE concentrations were detected in seven samples (DP-1, DP-2, DP-4, DP-6, DP-8, DP-9, and DP-10) ranging from 0.186 to 19.8 mg/kg, with the highest MTBE concentration from sample DP-2.

WASTE DISPOSAL

Dillard Environmental Services (Dillard) of Byron, California, stockpiled, profiled, and transported approximately 1,416 tons of soil, generated during piping and UST over-excavation activities, to the Forward Landfill in Manteca, California, for disposal. Dillard also transported 1,200 gallons of non-hazardous water, extracted from the UST excavation area, to the Seaport Environmental facility in Redwood City, California, for disposal. Under the direction of Petcon, Adams Services, Inc. of Gardena, California transported the three fiberglass USTs to San Bernardino County Solid Waste Management's Mid-Valley Landfill for disposal, and 400 gallons of non-hazardous oil and water to the DeMenno/Kerdoon facility in Compton, California, for recycling. Soil, water, and UST disposal confirmation letters and/or manifests are presented in Appendix D. Soil stockpile sampling results are presented in a laboratory analytical report as Appendix E.

RECOMMENDATIONS

During UST excavation activities, Cambria prepared a *Downgradient Investigation and Interim Remediation Workplan* dated August 14, 2000 based on a verbal request from BTMD regulator Dr. Nabil Al-Hadithy. Cambria recommended the installation of two additional downgradient monitoring wells, new tank backfill wells, and the implementation of dual phase extraction (DVE) mobile treatment events. The proposed work will be implemented once workplan approval is received from BTMD.

ATTACHMENTS

Figure 1 – Site Vicinity Map
Figure 2 – Site Plan
Figure 3 – Over-Excavation Areas and Soil Sample Locations

Table 1 – UST Removal Compliance Sampling Results

Appendix A – Standard UST Excavation Sampling Procedures
Appendix B – Standard Dispenser and Product Piping Removal Sampling Procedures
Appendix C – Certified Laboratory Analytical Results
Appendix D – Waste Disposal Confirmation Letters and Manifests
Appendix E – Soil Stockpile Laboratory Analytical Report

H:\ARCO\0414\Reports\ARCO 414 Tank Pull Report.doc

11/30/00

I:\ARCO\0414\FIGURES\VICINITY-MAP.AI

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

ARCO Service Station 0414

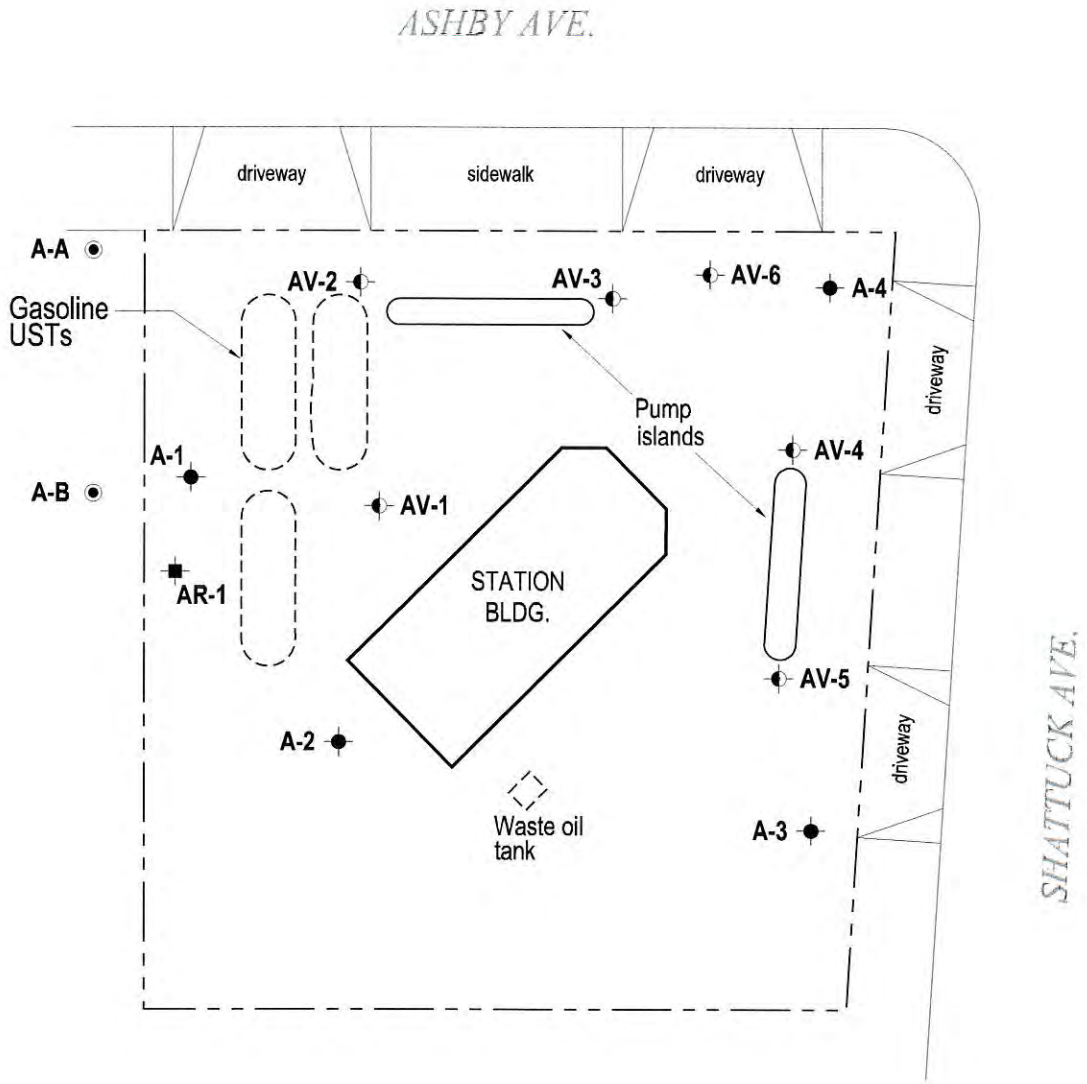
3000 Shattuck Avenue

Berkeley, California

CAMBRIA

Vicinity Map

11/30/00



EXPLANATION

- MW-1 — Monitoring well location
- AR-1 — Recovery well location
- A-1 — Soil vapor extraction well location
- A-A — Soil boring location

N

0 15 30

Scale (ft)

FIGURE **2**

H:\ARCO\0414\FIGURES\SITEPLAN.DWG

ARCO Service Station 0414

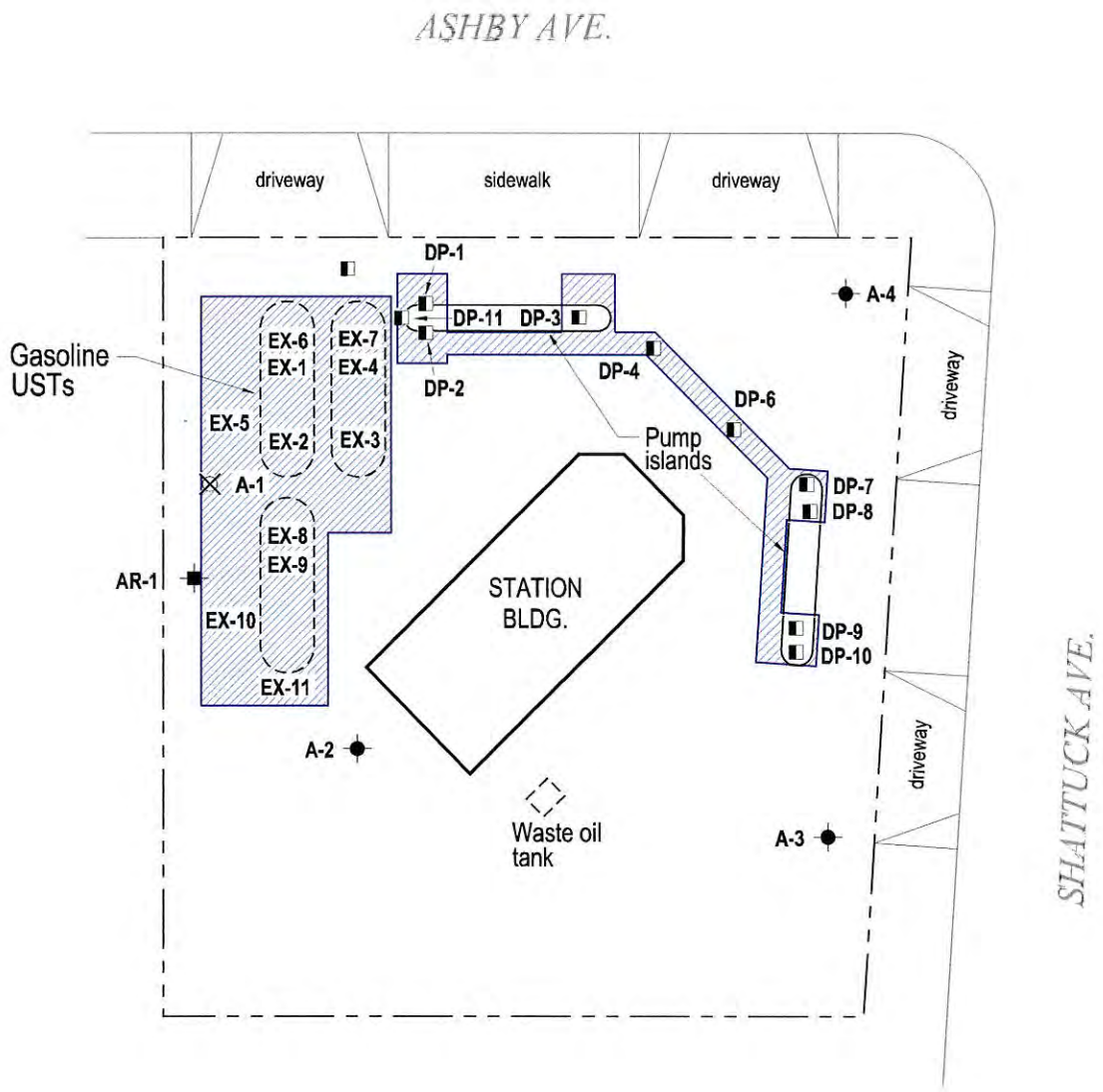
3000 Shattuck Avenue

Berkeley, California

CAMBRIA

Site Plan

12/19/00



EXPLANATION

- MW-1 — Monitoring well location
- AR-1 — Recovery well location
- AV-1 — Soil vapor extraction well location
- A-1 — Abandoned monitoring well
- A-A — Soil boring location
- EX-1 — Soil sample locaton
- Over excavation area

N

0 15 30

Scale (ft)

FIGURE 3

H:\ARCO\0414\FIGURES\EXCAVATION.DWG

ARCO Service Station 0414

3000 Shattuck Avenue

Berkeley, California

CAMBRIA

Over Excavation Areas and Sampling Locations

Table 1
UST Removal Compliance Sampling

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Sample ID	Date Sampled	Depth Sampled (ft-bgs)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)	TPHd (mg/kg)	TOG (mg/kg)
EX-1	8/15/00	16	**3.31**	<0.00500	**0.00794**	**0.0580**	**0.192**	**0.0777**	<7.50	--	--
EX-2	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.172**	<7.50	--	--
EX-3	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0678**	<7.50	--	--
EX-4	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0583**	<7.50	--	--
EX-5	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0526**	<7.50	--	--
EX-6	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.302**	<7.50	--	--
EX-7	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0627**	<7.50	--	--
EX-8	8/16/00	16	<1.00	<0.00500	**0.00686**	<0.00500	**0.0193**	**0.0660**	<7.50	--	<50.0
EX-9	8/16/00	16	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.124**	<7.50	--	<50.0
EX-10	8/16/00	16	<1.00	<0.00500	<0.00500	<0.00500	**0.0128**	**0.204**	<7.50	--	337
EX-11	8/16/00	12	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0659**	<7.50	--	363
DP-1	8/18/00	2	<5.00	<0.250	<0.250	<0.250	<0.250	**0.451**	--	--	--
DP-2	8/18/00	2	**8,410**	**3.44**	**136**	**127**	**531**	**19.8**	--	**1,920**	--

Table 1
UST Removal Compliance Sampling

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Sample ID	Date Sampled	Depth Sampled (ft-bgs)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)	TPHd (mg/kg)	TOG (mg/kg)
DP-3	8/18/00	2	**186**	<0.250	<0.250	**1.78**	**1.82**	<2.50	--	--	--
DP-4	8/18/00	2	<5.00	<0.0250	<0.0250	<0.0250	**0.029**	**0.677**	--	--	--
DP-6	8/18/00	2	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.296**	--	--	--
DP-7	8/18/00	2	<50.0	<0.250	<0.250	<0.250	<0.250	<2.50	--	--	--
DP-8	8/18/00	2	<5.00	<0.250	<0.250	<0.250	<0.250	**0.572**	--	--	--
DP-9	8/18/00	2	**84.7**	<0.250	<0.250	<0.250	**0.295**	**1.34**	--	--	--
DP-10	8/18/00	2	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.186**	--	--	--
DP-11	8/24/00	5	**184**	<0.250	<0.250	**2.01**	**3.68**	<2.50	--	--	--

Notes

ft-bgs = feet below ground surface
mg/kg = milligrams per kilogram

TPHg = total petroluem hydrocarbons as gasoline
TPHd = total petroluem hydrocarbons as diesel
MTBE = methyl tert butyl ether
TOG = total oil and grease

APPENDIX A

Standard Tank Removal Sampling Procedures

STANDARD UST EXCAVATION SAMPLING PROCEDURES

After confirming a release from underground gasoline storage tanks, product piping or pump islands, soil excavation is often done to remove hydrocarbon bearing soils that may pose a threat to ground water quality beneath a site. Soil samples are routinely collected to monitor the progress of the excavation and to confirm that soils containing hydrocarbons above regulatory limits have been completely removed. Cambria has developed standard operating procedures for collecting soil samples during routine excavation operations to ensure that the samples are collected, handled and documented in compliance with State and local regulatory agency regulations.

Excavation Sampling

Prior to collecting soil samples during excavation operations, Cambria field staff screen the removed soils with a portable photoionization detector (PID) to qualitatively assess the presence or absence of volatile hydrocarbons. The removed soil is typically segregated based on hydrocarbon concentration and stockpiled on site on plastic sheeting. When the PID measurements indicate that the hydrocarbon bearing soil has been completely removed, Cambria collects soil samples from the excavation sidewalls and bottom for confirmatory analysis at a State certified analytic laboratory.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe or excavator. When a backhoe or excavator is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the sampler or the backhoe, the samples are trimmed flush, capped with Teflon tape and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

APPENDIX B

Standard Dispenser and Product Piping Removal Sampling Procedures

STANDARD DISPENSER AND PRODUCT PIPING REMOVAL SAMPLING PROCEDURES

Cambria Environmental Technology, Inc. (Cambria) has developed standard operating procedures for collecting soil samples during petroleum dispenser and piping removal. These procedures ensure that the samples are collected, handled, and documented in compliance with California Administration Code Title 23: Waters; Chapter 3: Water Resources Control Board; Subchapter 16: Underground Storage Tank Regulations (Title 23). Cambria's sampling procedures are based on guidelines contained in the California State Regional Water Quality Control Board Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites dated August 10, 1990.

Piping and Dispenser Removal Sampling

The objective of sample collection during routine dispenser and piping removals is to determine whether hydrocarbons or other stored chemicals have leaked to the subsurface. We collect one soil sample from the native soil beneath each dispenser unit, at each piping elbow, and at every 20 ft of product piping, as applicable.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe. When a backhoe is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the split-spoon sampler or the backhoe, the samples are trimmed flush, capped with Teflon sheets and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

APPENDIX C

Certified Laboratory Analytical Results

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

August 17, 2000

Darryk Ataide
Cambria Environmental - Oakland
1144 65th St., Suite C
Oakland, CA 94608

RE: ARCO/P008341

Dear Darryk Ataide

Enclosed are the results of analyses for sample(s) received by the laboratory on August 15, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard Stover
Project Manager

CA ELAP Certificate Number 2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Cambria Environmental - Oakland	Project: ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number: 414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager: Darryk Ataide	Reported: 8/17/00

ANALYTICAL REPORT FOR P008341

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EX-1	P008341-01	Soil	8/15/00
EX-2	P008341-02	Soil	8/15/00
EX-3	P008341-03	Soil	8/15/00
EX-4	P008341-04	Soil	8/15/00
EX-5	P008341-05	Soil	8/15/00
EX-6	P008341-06	Soil	8/15/00
EX-7	P008341-07	Soil	8/15/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-1			**P008341-01**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	**3.31**	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	**0.00794**	"	
Ethylbenzene	"	"	"		0.00500	**0.0580**	"	
Xylenes (total)	"	"	"		0.00500	**0.192**	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0777**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*104*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*80.5*	"	
EX-2			**P008341-02**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.172**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*106*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*78.5*	"	
EX-3			**P008341-03**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0678**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*103*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*82.3*	"	
EX-4			**P008341-04**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0583**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.3*	"	
EX-5			**P008341-05**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-5 (continued)			**P008341-05**				**Soil**	
Benzene	0080281	8/16/00	8/16/00		0.00500	ND	mg/kg	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0526**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*98.7*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*89.7*	"	
EX-6			**P008341-06**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.302**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*96.5*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*32.5*	"	*J*
EX-7			**P008341-07**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0627**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*87.7*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
EX-1			**P008341-01**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-2			**P008341-02**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-3			**P008341-03**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-4			**P008341-04**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-5			**P008341-05**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-6			**P008341-06**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-7			**P008341-07**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080281	**Date Prepared: 8/16/00**					**Extraction Method: EPA 5030 soils**				
Blank	**0080281-BLK4**									
Gasoline	8/16/00			**ND**	mg/kg	**1.00**				
Benzene	"			**ND**	"	**0.00500**				
Toluene	"			**ND**	"	**0.00500**				
Ethylbenzene	"			**ND**	"	**0.00500**				
Xylenes (total)	"			**ND**	"	**0.00500**				
Methyl tert-butyl ether	"			**ND**	"	**0.0500**				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.593*	"	*65.0-135*	*98.8*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.589*	"	*65.0-135*	*98.2*			
LCS	**0080281-BS4**									
Benzene	8/16/00	0.200		0.188	mg/kg	65.0-135	94.0			
Toluene	"	0.200		0.187	"	65.0-135	93.5			
Ethylbenzene	"	0.200		0.183	"	65.0-135	91.5			
Xylenes (total)	"	0.600		0.616	"	65.0-135	103			
Methyl tert-butyl ether	"	0.200		0.184	"	65.0-135	92.0			
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.579*	"	*65.0-135*	*96.5*			
Matrix Spike	**0080281-MS1**		**P008111-01**							
Benzene	8/11/00	0.200	ND	0.181	mg/kg	65.0-135	**90.5**			
Toluene	"	0.200	ND	0.178	"	65.0-135	**89.0**			
Ethylbenzene	"	0.200	ND	0.175	"	65.0-135	**87.5**			
Xylenes (total)	"	0.600	ND	0.589	"	65.0-135	**98.2**			
Methyl tert-butyl ether	"	0.200	ND	0.189	"	65.0-135	**94.5**			
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.590*	"	*65.0-135*	*98.3*			
Matrix Spike Dup	**0080281-MSD1**		**P008111-01**							
Benzene	8/11/00	0.200	ND	0.187	mg/kg	65.0-135	**93.5**	20.0	**3.26**	
Toluene	"	0.200	ND	0.183	"	65.0-135	**91.5**	20.0	**2.77**	
Ethylbenzene	"	0.200	ND	0.177	"	65.0-135	**88.5**	20.0	**1.14**	
Xylenes (total)	"	0.600	ND	0.594	"	65.0-135	**99.0**	20.0	**0.811**	
Methyl tert-butyl ether	"	0.200	ND	0.184	"	65.0-135	**92.0**	20.0	**2.68**	
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.578*	"	*65.0-135*	*96.3*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Metals by EPA 6000/7000 Series Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080390	**Date Prepared: 8/16/00**					**Extraction Method: EPA 3050B**				
Blank	**0080390-BLK1**									
Lead	8/16/00			**ND**	mg/kg	**7.50**				
LCS	**0080390-BS1**									
Lead	8/16/00	50.0		47.1	mg/kg	80.0-120	94.2			
Matrix Spike	**0080390-MS1**		**P008341-01**							
Lead	8/16/00	45.5	ND	45.6	mg/kg	75.0-125	**100**			
Matrix Spike Dup	**0080390-MSD1**		**P008341-01**							
Lead	8/16/00	46.3	ND	46.2	mg/kg	75.0-125	**99.8**	20.0	**0.200**	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Notes and Definitions

#	Note
1	Low surrogate recovery confirmed as a matrix effect by a second analysis.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

ARCO Products Company
Division of Atlantic-Richfield Company

Task Order No.

Chain of Custody

ARCO Facility no. 414	City (Facility) Berkeley	Project manager (Consultant) Darryk Ataide	Laboratory name SEQ
ARCO engineer Paul Supple	Telephone no. (ARCO) (925) 299-8891	Telephone no. (Consultant) (510) 420-3339	Fax no. (Consultant) (510) 420-9170
Consultant name Cambria Environ	Address (Consultant) 1144 65th St. Oakland, CA 94608		Contract number 26358 00

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH - Gas EPA M602/8020/8015	TPH Modified 8015 Gas ☐ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals ☐ Semi VOA ☐ VOA ☐	CAM METALS EPA 6010/7000 TTLC ☐ STLC ☐	Lead Org./DHS ☐ Lead EPA 7420/7421 ☐	MTBE 8020	Total Lead
EX-1		1	X			X		8-15-00	12 00		X		P000	8341	-01						X	X
EX-2		1	↓			↓		↓	↓		X						02				X	X
EX-3		1									X						03				X	X
EX-4		1									X						04				X	X
EX-5		1									X						05				X	X
EX-6		1									X						06				X	X
EX-7		1	↓			↓		↓	↓		X						07				X	X

COOLER CUSTODY SEALS INTACT ☐
NOT INTACT ☐ N/A
COOLER TEMPERATURE 6 °C

Special detection Limit/reporting

Special QA/QC

Remarks: 24 hour Rush

Lab number

Turnaround time
- Priority Rush 1 Business Day: X
- Rush 2 Business Days: ☐
- Expedited 5 Business Days: ☐
- Standard 10 Business Days: ☐

Condition of sample:

Temperature received:

	Date	Time		Date	Time
Relinquished by sampler	8-15-00	1452	Received by Troy Copeland		
Relinquished by Troy Copeland	8-15-00	1700	Received by PET	8/15/00	@1750
Relinquished by	Date	Time	Received by	Date	Time

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

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August 28, 2000

Darryk Ataide
Cambria Environmental - Oakland
1144 65th St., Suite C
Oakland, CA 94608

RE: ARCO/P008455

Dear Darryk Ataide

Enclosed are the results of analyses for sample(s) received by the laboratory on August 21, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard Stover
Project Manager

CA ELAP Certificate Number 2374

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

ANALYTICAL REPORT FOR P008455

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
DP-1	P008455-01	Soil	8/18/00
DP-2	P008455-02	Soil	8/18/00
DP-3	P008455-03	Soil	8/18/00
DP-4	P008455-04	Soil	8/18/00
DP-6	P008455-05	Soil	8/18/00
DP-7	P008455-06	Soil	8/18/00
DP-8	P008455-07	Soil	8/18/00
DP-9	P008455-08	Soil	8/18/00
DP-10	P008455-09	Soil	8/18/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-1			**P008455-01**				Soil	
Gasoline	0080494	8/23/00	8/23/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.294**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.2*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*90.8*	"	
DP-2			**P008455-02**				Soil	
Gasoline	0080263	8/22/00	8/22/00		1000	**8410**	mg/kg	
Benzene	"	"	"		1.00	**3.44**	"	1
Toluene	"	"	"		5.00	**136**	"	
Ethylbenzene	"	"	"		5.00	**127**	"	
Xylenes (total)	"	"	"		5.00	**531**	"	
Methyl tert-butyl ether	"	"	"		15.0	**19.8**	"	1
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*106*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*563*	"	*2*
DP-3			**P008455-03**				Soil	
Gasoline	0080263	8/22/00	8/22/00		50.0	**186**	mg/kg	
Benzene	"	"	"		0.250	ND	"	
Toluene	"	"	"		0.250	ND	"	
Ethylbenzene	"	"	"		0.250	**1.78**	"	
Xylenes (total)	"	"	"		0.250	**1.82**	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.3*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*102*	"	
DP-4			**P008455-04**				Soil	
Gasoline	0080494	8/22/00	8/22/00		5.00	ND	mg/kg	
Benzene	"	"	"		0.0250	ND	"	
Toluene	"	"	"		0.0250	ND	"	
Ethylbenzene	"	"	"		0.0250	ND	"	
Xylenes (total)	"	"	"		0.0250	**0.0288**	"	
Methyl tert-butyl ether	"	"	"		0.250	**0.677**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.2*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*96.8*	"	
DP-6			**P008455-05**				Soil	
Gasoline	0080494	8/22/00	8/22/00		1.00	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-6 (continued)			**P008455-05**				Soil	
Benzene	0080494	8/22/00	8/22/00		0.00500	ND	mg/kg	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.296**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.0*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.2*	"	
DP-7			**P008455-06**				Soil	
Gasoline	0080263	8/22/00	8/22/00		50.0	ND	mg/kg	
Benzene	"	"	"		0.250	ND	"	
Toluene	"	"	"		0.250	ND	"	
Ethylbenzene	"	"	"		0.250	ND	"	
Xylenes (total)	"	"	"		0.250	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*98.7*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*77.0*	"	
DP-8			**P008455-07**				Soil	
Gasoline	0080494	8/22/00	8/22/00		5.00	ND	mg/kg	
Benzene	"	"	"		0.0250	ND	"	
Toluene	"	"	"		0.0250	ND	"	
Ethylbenzene	"	"	"		0.0250	ND	"	
Xylenes (total)	"	"	"		0.0250	ND	"	
Methyl tert-butyl ether	"	"	"		0.250	**0.572**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.2*	"	
DP-9			**P008455-08**				Soil	
Gasoline	0080263	8/22/00	8/22/00		50.0	**84.7**	mg/kg	
Benzene	"	"	"		0.250	ND	"	
Toluene	"	"	"		0.250	ND	"	
Ethylbenzene	"	"	"		0.250	ND	"	
Xylenes (total)	"	"	"		0.250	**0.295**	"	
Methyl tert-butyl ether	"	"	"		0.500	**1.34**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*101*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*81.0*	"	
DP-10			**P008455-09**				Soil	
Gasoline	0080494	8/22/00	8/22/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-10 (continued)			**P008455-09**				**Soil**	
Toluene	0080494	8/22/00	8/22/00		0.00500	ND	mg/kg	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.186**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.5*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-2			P008455-02				Soil	
Diesel (C10-C24)	0080486	8/22/00	8/24/00		5.00	1920	mg/kg	
Surrogate: o-Terphenyl	"	"	"	*50.0-150*		*91.4*	%	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080263	**Date Prepared: 8/22/00**					**Extraction Method: EPA 5030 soils MeOH**				
Blank	0080263-BLK3									
Gasoline	8/22/00			ND	mg/kg	50.0				
Benzene	"			ND	"	0.250				
Toluene	"			ND	"	0.250				
Ethylbenzene	"			ND	"	0.250				
Xylenes (total)	"			ND	"	0.250				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*31.1*	"	*65.0-135*	*104*			
Surrogate: 4-Bromofluorobenzene	"	*30.0*		*26.2*	"	*65.0-135*	*87.3*			
LCS	0080263-BS3									
Benzene	8/22/00	10.0		8.52	mg/kg	65.0-135	85.2			
Toluene	"	10.0		8.67	"	65.0-135	86.7			
Ethylbenzene	"	10.0		9.65	"	65.0-135	96.5			
Xylenes (total)	"	30.0		28.1	"	65.0-135	93.7			
Methyl tert-butyl ether	"	10.0		8.31	"	65.0-135	83.1			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*31.2*	"	*65.0-135*	*104*			
Batch: 0080494	**Date Prepared: 8/22/00**					**Extraction Method: EPA 5030 soils**				
Blank	0080494-BLK1									
Gasoline	8/22/00			ND	mg/kg	1.00				
Benzene	"			ND	"	0.00500				
Toluene	"			ND	"	0.00500				
Ethylbenzene	"			ND	"	0.00500				
Xylenes (total)	"			ND	"	0.00500				
Methyl tert-butyl ether	"			ND	"	0.0500				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.590*	"	*65.0-135*	*98.3*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.596*	"	*65.0-135*	*99.3*			
Blank	0080494-BLK2									
Gasoline	8/23/00			ND	mg/kg	1.00				
Benzene	"			ND	"	0.00500				
Toluene	"			ND	"	0.00500				
Ethylbenzene	"			ND	"	0.00500				
Xylenes (total)	"			ND	"	0.00500				
Methyl tert-butyl ether	"			ND	"	0.0500				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.559*	"	*65.0-135*	*93.2*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.575*	"	*65.0-135*	*95.8*			
LCS	0080494-BS1									
Gasoline	8/22/00	2.00		1.90	mg/kg	65.0-135	95.0			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**0080494-BS1**									
Surrogate: 4-Bromofluorobenzene	*8/22/00*	*0.600*		*0.600*	*mg/kg*	*65.0-135*	*100*			
LCS	**0080494-BS2**									
Benzene	8/23/00	0.200		0.182	mg/kg	65.0-135	91.0			
Toluene	"	0.200		0.180	"	65.0-135	90.0			
Ethylbenzene	"	0.200		0.176	"	65.0-135	88.0			
Xylenes (total)	"	0.600		0.591	"	65.0-135	98.5			
Methyl tert-butyl ether	"	0.200		0.165	"	65.0-135	82.5			
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.547*	"	*65.0-135*	*91.2*			
Matrix Spike	**0080494-MS1**		**P008442-02**							
Gasoline	8/22/00	2.00	ND	1.60	mg/kg	65.0-135	**80.0**			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.523*	"	*65.0-135*	*87.2*			
Matrix Spike Dup	**0080494-MSD1**		**P008442-02**							
Gasoline	8/22/00	2.00	ND	1.75	mg/kg	65.0-135	**87.5**	20.0	**8.96**	
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.532*	"	*65.0-135*	*88.7*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080486	**Date Prepared: 8/22/00**					**Extraction Method: CA LUFT - orb shaker**				
Blank	0080486-BLK1									
Diesel (C10-C24)	8/24/00			ND	mg/kg	5.00				
Surrogate: o-Terphenyl	"	*3.33*		*3.24*	"	*50.0-150*	*97.3*			
LCS	0080486-BS1									
Diesel (C10-C24)	8/23/00	33.3		31.9	mg/kg	50.0-150	95.8			
Surrogate: o-Terphenyl	"	*3.33*		*3.02*	"	*50.0-150*	*90.7*			
Matrix Spike	0080486-MS1		P008444-04							
Diesel (C10-C24)	8/23/00	33.3	52.5	72.9	mg/kg	50.0-150	**61.3**			
Surrogate: o-Terphenyl	"	*3.33*		*3.04*	"	*50.0-150*	*91.3*			
Matrix Spike Dup	0080486-MSD1		P008444-04							
Diesel (C10-C24)	8/23/00	33.3	52.5	81.5	mg/kg	50.0-150	**87.1**	35.0	**34.8**	
Surrogate: o-Terphenyl	"	*3.33*		*3.19*	"	*50.0-150*	*95.8*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Notes and Definitions

#	Note
1	Results between the primary and confirmation columns varied by greater than 40% RPD.
2	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

ARCO Products Company
Division of Atlantic-Richfield Company

Task Order No.

Chain of Custody

ARCO Facility no. 0414	City (Facility) Berkeley	Project manager (Consultant) Darryk Ataide	Laboratory name SEQ
ARCO engineer Paul Supple	Telephone no. (ARCO) 925-299-8891	Telephone no. (Consultant) (510) 420-3339	Fax no. (Consultant) (510) 420-9170
Consultant name	Address (Consultant)		Contract number 26358.00

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH – Gas EPA M602/8020/8015	TPH Modified 8015 Gas / Diesel	Oil and Grease 413.1 / 413.2	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals / Semi VOA / VOA	CAM METALS EPA 6010/7000 TTLC / STLC	Lead Org./DHS / Lead EPA 7420/7421	MTBE
DP-1		1	X	P068455 01				8-18-00	1250		X										X
DP-2		1	X			-02			1310		X	X									X
DP-3		1	X			-03			1220		X										X
DP-4		1	X			-04			1430		X										X
DP-6		1	X			-05		8-18-00	1410		X										X
DP-7		1	X			-06			1510		X										X
DP-8		1	X			-07			1450		X										X
DP-9		1	X			-08			1350		X										X
DP-10		1	X			-09			1350		X										X
~~DPW-1~~		~~4~~		~~X~~				~~8-18-00~~	~~1400~~		~~X~~	~~X~~									~~X~~
~~DPW-2~~		~~4~~		~~X~~					~~1405~~		~~X~~	~~X~~			DA 8/21/00						~~X~~
DPSP-1		4	X			-10		8-18-00	1545	→	Hold, no analytical requested										

Condition of sample:

Temperature received:

Relinquished by sampler	Date	Time	Received by COOLER CUSTODY SEALS INTACT 8/21/00 1530
Relinquished by	Date	Time	Received by NOT INTACT ☐
Relinquished by	Date	Time	Received by COOLER TEMPERATURE Date 3 Time °C

Special detection Limit/reporting

Special QA/QC

Remarks

24 hr. Rush. Hold sample DPSP-1.

Lab number

Turnaround time

- Priority Rush 1 Business Day: X
- Rush 2 Business Days: ☐
- Expedited 5 Business Days: ☐
- Standard 10 Business Days: ☐

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

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August 30, 2000

Darryk Ataide
Cambria Environmental - Oakland
1144 65th St., Suite C
Oakland, CA 94608

RE: ARCO/P008391

Dear Darryk Ataide

Enclosed are the results of analyses for sample(s) received by the laboratory on August 17, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard Stover
Project Manager

CA ELAP Certificate Number 2374

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

ANALYTICAL REPORT FOR P008391

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EX-8	P008391-01	Soil	8/16/00
EX-9	P008391-02	Soil	8/16/00
EX-10	P008391-03	Soil	8/16/00
EX-11	P008391-04	Soil	8/16/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-8			**P008391-01**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	**0.00686**	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	**0.0193**	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0660**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.5*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*84.2*	"	
EX-9			**P008391-02**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.124**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*102*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*89.8*	"	
EX-10			**P008391-03**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	**0.0128**	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.204**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*101*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*85.3*	"	
EX-11			**P008391-04**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0659**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*67.0*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
EX-8			**P008391-01**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	
EX-9			**P008391-02**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	
EX-10			**P008391-03**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	
EX-11			**P008391-04**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-8			**P008391-01**				**Soil**	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-8 (continued)			**P008391-01**				**Soil**	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*55.0*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*61.2*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*57.7*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*63.1*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*74.8*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*97.0*	"	

Sequoia Analytical

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-9			**P008391-02**				**Soil**	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-9 (continued)			**P008391-02**				**Soil**	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*70.2*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*76.8*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*78.4*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*87.4*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*87.4*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*97.3*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-10			**P008391-03**				**Soil**	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-10 (continued)			P008391-03				Soil	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*65.8*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*73.6*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*71.8*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*82.3*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*86.8*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*96.1*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-11			P008391-04				Soil	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-11 (continued)			P008391-04				Soil	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*68.2*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*74.6*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*74.5*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*79.6*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*84.0*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*95.2*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
EX-8			P008391-01				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	ND	mg/kg	
EX-9			P008391-02				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	ND	mg/kg	
EX-10			P008391-03				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	337	mg/kg	
EX-11			P008391-04				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	363	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080444	**Date Prepared: 8/17/00**					**Extraction Method: EPA 5030 soils**				
Blank	**0080444-BLK1**									
Gasoline	8/17/00			**ND**	mg/kg	**1.00**				
Benzene	"			**ND**	"	**0.00500**				
Toluene	"			**ND**	"	**0.00500**				
Ethylbenzene	"			**ND**	"	**0.00500**				
Xylenes (total)	"			**ND**	"	**0.00500**				
Methyl tert-butyl ether	"			**ND**	"	**0.0500**				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.593*	"	*65.0-135*	*98.8*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.594*	"	*65.0-135*	*99.0*			
LCS	**0080444-BS1**									
Gasoline	8/17/00	2.00		1.91	mg/kg	65.0-135	95.5			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.595*	"	*65.0-135*	*99.2*			
Matrix Spike	**0080444-MS1**		**P008391-01**							
Gasoline	8/17/00	2.00	ND	1.85	mg/kg	65.0-135	**92.5**			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.532*	"	*65.0-135*	*88.7*			
Matrix Spike Dup	**0080444-MSD1**		**P008391-01**							
Gasoline	8/17/00	2.00	ND	1.97	mg/kg	65.0-135	**98.5**	20.0	**6.28**	
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.504*	"	*65.0-135*	*84.0*			

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Metals by EPA 6000/7000 Series Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080441	Date Prepared: 8/18/00					Extraction Method: EPA 3050B				
Blank	0080441-BLK1									
Lead	8/18/00			ND	mg/kg	7.50				
LCS	0080441-BS1									
Lead	8/18/00	50.0		49.3	mg/kg	80.0-120	98.6			
Matrix Spike	0080441-MS1		P008391-01							
Lead	8/18/00	39.1	ND	40.1	mg/kg	75.0-125	103			
Matrix Spike Dup	0080441-MSD1		P008391-01							
Lead	8/18/00	43.1	ND	42.2	mg/kg	75.0-125	97.9	20.0	5.08	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080460	**Date Prepared: 8/21/00**					**Extraction Method: EPA 3550A**				
Blank	0080460-BLK1									
Acenaphthene	8/30/00			ND	mg/kg	0.330				
Acenaphthylene	"			ND	"	0.330				
Anthracene	"			ND	"	0.330				
Benzidine	"			ND	"	1.67				
Benzoic acid	"			ND	"	1.67				
Benzo (a) anthracene	"			ND	"	0.330				
Benzo (b+k) fluoranthene (total)	"			ND	"	0.330				
Benzo (g,h,i) perylene	"			ND	"	0.330				
Benzo (a) pyrene	"			ND	"	0.330				
Benzyl alcohol	"			ND	"	0.660				
Bis(2-chloroethoxy)methane	"			ND	"	0.330				
Bis(2-chloroethyl)ether	"			ND	"	0.330				
Bis(2-chloroisopropyl)ether	"			ND	"	0.330				
Bis(2-ethylhexyl)phthalate	"			ND	"	0.330				
4-Bromophenyl phenyl ether	"			ND	"	0.330				
Butyl benzyl phthalate	"			ND	"	0.330				
4-Chloroaniline	"			ND	"	0.660				
4-Chloro-3-methylphenol	"			ND	"	0.660				
2-Chloronaphthalene	"			ND	"	0.330				
2-Chlorophenol	"			ND	"	0.330				
4-Chlorophenyl phenyl ether	"			ND	"	0.330				
Chrysene	"			ND	"	0.330				
Dibenz (a,h) anthracene	"			ND	"	0.330				
Dibenzofuran	"			ND	"	0.330				
Di-n-butyl phthalate	"			ND	"	0.330				
1,2-Dichlorobenzene	"			ND	"	0.330				
1,3-Dichlorobenzene	"			ND	"	0.330				
1,4-Dichlorobenzene	"			ND	"	0.330				
3,3'-Dichlorobenzidine	"			ND	"	0.660				
2,4-Dichlorophenol	"			ND	"	0.330				
Diethyl phthalate	"			ND	"	0.330				
2,4-Dimethylphenol	"			ND	"	0.330				
Dimethyl phthalate	"			ND	"	0.330				
4,6-Dinitro-2-methylphenol	"			ND	"	1.67				
2,4-Dinitrophenol	"			ND	"	1.67				
2,4-Dinitrotoluene	"			ND	"	0.330				
2,6-Dinitrotoluene	"			ND	"	0.330				
Di-n-octyl phthalate	"			ND	"	0.330				
1,2-Diphenylhydrazine	"			ND	"	0.330				
Fluoranthene	"			ND	"	0.330				

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0080460-BLK1**									
Fluorene	8/30/00			ND	mg/kg	0.330				
Hexachlorobenzene	"			ND	"	0.330				
Hexachlorobutadiene	"			ND	"	0.330				
Hexachlorocyclopentadiene	"			ND	"	0.330				
Hexachloroethane	"			ND	"	0.330				
Indeno (1,2,3-cd) pyrene	"			ND	"	0.330				
Isophorone	"			ND	"	0.330				
2-Methylnaphthalene	"			ND	"	0.330				
2-Methylphenol	"			ND	"	0.330				
4-Methylphenol	"			ND	"	0.330				
Naphthalene	"			ND	"	0.330				
2-Nitroaniline	"			ND	"	1.67				
3-Nitroaniline	"			ND	"	1.67				
4-Nitroaniline	"			ND	"	1.67				
Nitrobenzene	"			ND	"	0.330				
2-Nitrophenol	"			ND	"	0.330				
4-Nitrophenol	"			ND	"	1.67				
N-Nitrosodimethylamine	"			ND	"	0.330				
N-Nitrosodiphenylamine	"			ND	"	0.330				
N-Nitrosodi-n-propylamine	"			ND	"	0.330				
Pentachlorophenol	"			ND	"	1.67				
Phenanthrene	"			ND	"	0.330				
Phenol	"			ND	"	0.330				
Pyrene	"			ND	"	0.330				
1,2,4-Trichlorobenzene	"			ND	"	0.330				
2,4,5-Trichlorophenol	"			ND	"	0.330				
2,4,6-Trichlorophenol	"			ND	"	0.330				
Surrogate: 2-Fluorophenol	"	*5.00*		*3.05*	"	*11.0-120*	*61.0*			
Surrogate: Phenol-d6	"	*5.00*		*3.30*	"	*16.0-130*	*66.0*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*2.18*	"	*16.0-126*	*65.5*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*2.55*	"	*28.0-134*	*76.6*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*4.19*	"	*51.0-144*	*83.8*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.25*	"	*64.0-119*	*97.6*			
LCS	**0080460-BS1**									
Acenaphthene	8/29/00	3.33		2.83	mg/kg	34.0-114	85.0			
4-Chloro-3-methylphenol	"	5.00		3.58	"	24.0-118	71.6			
2-Chlorophenol	"	5.00		3.57	"	29.0-101	71.4			
1,4-Dichlorobenzene	"	3.33		2.43	"	25.0-104	73.0			
2,4-Dinitrotoluene	"	3.33		2.69	"	42.0-116	80.8			
4-Nitrophenol	"	5.00		4.43	"	31.0-109	88.6			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**0080460-BS1**									
N-Nitrosodi-n-propylamine	8/29/00	3.33		2.75	mg/kg	23.0-117	82.6			
Pentachlorophenol	"	5.00		5.06	"	34.0-114	101			
Phenol	"	5.00		3.46	"	20.0-105	69.2			
Pyrene	"	3.33		2.97	"	30.0-124	89.2			
1,2,4-Trichlorobenzene	"	3.33		2.30	"	28.0-112	69.1			
Surrogate: 2-Fluorophenol	"	*5.00*		*3.50*	"	*11.0-120*	*70.0*			
Surrogate: Phenol-d6	"	*5.00*		*3.55*	"	*16.0-130*	*71.0*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*2.46*	"	*16.0-126*	*73.9*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*2.87*	"	*28.0-134*	*86.2*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*4.45*	"	*51.0-144*	*89.0*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.29*	"	*64.0-119*	*98.8*			
Matrix Spike	**0080460-MS1**		**P008382-01**							
Acenaphthene	8/30/00	3.33		3.05	mg/kg	30.0-110				
4-Chloro-3-methylphenol	"	5.00		3.57	"	27.0-109				
2-Chlorophenol	"	5.00		3.67	"	24.0-98.0				
1,4-Dichlorobenzene	"	3.33		2.45	"	24.0-89.0				
2,4-Dinitrotoluene	"	3.33		2.76	"	35.0-110				
4-Nitrophenol	"	5.00		4.33	"	20.0-110				
N-Nitrosodi-n-propylamine	"	3.33		2.89	"	23.0-109				
Pentachlorophenol	"	5.00		4.74	"	25.0-123				
Phenol	"	5.00		3.51	"	19.0-100				
Pyrene	"	3.33		3.48	"	12.0-131				
1,2,4-Trichlorobenzene	"	3.33		2.36	"	17.0-110				
Surrogate: 2-Fluorophenol	"	*5.00*		*3.47*	"	*11.0-120*	*69.4*			
Surrogate: Phenol-d6	"	*5.00*		*3.61*	"	*16.0-130*	*72.2*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*2.64*	"	*16.0-126*	*79.3*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*3.14*	"	*28.0-134*	*94.3*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*4.13*	"	*51.0-144*	*82.6*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.87*	"	*64.0-119*	*116*			
Matrix Spike Dup	**0080460-MSD1**		**P008382-01**							
Acenaphthene	8/30/00	3.33		2.26	mg/kg	30.0-110		26.0		
4-Chloro-3-methylphenol	"	5.00		2.80	"	27.0-109		21.0		
2-Chlorophenol	"	5.00		2.22	"	24.0-98.0		27.0		
1,4-Dichlorobenzene	"	3.33		1.59	"	24.0-89.0		25.0		
2,4-Dinitrotoluene	"	3.33		2.42	"	35.0-110		15.0		
4-Nitrophenol	"	5.00		4.19	"	20.0-110		23.0		
N-Nitrosodi-n-propylamine	"	3.33		1.78	"	23.0-109		31.0		
Pentachlorophenol	"	5.00		4.64	"	25.0-123		43.0		
Phenol	"	5.00		2.30	"	19.0-100		21.0		

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	**0080460-MSD1**		**P008382-01**							
Pyrene	8/30/00	3.33		3.31	mg/kg	12.0-131		26.0		
1,2,4-Trichlorobenzene	"	3.33		1.53	"	17.0-110		30.0		
Surrogate: 2-Fluorophenol	"	*5.00*		*2.14*	"	*11.0-120*	*42.8*			
Surrogate: Phenol-d6	"	*5.00*		*2.30*	"	*16.0-130*	*46.0*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*1.62*	"	*16.0-126*	*48.6*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*2.05*	"	*28.0-134*	*61.6*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*3.89*	"	*51.0-144*	*77.8*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.69*	"	*64.0-119*	*111*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Conventional Chemistry Parameters by APHA/EPA Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080463	**Date Prepared: 8/21/00**					**Extraction Method: CA LUFT - orb shaker**				
Blank	0080463-BLK1									
Oil & Grease	8/22/00			ND	mg/kg	50.0				
LCS	0080463-BS1									
Oil & Grease	8/22/00	667		797	mg/kg	80.0-120	119			
LCS Dup	0080463-BSD1									
Oil & Grease	8/22/00	667		743	mg/kg	80.0-120	111	20.0	6.96	
Duplicate	0080463-DUP1		P008391-01							
Oil & Grease	8/22/00		ND	100	mg/kg			20.0		
Matrix Spike	0080463-MS1		P008391-01							
Oil & Grease	8/22/00	667	ND	743	mg/kg	75.0-125	111			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Notes and Definitions

#	Note
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

ARCO Products Company
Division of Atlantic-Richfield Company

Task Order No.

Chain of Custody

ARCO Facility no. 414	City (Facility) Berkeley	Project manager (Consultant) Darryk Ataide	Laboratory name SEQ
ARCO engineer Paul Supple	Telephone no. (ARCO) (925) 299-8891	Telephone no. (Consultant) (510) 420-3339	Fax no. (Consultant) (510) 420-9170
Consultant name	Address (Consultant)		Contract number 26358 00

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA M602/8020/8015 -6x5	TPH Modified 8015 Gas ☐ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals ☐ Semi VOA ☐ VOA ☐	CAM METALS EPA 6010/7000 TTLC ☐ STLC ☐	Lead Org./DHS ☐ Lead EPA 7420/7421 ☐		
EX-8		2	X			X		8-16-00	1530		X		X				X			X	-01	
EX-9		2	X			X			1545		X		X				X			X	-02	
EX-10		2	X			X			1600		X		X				X			X	-03	
EX-11		2	X			X		↓	1630		X		X				X			X	-04	

Method of shipment: P008391

Special detection Limit/reporting

Special QA/QC

Remarks: 24 hr Rush for TPHg / BTEX / MTBE / Lead

Normal TAT For O+G and 8270

Lab number

Turnaround time

- Priority Rush 1 Business Day ☒
- Rush 2 Business Days ☐
- Expedited 5 Business Days ☐
- Standard 10 Business Days ☒

Condition of sample:		Temperature received:	
Relinquished by sampler: D. Amis	Date / Time	Received by:	8-17-00 1445
Relinquished by	Date / Time	Received by	
Relinquished by	Date / Time	Received by	Date / Time

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

APPENDIX D

Waste Disposal Confirmation Letters and Manifests

Dillard Trucking, Inc. dba

Dillard Environmental Services

P. O. Box 579 · Byron, CA 94514
Phone (925) 634-6850 – Fax (925) 634-0569
EPA #CAD982523433 · D.T.S.C. #1715 · CA LIC #624665-A HAZ

Via Fax (510) 420-9170

November 22, 2000

Attn: Jason Olsen
Cambria Environmental
1144 65th Street, Suite C
Oakland, CA 94608

RE: **ARCO #00414**
3000 Shattuck Ave.
Berkeley, CA

Dear Mr. Olsen:

Please be advised that 1,416.99 tons of petroleum contaminated soils from the referenced site has been removed. The soil was transported for disposal to Forward Landfill in Manteca, California on 8/17/00, 8/19/00, 9/01/00, 10/17/00, 10/25/00.

Dillard also transported 1,200 gallons of non-hazardous water from the same site on 8/31/00 to Seaport Environmental in Redwood City, California.

Should you have any questions, please do not hesitate to call.

Sincerely,

Dillard Trucking, Inc. dba,
DILLARD ENVIRONMENTAL SERVICES

Lynette Smith

Lynette Smith
Customer Service Representative

ADAMS SERVICES, INC.

406 E. Alondra Blvd., Gardena, CA 90248-2902
(310) 523-4430 Δ FAX (310) 523-1518

CERTIFICATE OF DISPOSAL

This certifies that the following tanks were delivered to San Bernardino County Solid Waste Management's Mid-Valley Landfill for destruction (see Receiving Tickets 21079723, 21079699, 21079719, below and attached)

Date: August 14, 2000

Site: ARCO #0414
3000 Shattuck Avenue
Berkeley, CA

Tank: 3 - 12,000 gallon fiberglass tanks

SAN BERNARDINO COUNTY
WASTE SYSTEM DIVISION
222 W. HOSPITALITY LANE, 2ND FLOOR
SAN BERNARDINO, CA 92415-0017

WEIGHT RECEIPT

Transaction # 21079723

Decal 023002
Vehicle Id
Container
Customer ADAMS SERVICES INC.
Account 000167

Date 08/14/00
Time In 10:32
Time Out 11:00
Operator NB/ JH
Location 21 Mid-Valley #1

Transaction 200 - Commercial
Material 100 - Trash
Origin 1 - Not Specified
Origin
Origin

Payment By 1 - Charge
Destination 100 - Mid-Valley LF
3040 LBS 1.52 TN 100 % of load
LBS TN % of load
LBS TN % of load

	Lbs	Tons	Scale
Gross	33340	16.67	1
Tare	30300	15.15	1
Net	3040	1.52	

Tipping Fee @ /tn
Special Fee HH-1
Total Fee HH-Hard to Handle Sur

comming from berkeley
Please make note of rate changes August 10th. See the scalehouse for details.

Driver Signature: _____

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99789357

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800 424-8802; WITHIN CALIFORNIA, CALL 1 800 852 7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA1000023613 — Manifest Document No. 01002 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623

4. Generator's Phone 714 670-5405

A. State Manifest Document Number 99789357

B. State Generator's ID

5. Transporter 1 Company Name: T & T TRUCK & CRANE — 6. US EPA ID Number: CAL000323736

C. State Transporter's ID [Reserved.]

D. Transporter's Phone 661-393-0795

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Transporter's ID [Reserved.]

F. Transporter's Phone

9. Designated Facility Name and Site Address
D/X ENVIRONMENTAL
3650 E. 26th STREET
VERNON, CA 90023

10. US EPA ID Number: CAT080033681

G. State Facility's ID: CAT080033681

H. Facility's Phone 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State / EPA/Other 512 N/A
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave: Berkeley, CA

Contractor: Petcon Technologies

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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GENERATOR

Printed/Typed Name [illegible] — Signature [signature] — Month 01 Day 11 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name CHAD CHRISTIC — Signature [signature] — Month 01 Day 11 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name — Signature — Month Day Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000023651 — Manifest Document No. 000001 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623
4. Generator's Phone 714) 670-5405

A. State Manifest Document Number 99789350
B. State Generator's ID

5. Transporter 1 Company Name — 6. US EPA ID Number
ADAMS SERVICES, INC. — CAL922125668
C. State Transporter's ID [Reserved.]
D. Transporter's Phone 310-523-4430

7. Transporter 2 Company Name — 8. US EPA ID Number
E. State Transporter's ID [Reserved.]
F. Transporter's Phone

9. Designated Facility Name and Site Address — 10. US EPA ID Number
DeMENNO/KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222 — CAT080013352
G. State Facility's ID CAT080013352
H. Facility's Phone 310-537-7100

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. (OIL & WATER, NON-R.C.R.A. HAZARDOUS WASTE LIQUID	001	TT	00400	G	State 241 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
99% WATER
1% OIL

K. Handling Codes for Wastes Listed Above
a. 01 b. c. d.

15. Special Handling Instructions and Additional Information
DON PROPER PROTECTIVE GEAR
NO SMOKING; E.R.G. #27
EMERGENCY #:

Site: ARCO #0414
3000 Shattuck Ave; Berkeley, CA

Contractor: Petcon Technologies

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GENERATOR — Printed/Typed Name [illegible] — Signature [signature] — Month 01 Day 11 Year 00

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Tim Jeanes — Signature [signature] — Month 01 Day 11 Year 00
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY
19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name [illegible] — Signature [signature] — Month 01 Day 14 Year 00

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802 WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/99)
EPA 8700-22

Green: TRANSPORTER RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99789358

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000023631 — Manifest Document No. 000 03 — 2. Page 1 of 1

Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623
4. Generator's Phone 714 670-5405

A. State Manifest Document Number: 99789358
B. State Generator's ID:

5. Transporter 1 Company Name: ADAMS SERVICES, INC.
6. US EPA ID Number: CAL912212556
C. State Transporter's ID [Reserved.]
D. Transporter's Phone: 310-523-4430

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID [Reserved.]
F. Transporter's Phone:

9. Designated Facility Name and Site Address
D/S ENVIRONMENTAL
3650 E. 26th STREET
VERNON, CA 90023
10. US EPA ID Number: CAT080033681
G. State Facility's ID: CAT080033681
H. Facility's Phone: 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State: EPA/Other: 512 N/A
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave; Berkeley, CA

Contractor: Petcon Technologies

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Printed/Typed Name: [illegible] Signature: [signature] Month 08 Day 17 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Pavich Signature: [signature] Month 08 Day 17 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

FACILITY

19. Discrepancy Indication Space

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Printed/Typed Name: Signature: Month Day Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99789356

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000023651 — Manifest Document No. 000001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623
4. Generator's Phone (714) 670-5405

A. State Manifest Document Number: 99789356
B. State Generator's ID:

5. Transporter 1 Company Name: T & T TRUCK & CRANE
6. US EPA ID Number: CAL000327867
C. State Transporter's ID [Reserved.]
D. Transporter's Phone: 661-393-0795

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID [Reserved.]
F. Transporter's Phone:

9. Designated Facility Name and Site Address
D/K ENVIRONMENTAL
3650 E. 26th STREET
VERNON, CA 90023
10. US EPA ID Number: CATO80033681
G. State Facility's ID: CAT080033681
H. Facility's Phone: 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State: 512 / EPA/Other: N/A
b.					State: / EPA/Other:
c.					State: / EPA/Other:
d.					State: / EPA/Other:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave; Berkeley, CA

Contractor: Petcon Technologies

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Printed/Typed Name: Kevin O'Neill — Signature: [signature] — Month 08 Day 11 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Wright Wood — Signature: [signature] — Month 08 Day 11 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: — Signature: — Month Day Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law
CA1000023651	010012		

3. Generator's Name and Mailing Address ARCO PRODUCTS CO. 4 CENTERPOINTE DR.; LA PALMA, CA 90623 4. Generator's Phone 714) 670-5405	A. State Manifest Document Number 99789357 B. State Generator's ID
5. Transporter 1 Company Name T & T TRUCK & CRANE 6. US EPA ID Number CAL000032736	C. State Transporter's ID [Reserved.] D. Transporter's Phone 661-393-0795
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID [Reserved.] F. Transporter's Phone
9. Designated Facility Name and Site Address D/X ENVIRONMENTAL 3650 E. 26th STREET VERNON, CA 90023 10. US EPA ID Number CAT080033681	G. State Facility's ID CAT080033681 H. Facility's Phone 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State EPA/Other 512 N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Above	
	a. 99	b.
	c.	d.

15. Special Handling Instructions and Additional Information

WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave: Berkeley, CA

Contractor: Petcon Technologies

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Printed/Typed Name	Signature	Month	Day	Year
M. [illegible]	[signature]	01	11	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CHAD CHRISTIC	[signature]	01	11	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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Printed/Typed Name	Signature	Month	Day	Year

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GENERATOR RETAINS

GENERATOR

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99789357

APPENDIX E

Soil Stockpile Laboratory Analytical Report

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

22 September, 2000

Darryk Ataide
Cambria - Oakland
1144 65th St. Suite C
Oakland, CA 94608

RE: Arco
Sequoia Report: W009362

Enclosed are the results of analyses for samples received by the laboratory on 15-Sep-00 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1,2,3,4	W009362-01	Soil	13-Sep-00 09:45	15-Sep-00 17:30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Charlie Westwater, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland	Project: Arco	
1144 65th St. Suite C	Project Number: Arco #414	**Reported:**
Oakland CA, 94608	Project Manager: Darryk Ataide	22-Sep-00 10:45

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1,2,3,4 (W009362-01) Soil	**Sampled: 13-Sep-00 09:45**	**Received: 15-Sep-00 17:30**							
Purgeable Hydrocarbons	**7.4**	1.0	mg/kg	20	0I19004	19-Sep-00	19-Sep-00	EPA 8015/8020	P-06
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	**0.0068**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.011**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.044**	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*40-140*		"	"	"	"	

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Sequoia Analytical

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Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
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Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1,2,3,4 (W009362-01) Soil	**Sampled: 13-Sep-00 09:45**	**Received: 15-Sep-00 17:30**							
Lead	2.7	1.0	mg/kg	1	0I13007	16-Sep-00	17-Sep-00	EPA 6010A	

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FAX (925) 988-9673
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Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I19004 - EPA 5030B [MeOH]										
Blank (0I19004-BLK1)				Prepared & Analyzed: 19-Sep-00						
Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.596*		"	*0.600*		*99.3*	*40-140*			
LCS (0I19004-BS1)				Prepared & Analyzed: 19-Sep-00						
Benzene	0.698	0.0050	mg/kg	0.800		87.3	50-150			
Toluene	0.716	0.0050	"	0.800		89.5	50-150			
Ethylbenzene	0.746	0.0050	"	0.800		93.2	50-150			
Xylenes (total)	2.21	0.0050	"	2.40		92.1	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.658*		"	*0.600*		*110*	*40-140*			
Matrix Spike (0I19004-MS1)		Source: W009351-03		Prepared & Analyzed: 19-Sep-00						
Benzene	0.876	0.0050	mg/kg	0.800	ND	109	50-150			
Toluene	0.908	0.0050	"	0.800	0.0088	112	50-150			
Ethylbenzene	0.934	0.0050	"	0.800	ND	117	50-150			
Xylenes (total)	2.79	0.0050	"	2.40	0.011	116	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.682*		"	*0.600*		*114*	*40-140*			
Matrix Spike Dup (0I19004-MSD1)		Source: W009351-03		Prepared & Analyzed: 19-Sep-00						
Benzene	0.886	0.0050	mg/kg	0.800	ND	111	50-150	1.14	20	
Toluene	0.922	0.0050	"	0.800	0.0088	114	50-150	1.53	20	
Ethylbenzene	0.950	0.0050	"	0.800	ND	119	50-150	1.70	20	
Xylenes (total)	2.83	0.0050	"	2.40	0.011	117	50-150	1.42	20	
Surrogate: a,a,a-Trifluorotoluene	*0.684*		"	*0.600*		*114*	*40-140*			

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Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I13007 - EPA 3050B										
Blank (0I13007-BLK1)				Prepared: 13-Sep-00 Analyzed: 17-Sep-00						
Lead	ND	1.0	mg/kg							
LCS (0I13007-BS1)				Prepared: 13-Sep-00 Analyzed: 19-Sep-00						
Lead	48.0	1.0	mg/kg	50.0		96.0	80-120			
LCS Dup (0I13007-BSD1)				Prepared: 16-Sep-00 Analyzed: 17-Sep-00						
Lead	53.4	1.0	mg/kg	50.0		107	80-120	10.7	20	
Matrix Spike (0I13007-MS1)		**Source: W009250-01**		Prepared: 13-Sep-00 Analyzed: 17-Sep-00						
Lead	146	1.0	mg/kg	50.0	110	72.0	80-120			Q-01
Matrix Spike Dup (0I13007-MSD1)		**Source: W009250-01**		Prepared: 13-Sep-00 Analyzed: 17-Sep-00						
Lead	148	1.0	mg/kg	50.0	110	76.0	80-120	1.36	20	Q-01

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Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland	Project: Arco	
1144 65th St. Suite C	Project Number: Arco #414	**Reported:**
Oakland CA, 94608	Project Manager: Darryk Ataide	22-Sep-00 10:45

Notes and Definitions

P-06	Chromatogram Pattern: Gasoline C6-C12+ Unidentified Hydrocarbons >C8
Q-01	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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PAGE 218 STATE WATER RESOURCES CONTROL BOARD 05/27/89
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR ALAMEDA COUNTY
CONTAINER TYPES: 1,2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
ARCO PETROLEUM PRODUCTS CO.
515 SOUTH FLOWER STREET LOS ANGELES CA 90071

II FACILITY
BHUSHA K BANYAL MAILING ADDRESS DEALER/FOREMAN/SUPERVISOR TYPE OF BUSINESS
3000 SHATTUCK AVE TOWNSHIP/RANGE/SECTION TELEPHONE NO. OF CONTAINERS
BERKELEY CA 94705 3000 SHATTUCK AVE GASOLINE STATION
BERKELEY CA CA 94705
CROSS STREET : (000) 000-0000 3

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: ARCO PETROLEUM PRODUCTS CO. (800) 421-7457 NIGHT: ARCO PETROLEUM PRODUCTS CO. (800) 421-7457

********** OWNER ASSIGNED CONTAINER NUMBER: 000000001 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000026919001 *********

IV DESCRIPTION
A. CONTAINER TYPE : TANK E. REPAIRS : NONE IF YES WHEN :
B. MANUFACTURER/YR OF MFG: / F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : 1982 G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 12,000 H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: GASOLINE

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: INCHES B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : UNKNOWN
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
LINE LEAK DETECTORS STOCK INVENTORY OTHER

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE

PAGE 219

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR ALAMEDA COUNTY
CONTAINER TYPES: 1,2,3,4,5

05/27/89

(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

********** OWNER ASSIGNED CONTAINER NUMBER: 0000000002 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00)000026919002 **********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG:
C. YEAR INSTALLED : 1982
D. CAPACITY (GALLONS) : 12,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: GASOLINE

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: INCHES B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : UNKNOWN
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
LINE LEAK DETECTORS STOCK INVENTORY OTHER

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE

********** OWNER ASSIGNED CONTAINER NUMBER: 0000000003 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 000)026919003 **********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG:
C. YEAR INSTALLED : 1982
D. CAPACITY (GALLONS) : 12,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: GASOLINE

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: INCHES B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : UNKNOWN
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
LINE LEAK DETECTORS STOCK INVENTORY OTHER

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE

ALAMEDA COUNTY
HEALTH CARE SERVICES
DAVID J. KEARS, AGENCY
~~MICHAEL LEAHY~~ Agency Director

470-27th Street, Third Floor
Oakland, California 94612
(415) 271-4320

62

April 12, 1988

CALIFORNIA REGIONAL WATER
APR 15 1988
QUALITY CONTROL BOARD

Arco Petroleum Products Co.
3134 Auburn Blvd.
Sacramento, CA 95821
Attn: Alex E. Woelper

SUBJECT: Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report

Dear Mr. Woelper:

On March 31, 1988, our office received a report of a failed underground storage tank test from your office for the following facilities:

1. Facility #414
   3000 Shattuck Ave.
   Berkeley, CA
2. Facility #4931
   731 MacArthur Blvd.
   Oakland, CA

The California Administrative Code, Title 23, requires all unauthorized releases to be reported. Section 2652(b) requires within 5 working days of detecting the release, the operator or permittee shall submit to the local agency (Alameda County Hazardous Materials Division) a full written report to include all of the following information which is known at the time of filing the report:

1. List of type and quantity of hazardous substances released.
2. The results of all investigations completed at that time to determine the extent of soil or ground water or surface water contamination due to the release.
3. Method of clean-up implemented to date, proposed clean-up actions, and approximate cost of actions taken to date.
4. Method and location of disposal of the released hazardous substance and any contaminated soils or ground water or surface water (indicate whether a hazardous waste manifest(s) is utilized).
5. Proposed method of repair or replacement of the primary and secondary containers.
6. Facility operator's name and telephone number.

Until clean-up is complete, the operator or permittee shall submit reports to the County and the Regional Water Quality Control Board (RWQCB) every three (3) months or at a more frequent interval if specified by either agency. The reports shall include the information requested in (2), (3), and (4) of the above. The report requested above shall be prepared in accordance with the San Francisco Regional Water Quality Control Board's "Guidelines for Addressing Fuel Leaks", September 1985. The initial investigation report shall be submitted within 30 days and shall include a site safety plan.

Soils contaminated at hazardous waste concentrations shall be transported by a licensed hazardous hauler and disposed of or treated at a California Department of Health Services approved facility. Soils contaminated below hazardous waste concentrations may be managed as non-hazardous but are subject to waste discharge requirements of the Regional Board.

Enclosed is an "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" which should be completed and returned within 5 working days. Please be advised that the City of Berkeley, Division of Environmental Health implements the State Underground Storage Tank Regulations for the City of Berkeley and are excluded from enforcement by the County.

Should you have any questions regarding this letter, please contact Lizabeth Rose, Hazardous Materials Specialist at (415) 271-4320.

Sincerely,

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:LR:mam

cc: Regional Water Quality Control Board
Berkeley Fire Department
Oakland Fire Department
City of Berkeley, Environmental Health

Planning and Development Department
Toxics Management Division
April 21, 2004

Mr. Paul Supple
ARCO
P.O. Box 6549
Moraga, California 94570

Subject: 3000 Shattuck Avenue, ARCO Station No. 0414

Dear Mr. Supple:

The City of Berkeley, Toxics Management Division (TMD) has reviewed groundwater monitoring reports submitted on behalf of ARCO by URS Corporation (URS) for the period beginning with the second quarter 2003 through the current submittal, first quarter 2004. Continued monitoring and assessment is recommended on the basis of the information submitted.

The report indicates consistent, continuing, decreases of fuel constituents in groundwater in the on-site and downgradient areas. These decreases are also indicated for the fuel oxygenates. On the basis of these observations, please provide the TMD with your proposal to complete this project. An appropriately scaled risk assessment and completion of the TMD site closure summary forms will be required before considering this case for referral to the Regional Water Quality Control Board, San Francisco Bay Region, for closure. The closure documents should consider appropriate site risk management protocols, should any residual contaminants remain in soil or groundwater post-closure.

The TMD will forward an invoice for $480.00 to ARCO for four hours of staff work on this project. Staffs work included review of the referenced URS reports, updating TMD project tracking databases, and preparation and distribution of this letter. Please call (510) 981-7467 if you have any questions.

Sincerely,

Geoffery A. Fiedler
Hazardous Materials Specialist, II

Cc: Betty Graham, Regional Water Quality Control Board, 1515 Clay Street, Oakland, California 94612
Scott Robinson, URS Corporation, 1333 Broadway, Suite 800, Oakland California, 94612-1924

GF:gf

gwm042104a.DOC

2118 Milvia Street, Suite 200, Berkeley, California 94704 TEL: (510) 981-7460 TDD: (510) 981-6903 FAX: (510) 981-7470

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Infrastructure, environment, buildings

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Atlantic Richfield Company

Case Closure Summary Report

Former British Petroleum Station #00414
City of Berkeley case #27540.
3000 Shattuck Avenue
Berkeley, California

June 9, 2010

ARCADIS

Case Closure Summary Report
Former British Petroleum Station
#00414

Hollis Phillips, PG
Project Manager

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Our Ref.:
GP09BPNA.C012

Date:
June 9, 2010

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Acronyms and Abbreviations iii

1. Introduction 1

1.1 Site Background 2

1.2 Site Characterization Activities 2

1.2.1 Groundwater Monitoring 3

1.2.2 Underground Storage Tank Removals 3

2. Extent of Soil and Groundwater Pollution 6

This section discusses the extent of soil and groundwater impacts at the site. 6

2.1 Soil 6

2.2 Groundwater 6

2.3 Separate-Phase Hydrocarbon Status 7

2.4 Unauthorized Release 7

2.5 Hydraulic Gradient Trends 8

3. Beneficial Uses 9

3.1 San Francisco Bay RWQCB Basin Plan 9

3.2 Sensitive Receptor Survey and Potential Exposure Pathways 9

4. Remedial Activities 12

5. Remedial Effectiveness 13

6. Conclusions 14

7. References 16

Tables

Table 1 Historical Soil Results

Table 2 Historical Groundwater Results

Table 3 Historical Groundwater Flow Direction and Gradient

Table 4 Most Recent Maximum Concentration of Contaminants Detected in Soil and Groundwater

Figures

Figure 1 Site Location Map

Figure 2 Site Vicinity Map

Figure 3 Site Plan with Historical Soil Boring Locations

Figure 4 Soil Sample Locations Collected During UST Removal Activities

Figure 5 Historical Lateral Extent of TPHg Soil Impacts

Figure 6a Historical Vertical Extent of TPHg Soil Impacts; Cross Section A-A'

Figure 6b Historical Vertical Extent of TPHg Soil Impacts; Cross Section B-B'

Figure 7 Extent of TPHg and MTBE Groundwater Impacts – July 2009 and March 2010

Figure 8 Extent of TPHg and MTBE Groundwater Impacts Prior to Unauthorized Release – July 2007

Figure 9 Historical Groundwater Flow Direction

Figure 10 February 2008 Potentiometric Surface Contours

Figure 11 Conceptual Site Model

Appendices

Appendix A Monitoring Well Construction Details and Soil Boring Logs

Appendix B Concentration versus Time Graphs for MTBE

Appendix C Alameda County Environmental Health Case Closure Summary

Acronyms

ARCO	Atlantic Richfield Company
BAI	Broadbent Associates, Inc.
Basin Plan	*San Francisco Bay Basin (Region 2) Water Quality Control Plan*
bgs	below ground surface
BP	British Petroleum
BTEX	benzene, toluene, ethylbenzene and xylene
btoc	below top of casing
Cambria	Cambria Environmental Technology, Inc
COC	contaminant of concern
DTSC	Department of Toxic Substances Control
EA	EA Engineering, Science, and Technology
ESL	environmental screening level
GRI	Gettler-Ryan, Inc.
GSI	GeoStrategies, Inc.
MCL	maximum contaminant level
MTBE	methyl tertiary butyl ether
site	former British Petroleum station No.00414 located at 3000 Shattuck Avenue Berkeley, California
SRS	Sensitive Receptor Survey

TBA	tert-butyl alcohol
TMDCB	Toxics Management Division of the City of Berkeley
TPHd	total petroleum hydrocarbons as diesel
TPHg	total petroleum hydrocarbons as gasoline
USEPA	United States Environmental Protection Agency
UST	underground storage tank
Water Board	California Regional Water Quality Control Board
µg/L	microgram per liter

1. Introduction

ARCADIS has prepared this *Case Closure Summary Report* (report) for the former British Petroleum (BP) Station No.00414 located at 3000 Shattuck Avenue Berkeley, California (site), City of Berkeley case #27540. Case closure is warranted for the site based on the following information:

- Petroleum hydrocarbon sources, including free product and other potential secondary sources, have been removed as evidenced by site conditions, prior to an apparent unauthorized release that occurred after BP sold the property.

- Current groundwater concentrations of contaminants of concern (COCs) are:

  - methyl tert-butyl ether (MTBE) ranging from below detection (<0.50 to 21 micrograms per liter [µg/L])

  - total petroleum hydrocarbons as gasoline (TPHg) ranging from below detection (<50 µg/L) to 330 µg/L

  - benzene ranging from below detection (<0.5 µg/L) to 1.2 µg/L

  - toluene below detection (<0.5 µg/L),

  - ethylbenzene ranging from below detection (<0.5 µg/L) to 2.4 µg/L

  - xylenes below detection (<0.5 to <1 µg/L)

- The site has been adequately characterized.

- The low-level plume is decreasing in size and concentration (with the exception of the new, unauthorized release).

- No sensitive receptors are likely to be impacted, including surface-water bodies, municipal wells and drinking water sources.

- The site presents no current or potential risk to human health or the environment that is the responsibility of BP.

1.1 Site Background

The site is an operational service station located on the southwest corner of the intersection of Shattuck and Ashby Avenues in Berkeley, California (Figure 1). The site consists of a station building with two service bays, two dispenser islands with a concrete drive slab and a canopy. The site has three underground storage tanks (USTs) that contain gasoline, and one waste oil UST. There is no documentation as to when the service station began operation; however, Atlantic Richfield Company (ARCO) operated the service station in 1992. ARCO later became an affiliate of BP and the site was operated under BP until it was sold to Mr. Shahzada Khan on February 25, 2004. Aerial photographs show that the site is currently operating.

1.2 Site Characterization Activities

At ARCO's request, four exploratory borings (A-1 through A-4) were installed on October 28, 1991 using a hollow-stem auger rig; the borings were completed as monitoring wells by GeoStrategies, Inc. (GSI) (Figure 3). Monitoring well construction details are presented in Appendix A. Soil samples were collected at 5-foot intervals from each boring location; only samples collected from the 10- and 15-foot intervals were submitted for laboratory analysis. Table 1 presents soil sample results and the environmental screening levels (ESLs) for soil.

From August 3 through 6, 1992, GSI installed one groundwater recovery well (AR-1) and six vapor extraction/monitoring wells (AV-1 through AV-6) (Figure 3). For borings AR-1 and AV-2 through AV-5, soil samples were collected at 5-foot intervals, from grade to 10 feet below ground surface (bgs). Boring AV-6 was sampled from 5 to 8.5 feet bgs. However, only two soil samples per location were submitted for laboratory analysis. Table 1 provides sampling depthsand summarizes the soil sample results from each well (GSI 1992b). Of the 14 soil samples collected, five samples exceeded their respective ESL for benzene and there was one detection above the ESL for xylenes (Table 1).

Groundwater samples were collected from monitoring wells A-1 through A-4 on November 7, 1991. Table 2 presents groundwater results and the ESLs for groundwater.

1.2.1 Groundwater Monitoring

Groundwater monitoring has been conducted at the site since November 1991. To date, six wells (A-1 through A-5 and AR-1) have been installed at the site. Documentation describing the installation activities of monitoring well A-5 was not available; however, the first groundwater sample was collected in April 2002.

The following wells are no longer sampled:

- Well A-1, which was destroyed in August 2000.

- Due to an apparent unauthorized release in the vicinity of A-2 and subsequent contamination of well AR-1 (described in Section 2.4), groundwater monitoring was discontinued in both wells in February 2008.

- Sampling ceased at well A-3 in August 2005 because all analytes had been below laboratory reporting limits since 2001.

Well A-4 was sampled quarterly from November 1991 until 2009, when the sampling frequency changed to semiannually. In 2010, the sampling frequency changed to annually. The most recent (July 3009) concentrations of TPHg (55 µg/L) and MTBE (2.8 µg/L) are below applicable ESLs of 100 and 5 µg/L, respectively. Benzene, toluene, ethylbenzene and xylene (BTEX) constituents have been below laboratory reporting limits since October 2002. Well A-5 has been sampled quarterly from April 2002 until 2009, when the sampling frequency changed to semiannually. TPHg concentrations are currently 330 µg/L and MTBE concentrations are currently 21 µg/L, both slightly exceeding their applicable groundwater ESLs. BTEX concentrations are currently below ESLs in well A-5. Table 2 presents historical groundwater monitoring data.

1.2.2 Underground Storage Tank Removals

On June 15, 1992, Gettler-Ryan, Inc. (GRI) removed an oil-water separator/clarifier from beneath a garage bay at the site. During the removal EA Engineering, Science and Technology (EA) collected soil and concrete samples; results were presented in*Report of Oil-water Separator/Clarifier Investigation* (EA 1992).

On November 19, 1997, the decommissioning of a 200-gallon waste oil UST was initiated by GRI and supervised by a representative of the Toxics Management Division

of the City of Berkeley (TMDCB). The tank was removed from the excavation pit and transported to a processing facility in Richmond, CA. The exterior of the tank exhibited minor scaling, pitting and rust but no indications of perforations were noted. Soil discoloration was noted along the sidewalls of the excavation pit but there was no petroleum hydrocarbon odor. One soil sample was collected from approximately 2 feet below the base of the excavation pit following the removal of the UST; however, no groundwater samples were collected. The sample, identified as “WO Tank” had no detections of TPHg, BTEX or total petroleum hydrocarbons as diesel (TPHd) (Table 1). After the data was reviewed, TMDCB granted permission for the installation of a new fiberglass 500-gallon waste oil tank in the same excavation pit (Pacific Environmental Group, Inc. 1998).

Cambria Environmental Technology, Inc. (Cambria) oversaw the removal of three 12,000-gallon fiberglass USTs and associated product piping from August 11 through 24, 2000. Dr. Nabil Al-Hadithy of the TMDCB observed the removal activities. No leaks were identified in the USTs during removal and the three fiberglass USTs were transported to San Bernardino County Solid Waste Management’s Mid-Valley Landfill for disposal. Free product was observed in the excavation pit and under the direction of Dr. Al-Hadithy, Cambria coordinated the removal and disposal of all free product that entered the excavation area. Approximately 400 gallons of nonhazardous oil and water was removed and transported to DeMenno/Kerdoon Facility in Compton, California for recycling. Additionally, 1,200 gallons of nonhazardous water was extracted from the UST excavation area and transported to the Seaport Environmental Facility in Redwood City, California for disposal.

During removal activities, well A-1 was destroyed when the well was sheared off at 15 feet bgs by a construction contractor. Cambria filled the remaining casing with neat cement before concluding removal activities (Cambria 2000). There is no documentation on the installation of the new, replacement USTs; however, based on report figures produced after the UST removal, it appears that the new USTs were placed west of the former UST pit, between wells A-1 and AV-1.

Soil samples were collected from beneath the former USTs and along the sidewalls of the UST excavation area. The locations of all soil samples collected during the UST, dispenser island and product piping removal are illustrated on Figure 4. Soil sample results are provided in Table 1.

Over-excavation activities were completed in August 2000, during the time soil sample DP-2 was collected. The BTMD regulator present during the activities requested soil?

and pea-gravel be over-excavated from the UST tank pit area to expose native soil. In addition, the northern-most dispenser island area was also over-excavated (location of soil sample DP-2). The over-excavated area surrounding DP-2 was approximately 88 square feet in area and extended 2 feet below native soil. Product piping trenches were over-excavated to a depth of 2 feet below native soil. A total of approximately 1,416 tons of soil was over-excavated from the UST tank pit, northern-most dispenser island and product piping trenches. Dillard Environmental Services of Byron, California transported the over-excavated soil to the Forward Landfill in Manteca, California for disposal.

2. Extent of Soil and Groundwater Pollution

This section discusses the extent of soil and groundwater impacts at the site.

2.1 Soil

The vadose zone is estimated to be encountered at 12 feet bgs, based on historical depth-to-water readings from 1991 to present (i.e., 12 feet bgs represents the deepest groundwater has been at the site and therefore encompasses the smear zone). Any soil results referred to in this section are for samples collected from depths not exceeding 12 feet bgs. Although saturated soil samples have been collected (at depths exceeding 12 feet bgs), it is our assumption that these concentrations may not accurately represent vadose zone soil conditions due to potential interactions with groundwater.

Impacted soil has been encountered during soil boring and monitoring well installation events, and during UST and associated piping replacement activities. Based on previous investigations conducted between 1991 and 2000, maximum contaminant levels were observed at soil sample location DP-2 at a depth of 2 feet bgs (Table 1)

Historical soil data and associated ESLs are provided in Table 1. The historical lateral extent of TPHg impacts is provided on Figure 5. The vertical extent of historical TPHg soil impacts is provided on Figures 6a and 6b. Soil boring and well construction logs are included as Appendix A. ESL values are taken from *Table K-2– Direct Contact to a Commercial/Industrial Receptor* (Regional Water Quality Control Board [Water Board] 2008) because maximum contaminant concentrations were detected on site and it is anticipated that the site will remain designated as commercial/industrial.

2.2 Groundwater

Historically, TPHg has been reported at concentrations greater than laboratory reporting limits in wells A-1, A-2, A-4, A-5 and AR-1. The highest concentration was reported in well AR-1 (31,000 •g/L; November 1992), located directly west of the UST excavation pit. The last two samples collected at AR-1 prior to the recent unauthorized release (discussed in Section 2.4) indicated that the TPHg concentration was 67 µg/L in July 2007 and below laboratory reporting limits in February 2008. TPHg had not been detected in A-2 since April 2004 (prior to recent unauthorized release) with one exception in January 2006 (81 µg/L, which is below the ESL). TPHg has been below laboratory reporting limits in A-4 since July 2008, with two exceptions (both below the

ESL): a detection of 60 µg/L in July 2007 and 55 µg/L in July 2009. TPHg concentrations have steadily declined at well A-5, with a current concentration of 330 µg/L. Appendix B presents concentration versus time graphs.

Historically, MTBE was detected above laboratory reporting limits in all wells except for A-3, with the historical maximum concentration of 8,400 µg/L observed at A-1 in October 1996. MTBE concentrations have steadily declined in all monitoring wells (Appendix B), with a current maximum concentration of 21 µg/L detected at well A-5.

BTEX constituents have consistently been below their respective ESLs since November 2004, with one exceedance of benzene (6 µg/L) in January 2009 at well A-5. Concentrations of tert-butyl alcohol (TBA) have consistently been below laboratory reporting limits in wells A-2, A-3 and A-4 (never sampled at well A-1). Concentrations have declined to below laboratory reporting limits at well AR-1. TBA concentrations have steadily declined in well A-5, which has a current concentration of 39 µg/L.

Historical groundwater analytical results from monitoring events are presented in Table 2 and Appendix B. Concentrations of TPHg and MTBE from the most recent groundwater monitoring events are illustrated on Figure 7. Groundwater monitoring results prior to the unauthorized release are illustrated on Figure 8.

2.3 Separate-Phase Hydrocarbon Status

Separate-phase hydrocarbon was reported in the open tank pit during the tank removal activities conducted by Cambria in 2000; however, it was not noted in groundwater samples collected from monitoring wells prior to the unauthorized release. Sheen was reported in the February 2008 sample collected as part of the new release confirmation sampling.

2.4 Unauthorized Release

Evidence of a new release was first realized during the fourth quarter 2007 water level gauging event when a thick oil film was observed in A-2. A letter sent to the City of Berkeley (ARCADIS 2010) provides details regarding confirmation of the new release. As part of the confirmation process, one sample from A-2 was analyzed for transmission oil, hydraulic oil, mineral oil and jet-A by United States Environmental Protection Agency (USEPA) Method 8015B to evaluate the composition of the free phase product. During the sample analysis, the laboratory noted that the results for TPHd from wells A-2 and AR-1 were in the requested fuel range (C-10 to C-36) but did

not resemble the fuel. Therefore, a fuel fingerprint analysis was conducted on the sample collected from well A-2. According to the laboratory, the chromatogram for the A-2 sample most closely resembled the mineral oil retention time and carbon range (C-15 to C-34) (Broadbent Associates, Inc. 2008).

2.5 Hydraulic Gradient Trends

The depth to water in monitoring wells has ranged from 4.84 feet below top of casing (btoc) (A-3; February 2008) to 11.28 feet btoc (AR-1; September 1992). Historically the groundwater gradient has ranged from 0.018 to 0.45 foot/foot and the groundwater flow direction has ranged from northwest to southwest, with the predominant direction to the west (Table 3).

Historical groundwater flow directions and gradients are provided in Table 3 and shown on Figure 9. A potentiometric surface map of groundwater elevations in February 2008 is provided on Figure 10. February 2008 data is presented on Figure 10 because this was the last time all site wells were gauged (subsequent events only include three wells [A-3 through A-5]).

3. Beneficial Uses

3.1 San Francisco Bay RWQCB Basin Plan

Existing and potential beneficial uses for groundwater are presented in the *San Francisco Bay Basin (Region 2) Water Quality Control Plan* (Basin Plan; Water Board 2007). According to the Basin Plan (Water Board 2007), the site is situated in the East Bay Plain groundwater sub-basin (basin number 2-9.04). Water supply uses including municipal, industrial process, industrial service and agricultural are identified in the Basin Plan as existing beneficial uses, based on best available information. The nearest surface-water body is San Francisco Bay, located approximately 8,500 feet west of the site.

3.2 Sensitive Receptor Survey and Potential Exposure Pathways

To address the potential exposure pathways, ARCADIS conducted a sensitive receptor survey (SRS). The objective of the SRS was to identify potential downgradient and aboveground risk receptors within 2,500 feet of the site. Potential risk receptors included water-producing wells, schools, hospitals, surface-water bodies and aquatic environments. Sensitive receptors were not reported within 2,000 feet at elevations equal to or downgradient of the site; however, one school is located approximately 1,120 feet southeast of the site. One hospital is located within 2,500 feet of the site (Alta Bates Medical Center, located approximately 2,175 feet to the northwest). Based on detected analyte concentrations for the site and the distance to the school and hospital, it is unlikely that soil and/or groundwater impacts associated with the site have impacted the school and/or hospital. According to a conversation with Geoff Fielder at the TMDCB, no drinking water supply wells are located in the city of Berkeley.

ARCADIS used the Revised May 2008 *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* (Water Board 2008) to obtain current ESLs and assess potential human health risk associated with current site conditions. The ESLs were developed using USEPA and California's Department of Toxic Substances Control (DTSC) human health risk assessment methodologies. Under most circumstances, the presence of a chemical in soil or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant threat to human health or the environment.

To evaluate the potential long-term fate of contaminants associated with the site, the most recent and the maximum concentrations of contaminants detected in soil and

groundwater have been compared to the appropriate ESLs (Table 4). The use of commercial/industrial screening levels is based on the assumption that land use at the site will remain unchanged.

Soil ESLs were obtained from *Table K-2 – Direct Contact to a Commercial/Industrial Receptor* (Water Board 2008). Groundwater ESLs were obtained from *Table E-1 – Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns* (Water Board 2008). Because groundwater does not have an active domestic use at the site, the inhalation of vapors migrating from the subsurface to indoor air is the only identified complete exposure pathway. However, comparisons to the drinking water standards' maximum contaminant level (MCL) were also performed. Current concentrations show that MTBE exceeds the MCL, while benzene is slightly above the MCL; all other analytes are below the stated MCLs (Table 4). The exposure potential from soil through inhalation of volatile and particulate emissions through outdoor ambient air is considered an insignificant pathway. If subsurface construction is conducted at the site, direct contact to soil will be considered a complete pathway and monitoring may be required during excavation. Figure 11 illustrates the potential sources of exposure and the status of the corresponding pathways.

Soil vapor samples have not been collected at the site. A station building is currently present at the site and the entire site is paved, with no exposed soil present at the ground surface. As previously stated, the potential for soil vapor intrusion was evaluated by comparing current groundwater concentrations to groundwater ESLs (Table 4) for the protection of the vapor intrusion pathway in a commercial setting (Table E-1 [Water Board 2008]).

An ESL for TPHg in groundwater, considering the vapor intrusion pathway, is currently not available. The DTSC rescinded its total petroleum hydrocarbon risk assessment guidance document in April 2010. Therefore, the vapor intrusion potential for TPHg in groundwater will not be assessed with groundwater data. Instead, vapor intrusion potential was evaluated using groundwater BTEX data. Current BTEX concentrations in groundwater do not exceed the ESL (Table 4); therefore, the potential for vapor intrusion is not a concern.

As shown in Table 4, the most recent soil sample results (August 2000) indicate that most constituents exceeded their ESLs, primarily in one sample. This sample was collected from DP-2, located in the northern-most dispenser island. This area was over-excavated to a depth of 2 feet below native soil prior to collecting soil samples. Analytical results collected on the same day from nearby soil sample locations DP-1

and DP-11 (Figure 4) show significantly lower analyte concentrations (Table 1) than what was observed at DP-2. Therefore, the result at DP-2 likely indicates a minor source release that was extremely localized. More recent soil data has not been collected.

4. Remedial Activities

Remedial activities undertaken at the site include the following:

- GRI removed an oil/water separator in June 1992.
- GSI conducted vapor extraction tests on August 18 and November 19, 1992, using vapor extraction wells AV-1 through AV-6. Based on the results of the two tests, vapor extraction was deemed a suitable remedy based on an estimated radius of influence of 20 to 30 feet (GSI 1992c).There is no available documentation stating that recovery well AR-1 or the six vapor extraction wells were ever used for full-scale remediation purposes.
- Oxygen release compound (ORC) socks were used at wells AR-1 and A-1 through A-4 for various time periods from the third quarter 1996 to the first quarter 1997.
- Cambria removed three fiberglass USTs in August 2000 and installed new tanks.
- Cambria removed approximately 1,415 tons of soil and disposed of the soil off site in 2000 when the tanks and associated product lines were excavated.
- Numerous soil borings and monitoring wells have been installed to delineate and monitor the lateral and vertical extent of petroleum hydrocarbon impacts.

Declining petroleum concentration trends in site monitoring wells demonstrate that natural attenuation is occurring and should continue to occur at the site.

5. Remedial Effectiveness

Remediation through site upgrades, equipment removal and associated over-excavations, and natural attenuation have proven to be effective for substantially removing on-site contamination sources.

Low levels of residual soil contamination potentially remain at the site (soil samples have not been collected since 2000); however, based on the very low levels of COCs in groundwater residual, the source of contamination is no longer present. Groundwater monitoring was conducted quarterly at the site from November 1991 until 2009, when monitoring changed to a semiannual frequency for the remaining monitoring wells on the sample list (A-5). Well A-4 changed to an annual sampling frequency in 2010 and is scheduled to be sampled during the third quarter monitoring event. From 1991 to 2010, TPHg and MTBE concentrations have declined steadily, with current maximum concentrations of 330 and 21 µg/L, respectively.

6. Conclusions

The site meets all published criteria and qualifies as low risk, as described in the *Supplemental Instructions to State Water Board December 18, 1995 Interim Guidance of Required Cleanup at Low-Risk Fuel Sites* (Water Board 1996). Therefore, ARCADIS requests approval for case closure and no further action at this site based on the following:

- Sources of the historical petroleum hydrocarbon release at the site have been removed. The absence of high concentrations observed during excavation activities in soil samples suggests that secondary sources (residual hydrocarbons in soil) were identified and removed. The concentration of hydrocarbons remaining in place does not warrant additional investigation or remediation.

- Prior to the new, unauthorized release, TPHg concentrations in groundwater samples were below detection or showed a decreasing trend (at A-5) where concentrations remained. Maximum TPHg concentrations are currently 330 µg/L in A-5 and are continuing to decrease.

- MTBE concentrations have indicated a decreasing trend and are only present in one well (A-5) at 21 µg/L.

- The site has been adequately characterized.

- No sensitive receptors are likely to be impacted, including surface-water bodies, municipal wells and drinking water sources.

- The site does not present current or potential risk to human health or the environment. The only exceedance of the soil direct contact ESL was one sample in the dispenser island area, which was over excavated but not sampled post excavation. Groundwater concentrations did not exceed their respective ESLs for protection of the vapor intrusion pathway.

Although there is not a significant difference in concentration data prior to the new release when compared to post-release data, BP is not responsible for the new release. BP's responsibilities concerning the cleanup of the site have been met and therefore closure is requested.

ARCADIS recommends that case closure be granted; a Case Closure Summary is included in Appendix C.

7. References

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Table 1. Historical Soil Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Depth	Sample Date	TPHg	benzene	toluene	ethylbenzene	xylene	MTBE	TPHd	TOG	Lead
			mg/kg								
ESL [1]			83	0.044	2.9	3.3	2.3	0.23	83	--	750
ESL [2]			450	0.27	210	5	100	65	450	--	750
A-1-10	10	10/28/1991	150	0.23	0.19	1.2	0.34	--	--	--	--
A-1-15	15	10/28/1991	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
A-2-10	10	10/28/1991	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
A-2-15	15	10/28/1991	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
A-3-10	10	10/28/1991	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
A-3-15	15	10/28/1991	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
A-4-10	10	10/28/1991	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
A-4-15	15	10/28/1991	3.1	0.036	<0.0050	0.071	0.047	--	--	--	--
AR-1-4.5	4.5	8/3/1992	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
AR-1-10	10	8/3/1992	<1.0	0.008	<0.0050	<0.0050	<0.0050	--	--	--	--
AV-1-5	5	8/6/1992	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--
AV-1-10	10	8/6/1992	20	0.74	<0.0250	0.39	2.2	--	--	--	--
AV-2-6.5	6.5	8/6/1992	<1.0	0.12	<0.0050	<0.0050	<0.0050	--	--	--	--
AV-2-11.5	11.5	8/6/1992	<1.0	0.063	<0.0050	<0.0050	<0.0050	--	--	--	--
AV-3-5	5	8/6/1992	22	0.24	0.9	0.57	2.4	--	--	--	--
AV-3-10	10	8/6/1992	4.4	0.024	<0.005	0.012	0.014	--	--	--	--
AV-4-5	5	8/6/1992	<1.0	0.013	<0.005	<0.005	<0.005	--	--	--	--
AV-4-10	10	8/6/1992	2.8	0.11	0.006	0.069	0.19	--	--	--	--
AV-5-5	5	8/6/1992	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--
AV-5-10	10	8/6/1992	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--
AV-6-5	5	8/6/1992	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--
AV-6-10	10	8/6/1992	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--
WO Tank[3]	*	11/19/1997	ND	ND	ND	ND	ND	ND	ND	--	ND
EX-1	16	8/15/2000	3.31	<0.005	0.0079	0.058	0.192	0.078	--	--	<7.5
EX-2	17	8/15/2000	<1	<0.005	<0.005	<0.005	<0.005	0.172	--	--	<7.5
EX-3	17	8/15/2000	<1	<0.005	<0.005	<0.005	<0.005	0.068	--	--	<7.5
EX-4	17	8/15/2000	<1	<0.005	<0.005	<0.005	<0.005	0.058	--	--	<7.5
EX-5	17	8/15/2000	<1	<0.005	<0.005	<0.005	<0.005	0.053	--	--	<7.5
EX-6	17	8/15/2000	<1	<0.005	<0.005	<0.005	<0.005	0.302	--	--	<7.5
EX-7	17	8/15/2000	<1	<0.005	<0.005	<0.005	<0.005	0.063	--	--	<7.5
EX-8	16	8/16/2000	<1	<0.005	0.0069	<0.005	0.0193	0.066	--	<50	<7.5
EX-9	16	8/16/2000	<1	<0.005	<0.005	<0.005	<0.005	0.124	--	<50	<7.5
EX-10	16	8/16/2000	<1	<0.005	<0.005	<0.005	0.0128	0.204	--	337	<7.5
EX-11	12	8/16/2000	<1	<0.005	<0.005	<0.005	<0.005	0.066	--	363	<7.5
DP-1	2	8/18/2000	<5	<0.250	<0.250	<0.250	<0.250	0.451	--	--	--
DP-2	2	8/18/2000	8,410	3.44	136	127	531	19.8	1,920	--	--
DP-3	2	8/18/2000	186	<0.250	<0.250	1.78	1.82	<2.5	--	--	--
DP-4	2	8/18/2000	<5	<0.250	<0.250	<0.250	0.029	0.677	--	--	--
DP-6	2	8/18/2000	<1	<0.005	<0.005	<0.005	<0.005	0.296	--	--	--
DP-7	2	8/18/2000	<50	<0.250	<0.250	<0.250	<0.250	<2.5	--	--	--
DP-8	2	8/18/2000	<5	<0.250	<0.250	<0.250	<0.250	0.572	--	--	--
DP-9	2	8/18/2000	84.7	<0.250	<0.250	<0.250	0.295	1.34	--	--	--
DP-10	2	8/18/2000	<1	<0.005	<0.005	<0.005	<0.005	0.186	--	--	--
DP-11	2	8/18/2000	184	<0.250	<0.250	2.01	3.68	<2.5	--	--	--

ft bgs = Feet below ground surface.
mg/kg = Milligram per kilogram.
MTBE = Methyl tert-butyl ether.
TPHd = Total petroleum hydrocarbons as diesel.
TPHg = Total petroleum hydrocarbons as gasoline.
TOG = Total oil and gas.

[1] ESL values were taken from *Table K-2 – Direct Exposure Soil Screening Levels Commercial/Industrial Worker Exposure Scenario*, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Water Board 2008).
[2] ESL values were taken from Table A-2 – Shallow (<3M) Soil Screening Levels Commercial/Industrial Land Use (groundwater is a current or potential drinking water resource).
[3] = Additional metals results include cadmium= ND, chromium= 20 mg/kg, nickel= 27 mg/kg, zinc= 36 mg/kg, TRPH= 56 mg/kg, HVO= ND and SVO= ND.
* = Sample collected 2 feet below the bottom of the excavation pit.

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
A-1	11/7/1991	141.99	10.72	--	131.27	600	--	67	11	15	31	--	--	--	--	--	--	--	--
A-1	4/15/1992	141.99	8.72	--	133.27	7300	--	1600	86	180	91	--	--	--	--	--	--	--	--
A-1	6/11/1992	141.99	10.18	--	131.81	4800	--	1200	42	160	160	--	--	--	--	--	--	--	--
A-1	9/4/1992	141.99	10.89	--	131.1	640	--	150	5	30	18	--	--	--	--	--	--	--	--
A-1	11/20/1992	141.99	--	--	--	110	--	170	30	55	45	--	--	--	--	--	--	--	--
A-1	2/17/1993	141.99	--	--	--	2100	--	540	14	85	60	--	--	--	--	--	--	--	--
A-1	1/22/1996	141.99	9.52	--	132.47	300	--	27	<0.5	2.5	1.1	--	--	--	--	--	--	--	--
A-1	4/10/1996	141.99	8.12	--	133.87	760	--	86	2.3	19	5	--	--	--	--	--	--	--	--
A-1	7/16/1996	141.99	8.62	--	133.37	<5,000	--	420	<50	91	<50	8,200	--	--	--	--	--	--	--
A-1	10/16/1996	141.99	10.13	--	131.86	<5,000	--	86	<50	<50	<50	8,400	--	--	--	--	--	--	--
A-1	3/27/1997	141.99	10.01	--	131.98	260	--	54	<2.5	11	<2.5	1,300	--	--	--	--	--	--	--
A-1	6/13/1997	141.99	10.57	--	131.42	2,500	--	430	15	180	10	3,400	--	--	--	--	--	--	--
A-1	9/17/1997	141.99	10.38	--	131.61	<2,500	--	220	<25	130	<25	2,900	--	--	--	--	--	--	--
A-1	12/12/1997	141.99	6.25	--	135.74	<2,000	--	<20	<20	<20	<20	1,500	--	--	--	--	--	--	--
A-1	3/16/1998	141.99	6.58	--	135.41	<2,500	--	280	<25	170	35	4,000	--	--	--	--	--	--	--
A-1	5/12/1998	141.99	7.08	--	134.91	<2,500	--	110	<25	36	<25	2,400	--	--	--	--	--	--	--
A-1	7/31/1998	141.99	9.59	--	132.4	<2,500	--	220	<25	130	<25	1,300	--	--	--	--	--	--	--
A-1	10/15/1998	141.99	9.49	--	132.5	<500	--	18	<5	15	<5	800	--	--	--	--	--	--	--
A-1	2/16/1999	141.99	6.02	--	135.97	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-1	5/7/1999	141.99	8.37	--	133.62	600	--	34	<2.5	26	<2.5	310	--	--	--	--	--	--	--
A-1	8/27/1999	141.99	8.84	--	133.15	53	--	<0.5	<0.5	<0.5	<0.5	300	--	--	--	--	--	--	--
A-1	10/26/1999	141.99	9.00	--	132.99	53	--	1.4	<0.5	<0.5	<1	440	--	--	--	--	--	--	--
A-1	2/2/2000	141.99	6.58	--	135.41	200	--	0.9	<0.5	<0.5	<1	760	--	--	--	--	--	--	--
A-1	6/12/2000	141.99	7.31	--	134.68	955	--	20.7	<5	<5	<5	2,130	--	--	--	--	--	--	--
A-1	9/25/2000	141.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-2	5/7/1991	143.31	10.72	--	132.59	<30	--	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--	--	--	--
A-2	4/15/1992	143.31	8.72	--	134.59	<30	--	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--	--	--	--
A-2	6/11/1992	143.31	10.18	--	133.13	<30	--	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--	--	--	--
A-2	9/4/1992	143.31	10.89	--	132.42	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-2	11/20/1992	143.31	--	--	--	<50		<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-2	2/17/1993	143.31	--	--	--	<50		<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-2	1/22/1996	143.31	8.33	--	134.98	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-2	4/10/1996	143.31	8.87	--	134.44	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-2	7/16/1996	143.31	10.03	--	133.28	<50	--	<0.5	<0.5	<0.5	<0.5	320	--	--	--	--	--	--	--
A-2	10/16/1996	143.31	10.73	--	132.58	<100	--	<1	<1	<1	<1	560	--	--	--	--	--	--	--
A-2	3/27/1997	143.31	8.58	--	134.73	<50	--	<0.5	<0.5	<0.5	<0.5	310	--	--	--	--	--	--	--
A-2	6/13/1997	143.31	9.05	--	134.26	<50	--	<0.5	<0.5	<0.5	<0.5	150	--	--	--	--	--	--	--
A-2	9/17/1997	143.31	8.88	--	134.43	<50	--	<0.5	<0.5	<0.5	<0.5	95	--	--	--	--	--	--	--
A-2	12/12/1997	143.31	6.9	--	136.41	<100	--	<1	<1	<1	<1	110	--	--	--	--	--	--	--
A-2	3/16/1998	143.31	5.74	--	137.57	<250	--	<2.5	<2.5	<2.5	4	420	--	--	--	--	--	--	--
A-2	5/12/1998	143.31	7.63	--	135.68	<250	--	<2.5	<2.5	<2.5	<2.5	410	--	--	--	--	--	--	--
A-2	7/31/1998	143.31	8.11	--	135.2	<250	--	<2.5	<2.5	<2.5	<2.5	150	--	--	--	--	--	--	--
A-2	10/15/1998	143.31	9.83	--	133.48	<50	--	<0.5	<0.5	<0.5	<0.5	69	--	--	--	--	--	--	--

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
A-2	2/16/1999	143.31	6.5	--	136.81	420	--	1.6	<0.5	0.7	1	3,300	--	--	--	--	--	--	--
A-2	5/7/1999	143.31	8.15	--	135.16	<50	--	<0.5	<0.5	<0.5	<0.5	210	--	--	--	--	--	--	--
A-2	8/27/1999	143.31	8.83	--	134.48	<50	--	<0.5	<0.5	<0.5	<0.5	130	--	--	--	--	--	--	--
A-2	10/26/1999	143.31	9.28	--	134.03	<50	--	<0.5	<0.5	<0.5	<1	71	--	--	--	--	--	--	--
A-2	2/2/2000	143.31	7.02	--	136.29	<50	--	<0.5	<0.5	<0.5	<1	130	--	--	--	--	--	--	--
A-2	6/12/2000	143.31	7.96	--	135.35	<50	--	<0.5	<0.5	<0.5	<0.5	90.6	--	--	--	--	--	--	--
A-2	9/25/2000	143.31	10.64	--	132.67	<50	--	<0.5	<0.5	<0.5	<0.5	39.7	--	--	--	--	--	--	--
A-2	11/20/2000	143.31	9.45	--	133.86	<50	--	<0.5	<0.5	<0.5	<0.5	21.4	--	--	--	--	--	--	--
A-2	2/12/2001	143.31	7.8	--	135.51	<50	--	<0.5	<0.5	<0.5	<0.5	12.1	--	--	--	--	--	--	--
A-2	4/4/2001	143.31	6.59	--	136.72	<50	--	<0.5	<0.5	<0.5	<0.5	106	--	--	--	--	--	--	--
A-2	7/18/2001	143.31	7.93	--	135.38	<50	--	<0.5	<0.5	<0.5	<0.5	88	--	--	--	--	--	--	--
												41	--	--	--	--	--	--	--
					A-2							58	--	--	--	--	--	--	--

[2] ESL values were taken from Table A-2 – Shallow (<3M) Soil Screening Levels Commercial/Industrial Land Use (groundwater is a current or potential drinking water resource).

												150	--	--	--	--	--	--	--
A-2	4/30/2002	143.31	7.69	--	135.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-2	7/17/2002	143.31	9.6	--	133.71	53	--	<0.5	<0.5	<0.5	<0.5	120	--	--	--	--	--	--	--
A-2	10/30/2002	145.12	10.85	--	134.27	<50	--	<0.5	<0.5	<0.5	<0.5	42	--	--	--	--	--	--	--
A-2	1/16/2003	145.12	6.75	--	138.37	<50	--	<0.5	<0.5	<0.5	<0.5	53	--	--	--	--	--	--	--
A-2	4/28/2003	145.12	7.16	--	137.96	<500	--	<5	<5	<5	<5	120	--	--	--	--	--	--	--
A-2	7/1/2003	145.12	9.17	--	135.95	<500	--	<5	<5	<5	<5	120	--	--	--	--	--	--	--
A-2	10/3/2003	145.12	10.26	--	134.86	<50	--	<0.5	<0.5	<0.5	<0.5	37	<20	<0.5	<0.5	0.75	<100	--	--
A-2	1/14/2004	145.12	6.79	--	138.33	110	--	<1	<1	<1	<1	75	<40	<1	<1	1.2	<200	<1	<1
A-2	4/22/2004	145.12	8.25	--	136.87	<50	--	<2.5	<2.5	<2.5	<2.5	89	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5
A-2	7/8/2004	145.12	9.74	--	135.38	<500	--	7.2	<5	<5	<5	49	<200	<5	<5	<5	<1000	<5	<5
A-2	11/2/2004	145.12	9.05	--	136.07	<50	--	<0.5	<0.5	<0.5	<0.5	37	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5
A-2	1/20/2005	145.12	6.15	--	138.97	<100	--	<1	<1	<1	<1	99	<40	<1	<1	1.5	<200	<1	<1
A-2	4/14/2005	145.12	5.81	--	139.31	<50	--	<0.5	<0.5	<0.5	<0.5	17	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
A-2	8/3/2005	145.12	8.9	--	136.22	<50	--	<0.5	<0.5	<0.5	<0.5	26	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5
A-2	1/10/2006	145.12	5.6	--	139.52	81	--	<0.5	<0.5	<0.5	<0.5	97	<20	<0.5	<0.5	0.95	<300	<0.5	<0.5
A-2	7/26/2006	145.12	9.36	--	135.76	<50	--	<0.5	<0.5	<0.5	<0.5	50	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
A-2	11/1/2006	145.12	7.13	--	137.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-2	2/2/2007	145.12	8.85	--	136.27	<50	--	<0.5	<0.5	<0.5	<0.5	40	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
A-2	5/15/2007	145.12	7.75	--	137.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-2	7/23/2007	145.12	9.85	--	135.27	<50	--	<0.5	<0.5	<0.5	<0.5	25	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
A-2	10/24/2007	145.12	9.84	--	135.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-2	1/31/2008	145.12	--	--	--	--	--	--	--	--	--	28	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
A-2	2/4/2008	145.12	5.78	0.01	139.34	1,300	1,900	<0.5	<0.5	<0.5	<0.5	28	--	--	--	--	--	--	--

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
A-3	11/7/1991	144.65	10.83	--	133.82	<30	--	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--	--	--	--
A-3	4/15/1992	144.65	9.21	--	135.44	<30	--	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--	--	--	--
A-3	6/11/1992	144.65	10.65	--	134	<30	--	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--	--	--	--
A-3	9/4/1992	144.65	10.93	--	133.72	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-3	11/20/1992	144.65	--	--	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-3	2/17/1993	144.65	--	--	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-3	1/22/1996	144.65	8.3	--	136.35	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-3	4/10/1996	144.65	8.34	--	136.31	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-3	7/16/1996	144.65	9.78	--	134.87	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	10/16/1996	144.65	10.85	--	133.8	<50	--	<0.5	<0.5	<0.5	<0.5	4	--	--	--	--	--	--	--
A-3	3/27/1997	144.65	8.06	--	136.59	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	6/13/1997	144.65	8.66	--	135.99	330	--	130	<0.5	0.61	1.1	130	--	--	--	--	--	--	--
A-3	9/17/1997	144.65	8.5	--	136.15	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	12/12/1997	144.65	7.15	--	137.5	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	3/16/1998	144.65	5.38	--	139.27	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	5/12/1998	144.65	7.04	--	137.61	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	7/31/1998	144.65	7.79	--	136.86	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	10/15/1998	144.65	9.81	--	134.84	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	2/16/1999	144.65	6.7	--	137.95	440	--	86	4.5	1.3	2.4	1,000	--	--	--	--	--	--	--
A-3	5/7/1999	144.65	7.69	--	136.96	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	8/27/1999	144.65	8.83	--	135.82	<50	--	<0.5	<0.5	<0.5	<0.5	<3	--	--	--	--	--	--	--
A-3	10/26/1999	144.65	9.39	--	135.26	<50	--	<0.5	<0.5	<0.5	<1	<3	--	--	--	--	--	--	--
A-3	2/2/2000	144.65	7.36	--	137.29	<50	--	<0.5	<0.5	<0.5	<1	<3	--	--	--	--	--	--	--
A-3	6/12/2000	144.65	7.88	--	136.77	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	9/25/2000	144.65	9.93	--	134.72	<50	--	<0.5	<0.5	<0.5	<0.5	2.76	--	--	--	--	--	--	--
A-3	11/20/2000	144.65	8.75	--	135.9	<50	--	<0.5	<0.5	<0.5	<0.5	3.43	--	--	--	--	--	--	--
A-3	2/12/2001	144.65	7.59	--	137.06	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	4/4/2001	144.65	6.9	--	137.75	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	7/18/2001	144.65	7.77	--	136.88	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	10/1/2001	144.65	7.81	--	136.84	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	1/9/2002	144.65	6.85	--	137.8	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	4/3/2002	144.65	7.51	--	137.14	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	4/30/2002	144.65	7.4	--	137.25	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	7/17/2002	144.65	9.19	--	135.46	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	10/30/2002	144.65	10.41	--	134.24	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	1/16/2003	144.65	6.65	--	138	<50	--	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--
A-3	4/28/2003	144.65	6.96	--	137.69	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	<20	<0.5	<0.5	<0.5	<100	--	--
A-3	10/3/2003	146.61	10.16	--	136.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	1/14/2004	146.61	6.48	--	140.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	4/22/2004	146.61	7.9	--	138.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	7/8/2004	146.61	8.9	--	137.71	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5
A-3	11/2/2004	146.61	8.92	--	137.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
A-3	1/20/2005	146.61	6.18	--	140.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	4/14/2005	146.61	5.98	--	140.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	8/3/2005	146.61	10	--	136.61	<50	--	<0.5	<0.5	<0.5	<0.5	26	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5
A-3	1/10/2006	146.61	6.19	--	140.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	7/26/2006	146.61	9.09	--	137.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	11/1/2006	146.61	10.13	--	136.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	2/2/2007	146.61	8.38	--	138.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	5/15/2007	146.61	7.2	--	139.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	7/23/2007	146.61	9.38	--	137.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	10/24/2007	146.61	8.83	--	137.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	2/4/2008	146.61	4.84	--	141.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	4/15/2008	146.61	8.52	--	138.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	7/17/2008	146.61	10.12	--	136.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	1/28/2009	146.61	7.8	--	138.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-3	7/15/2009	146.61	9.5	--	137.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	11/7/1991	143.99	9.33	--	134.66	35	--	<0.3	<0.3	0.64	<0.3	--	--	--	--	--	--	--	--
A-4	4/15/1992	143.99	8.09	--	135.9	96	--	1	0.31	1.6	1.1	--	--	--	--	--	--	--	--
A-4	6/11/1992	143.99	9.67	--	134.32	95	--	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--
A-4	9/4/1992	143.99	9.92	--	134.07	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-4	11/20/1992	143.99	--	--	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-4	2/17/1993	143.99	--	--	--	320	--	0.73	0.63	2.4	4.6	--	--	--	--	--	--	--	--
A-4	1/22/1996	143.99	7.25	--	136.74	530	--	2.1	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
A-4	4/10/1996	143.99	7.94	--	136.05	320	--	2.4	1.5	2.3	2.5	--	--	--	--	--	--	--	--
A-4	7/16/1996	143.99	8.3	--	135.69	500	--	4.2	3.7	4.4	8.1	63	--	--	--	--	--	--	--
A-4	10/16/1996	143.99	8.95	--	135.04	370	--	<0.5	<0.5	0.78	1.4	170	--	--	--	--	--	--	--
A-4	3/27/1997	143.99	10.83	--	133.16	230	--	6.6	1.1	0.82	0.83	210	--	--	--	--	--	--	--
A-4	6/13/1997	143.99	10.67	--	133.32	<50	--	<0.5	<0.5	<0.5	<0.5	-2.5	--	--	--	--	--	--	--
A-4	9/17/1997	143.99	10.71	--	133.28	320	--	<2	<2	<2	<2	210	--	--	--	--	--	--	--
A-4	12/12/1997	143.99	7.18	--	136.81	<50	--	<0.5	<0.5	<0.5	<0.5	79	--	--	--	--	--	--	--
A-4	3/16/1998	143.99	8.33	--	135.66	<200	--	<2	<2	<2	<2	130	--	--	--	--	--	--	--
A-4	5/12/1998	143.99	7.57	--	136.42	58	--	<0.5	0.6	<0.5	<0.5	61	--	--	--	--	--	--	--
A-4	7/31/1998	143.99	9.67	--	134.32	<200	--	<2	<2	<2	<2	120	--	--	--	--	--	--	--
A-4	10/15/1998	143.99	8.88	--	135.11	<200	--	<2	<2	<2	<2	260	--	--	--	--	--	--	--
A-4	2/16/1999	143.99	7.3	--	136.69	<50	--	<0.5	<0.5	<0.5	<0.5	160	--	--	--	--	--	--	--
A-4	5/7/1999	143.99	7.95	--	136.04	68	--	<0.5	<0.5	<0.5	<0.5	120	--	--	--	--	--	--	--
A-4	8/27/1999	143.99	7.52	--	136.47	530	--	<0.5	1.1	0.5	3.3	310	--	--	--	--	--	--	--
A-4	10/26/1999	143.99	7.77	--	136.22	950	--	1.6	4.6	1.3	5.6	310	--	--	--	--	--	--	--
A-4	2/2/2000	143.99	6.72	--	137.27	1,300	--	1.8	7.8	3.9	12	480	--	--	--	--	--	--	--
A-4	6/12/2000	143.99	7.1	--	136.89	353	--	5.59	4.07	4.21	<0.5	255	--	--	--	--	--	--	--
A-4	9/25/2000	143.99	8.4	--	135.59	290	--	<1	<1	<1	<1	486	--	--	--	--	--	--	--
A-4	11/20/2000	143.99	7.82	--	136.17	131	--	15.5	<1	<1	<1	586	--	--	--	--	--	--	--
A-4	2/12/2001	143.99	7.45	--	136.54	490	--	<0.5	0.964	1.1	3.25	366	--	--	--	--	--	--	--
A-4	4/4/2001	143.99	6.24	--	137.75	270	--	<0.5	<0.5	0.582	1.5	274	--	--	--	--	--	--	--

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
A-4	7/18/2001	143.99	7.51	--	136.48	210	--	<0.5	<0.5	<0.5	<0.5	510	--	--	--	--	--	--	--
A-4	10/1/2001	143.99	7.69	--	136.3	<100	--	<1	<1	<1	<1	240	--	--	--	--	--	--	--
A-4	1/9/2002	143.99	6.9	--	137.09	250	--	<0.5	<0.5	0.56	1.3	160	--	--	--	--	--	--	--
A-4	4/3/2002	143.8	7.85	--	135.95	220	--	1.5	0.97	0.63	1.6	82	--	--	--	--	--	--	--
A-4	4/30/2002	143.8	7.63	--	136.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	7/17/2002	143.8	8.38	--	135.42	240	--	<0.5	<0.5	<0.5	<0.5	72	--	--	--	--	--	--	--
A-4	10/30/2002	143.8	9.08	--	134.72	110	--	2.3	1.1	1.1	8.3	65	--	--	--	--	--	--	--
A-4	1/16/2003	143.8	7	--	136.8	<50	--	<0.5	<0.5	<0.5	<0.5	17	--	--	--	--	--	--	--
A-4	4/28/2003	143.8	6.77	--	137.03	360	--	<0.5	<0.5	<0.5	<0.5	41	<20	<0.5	<0.5	3.2	<100	<0.5	<0.5
A-4	10/3/2003	145.88	9.38	--	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	1/14/2004	145.88	6.97	--	138.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	4/22/2004	145.88	7.53	--	138.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	7/8/2004	145.88	8.28	--	137.6	80	--	<0.5	<0.5	<0.5	<0.5	30	<20	<0.5	<0.5	2.3	<100	<0.5	<0.5
A-4	11/2/2004	145.88	7.63	--	138.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	1/20/2005	145.88	6.72	--	139.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	4/14/2005	145.88	6.51	--	139.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	8/3/2005	145.88	7.78	--	138.1	130	--	<0.5	<0.5	<0.5	<0.5	11	<20	<0.5	<0.5	0.52	<100	<0.5	<0.5
A-4	1/10/2006	145.88	5.58	--	140.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	7/26/2006	145.88	8.05	--	137.83	180	--	<0.5	<0.5	<0.5	<0.5	10	<20	<0.5	<0.5	0.66	<300	<0.5	<0.5
A-4	11/1/2006	145.88	8.61	--	137.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	2/2/2007	145.88	7.74	--	138.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	5/15/2007	145.88	6.22	--	139.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	7/23/2007	145.88	8	--	137.88	60	--	<0.5	<0.5	<0.5	<0.5	8.4	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
A-4	10/24/2007	145.88	7.23	--	138.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	2/4/2008	145.88	7.48	--	138.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	4/15/2008	145.88	6.89	--	138.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-4	7/17/2008	145.88	8.45	--	137.43	<50	--	<0.5	<0.5	<0.5	<0.5	5.8	<10	<0.5	<0.5	<0.5	<300	<0.5	<0.5
A-4	1/28/2009	145.88	6.47	--	139.41	<50	--	<0.5	<0.5	<0.5	<0.5	1.1	<10	<0.5	<0.5	<0.5	<300	<0.5	<0.5
A-4	7/15/2009	145.88	7.82	--	138.06	55	--	<0.5	<0.5	<0.5	<0.5	2.8	<10	<0.5	<0.5	<0.5	<300	<0.5	<0.5

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
A-5	4/30/2002	137.9	9.3	--	128.6	4,200	--	240	<10	<10	370	1,800	--	--	--	--	--	--	--
A-5	2/12/2003	137.9	9.44	--	128.46	<10,000	--	<100	<100	270	<100	950	--	--	--	--	--	--	--
A-5	4/28/2003	137.9	6.79	--	131.11	3,300	--	55	<5	160	22	710	450	<5	<5	120	<1000	--	--
A-5	7/1/2003	137.9	10.27	--	127.63	<500	--	<5	<5	<5	<5	140	390	<5	<5	22	<1000	<5	<5
A-5	10/3/2003	140.3	10.33	--	129.97	690	--	<2.5	<2.5	<2.5	<2.5	170	540	<2.5	-2.5	28	<500	--	--
A-5	1/14/2004	140.3	5.47	--	134.83	610	--	<5	<5	<5	<5	270	530	<5	<5	47	<1000	<5	<5
A-5	4/22/2004	140.3	9.28	--	131.02	720	--	<5	<5	5.7	<5	160	270	<5	<5	25	<1000	<5	<5
A-5	7/8/2004	140.3	10.05	--	130.25	350	--	<2.5	<2.5	<2.5	<2.5	190	530	<2.5	<2.5	28	<500	<2.5	<2.5
A-5	11/2/2004	140.3	10.1	--	130.2	290	--	<0.5	<0.5	<0.5	<0.5	17	110	<0.5	<0.5	2.3	<100	<0.5	<0.5
A-5	1/20/2005	140.3	8.61	--	131.69	330	--	7.2	<1	12	3.3	100	130	<1	<1	19	<200	<1	<1
A-5	4/14/2005	140.3	8.67	--	131.63	990	--	5.4	<2.5	14	<2.5	190	410	<2.5	<2.5	32	<500	<2.5	<2.5
A-5	8/3/2005	140.3	10.02	--	130.28	130	--	<0.5	<0.5	<0.5	<0.5	12	<20	<0.5	<0.5	0.52	<100	<0.5	<0.5
A-5	1/10/2006	140.3	8.1	--	132.2	460	--	1.9	<0.5	3	0.76	85	230	<0.5	<0.5	16	<300	<0.5	<0.5
A-5	7/26/2006	140.3	9	--	131.3	340	--	<0.5	<0.5	<0.5	0.53	58	240	<0.5	<0.5	10	<300	<0.5	<0.5
A-5	11/1/2006	140.3	9.5	--	130.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-5	2/2/2007	140.3	8.85	--	131.45	660	--	<0.5	<0.5	<0.5	<0.5	23	130	<0.5	<0.5	4.2	<300	<0.5	<0.5
A-5	5/15/2007	140.3	6.92	--	133.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-5	7/23/2007	140.3	9.5	--	130.8	910	--	0.82	<0.5	<0.5	<0.5	45	190	<0.5	<0.5	9.3	<300	<0.5	<0.5
A-5	10/24/2007	140.3	10.38	--	129.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-5	1/31/2008	140.3	--	--	--	--	--	--	--	--	--	46	77	<0.5	<0.5	9	<300	<0.5	<0.5
A-5	2/4/2008	140.3	6.3	--	134	1,400	--	2.5	<0.5	24	<2.5	46	--	--	--	--	--	--	--
A-5	4/15/2008	140.3	7.38	--	132.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A-5	7/17/2008	140.3	8.92	--	131.38	1,500	--	2.3	<2	<2	<2	57	130	<2	<2	11	<1200	<2	<2
A-5	1/28/2009	140.3	9.8	--	130.5	2,100	--	6	<1	6.1	1.6	52	67	<1	<1	9.4	<600	<1	<1
A-5	7/15/2009	140.3	8.12	--	132.18	700	--	1.2	<0.5	1.3	0.58	30	88	<0.5	<0.5	5.4	<300	<0.5	<0.5
A-5	3/10/2010	140.3	6.55	--	133.75	360		0.75	<0.5	2.4	<1	21	39	<0.5	<0.5	3.5	<100	<0.5	<0.5

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
AR-1	9/4/1992	142.43	11.28	--	131.15	8,300	--	990	670	200	2,500	--	--	--	--	--	--	--	--
AR-1	11/20/1992	142.43	--	--	--	31,000	--	5,900	6,500	620	4,600	--	--	--	--	--	--	--	--
AR-1	2/17/1993	142.43	--	--	--	1500	--	290	13	33	84	--	--	--	--	--	--	--	--
AR-1	1/22/1996	142.43	8.58	--	133.85	<1,000	--	11	<10	<10	<10	--	--	--	--	--	--	--	--
AR-1	4/10/1996	142.43	8.28	--	134.15	1,000	--	35	10	2.5	5.4	--	--	--	--	--	--	--	--
AR-1	7/16/1996	142.43	9.68	--	132.75	230	--	49	<5	-5	9.1	7,100	--	--	--	--	--	--	--
AR-1	10/16/1996	142.43	10.48	--	131.95	1,200	--	41	<5	-5	16	8,300	--	--	--	--	--	--	--
AR-1	3/27/1997	142.43	8.75	--	133.68	<2000	--	190	<20	<20	<20	6,600	--	--	--	--	--	--	--
AR-1	6/13/1997	142.43	9.17	--	133.26	2,100	--	250	<20	<20	<20	6,000	--	--	--	--	--	--	--
AR-1	9/17/1997	142.43	9.06	--	133.37	<50,000	--	<500	<500	<500	<500	5,600	--	--	--	--	--	--	--
AR-1	12/12/1997	142.43	6.84	--	135.59	<2,500	--	<25	<25	<25	28	3,600	--	--	--	--	--	--	--
AR-1	3/16/1998	142.43	5.94	--	136.49	<5,000	--	<50	<50	<50	61	5,200	--	--	--	--	--	--	--
AR-1	5/12/1998	142.43	7.69	--	134.74	<5,000	--	<50	<50	<50	<50	6,900	--	--	--	--	--	--	--
AR-1	7/31/1998	142.43	8.24	--	134.19	<5,000	--	<50	<50	<50	<50	3,200	--	--	--	--	--	--	--
AR-1	10/15/1998	142.43	9.61	--	132.82	3,100	--	12	<10	12	<10	1,400	--	--	--	--	--	--	--
AR-1	2/16/1999	142.43	6.44	--	135.99	<50	--	<0.5	<0.5	<0.5	<0.5	130	--	--	--	--	--	--	--
AR-1	5/7/1999	142.43	8.5	--	133.93	810	--	1.8	<0.5	0.6	<0.5	2,900	--	--	--	--	--	--	--
AR-1	8/27/1999	142.43	9.04	--	133.39	530	--	2.2	1.8	0.5	1.9	1,400	--	--	--	--	--	--	--
AR-1	10/26/1999	142.43	9.4	--	133.03	770	--	1.4	1.4	1	4.9	1,500	--	--	--	--	--	--	--
AR-1	2/2/2000	142.43	8.15	--	134.28	2,700	--	9.5	2.2	3.9	7.1	5,100	--	--	--	--	--	--	--
AR-1	6/12/2000	142.43	8.02	--	134.41	1,860	--	<5	<5	<5	<5	1,180	--	--	--	--	--	--	--
AR-1	9/25/2000	142.43	11.25	--	131.18	366	--	<0.5	<0.5	<0.5	0.665	1,890	--	--	--	--	--	--	--
AR-1	11/20/2000	142.43	9.2	--	133.23	<500	--	<5	<5	<5	<5	3,310	--	--	--	--	--	--	--
AR-1	2/12/2001	142.43	8.09	--	134.34	209	--	<0.5	0.657	<0.5	1.15	1,880	--	--	--	--	--	--	--
AR-1	4/4/2001	142.43	8.15	--	134.28	725	--	<1	<1	1.05	<1	1,590	--	--	--	--	--	--	--
AR-1	7/18/2001	142.43	8.1	--	134.33	380	--	0.86	<0.5	0.53	<0.5	430	--	--	--	--	--	--	--
AR-1	10/1/2001	142.43	8.14	--	134.29	270	--	<0.5	<0.5	2	1.7	280	--	--	--	--	--	--	--
AR-1	1/9/2002	142.43	8.13	--	134.3	170	--	<0.5	<0.5	0.88	1.1	360	--	--	--	--	--	--	--
AR-1	4/3/2002	142.43	9.09	--	133.34	180	--	1.5	0.82	<0.5	<0.5	330	--	--	--	--	--	--	--
AR-1	4/30/2002	142.43	8.85	--	133.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AR-1	7/17/2002	142.43	8.41	--	134.02	410	--	2.7	<2	<2	<2	640	--	--	--	--	--	--	--
AR-1	10/30/2002	142.43	9.7	--	132.73	150	--	<0.5	<0.5	<0.5	<0.5	240	--	--	--	--	--	--	--
AR-1	1/16/2003	142.43	6.69	--	135.74	810	--	<5	<5	<5	<5	1000	--	--	--	--	--	--	--
AR-1	4/28/2003	142.43	--	--	--	--	--	--	--	--	--	330	1,500	<25	<25	<25	<5,000	--	--
AR-1	7/1/2003	142.43	--	--	--	--	--	--	--	--	--	65	300	<0.5	<0.5	2.4	<100	<0.5	-0.5
AR-1	10/3/2003	144.35	9.25	--	135.1	120	--	<1	<1	<1	<1	50	160	<1	<1	1.3	<200	--	--
AR-1	1/14/2004	144.35	6.45	--	137.9	<100	--	<1	<1	<1	<1	42	130	<1	<1	<1	<200	<1	<1

Table 2: Historical Groundwater Results
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

Location	Sample Date	TOC Elevation (ft amsl)	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation (ft amsl)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB
ESL						NA	NA	1,800	530,000	170,000	170,000	80,000	NA	NA	NA	NA	NA	690	510
AR-1	4/22/2004	144.35	7.2	--	137.15	330	--	<1	<1	<1	<1	46	72	<1	<1	1.8	<200	<1	<1
AR-1	7/8/2004	144.35	8.8	--	135.55	150	--	<0.5	<0.5	<0.5	<0.5	11	22	<0.5	<0.5	<0.5	<100	<0.5	<0.5
AR-1	11/2/2004	144.35	8.2	--	136.15	69	--	<0.5	<0.5	<0.5	<0.5	5	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5
AR-1	1/20/2005	144.35	6.52	--	137.83	<50	--	<0.5	<0.5	<0.5	<0.5	6.8	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5
AR-1	4/14/2005	144.35	6.14	--	138.21	52	--	<0.5	<0.5	<0.5	0.58	17	<20	<0.5	<0.5	0.7	<100	<0.5	<0.5
AR-1	8/3/2005	144.35	8.05	--	136.3	150	--	--	<0.5	<0.5	<0.5	1.1	<20	<0.5	<0.5	<0.5	<100	<0.5	<0.5
AR-1	1/10/2006	144.35	6.47	--	137.88	--	--	--	--	--	--	--	--	--	--	--		--	--
AR-1	7/26/2006	144.35	8.16	--	136.19	120	--	<0.5	<0.5	<0.5	<0.5	2.2	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
AR-1	11/1/2006	144.35	9.55	--	134.8	--	--	--	--	--	--	--	--	--	--	--		--	--
AR-1	2/2/2007	144.35	7.82	--	136.53	--	--	--	--	--	--	--	--	--	--	--		--	--
AR-1	5/15/2007	144.35	7.03	--	137.32	--	--	--	--	--	--	--	--	--	--	--		--	--
AR-1	7/23/2007	144.35	8.7	--	135.65	67	--	<0.5	<0.5	<0.5	<0.5	0.64	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
AR-1	10/24/2007	144.35	9.25	--	135.1	--	--	--	--	--	--	--	--	--	--	--		--	--
AR-1	1/31/2008	144.35	--	--	--	--	--	--	--	--	--	2.8	<20	<0.5	<0.5	<0.5	<300	<0.5	<0.5
AR-1	2/4/2008	144.35	6.23	--	138.12	<50	100	<0.5	<0.5	<0.5	<0.5	2.8	--	--	--	--	--	--	--

Notes:

DIPE = Di-isopropyl ether.
EDB = 1,2-Dibromoethane.
ETBE = Ethyl tert-butyl ether.
ft amsl = Feet above mean sea level.
MTBE = Methyl tert-butyl ether.
NA = Not applicable.
TAME = Tert-amyl methyl ether.
TBA = Tert-butyl alcohol.
TOC = Top of casing.
TPHd = Total petroleum hydrocarbons as diesel.
TPHg = Total petroleum hydrocarbons as gasoline.
1,2-DCA = 1,2-Dichloroethane.
-- = Not analyzed.
< = Result is less than value reported.

Table 3: Historical Groundwater Flow Direction and Gradient
BP Station # 00414
3000 Shattuck Avenue, Berkeley, CA
Local Case # 27540

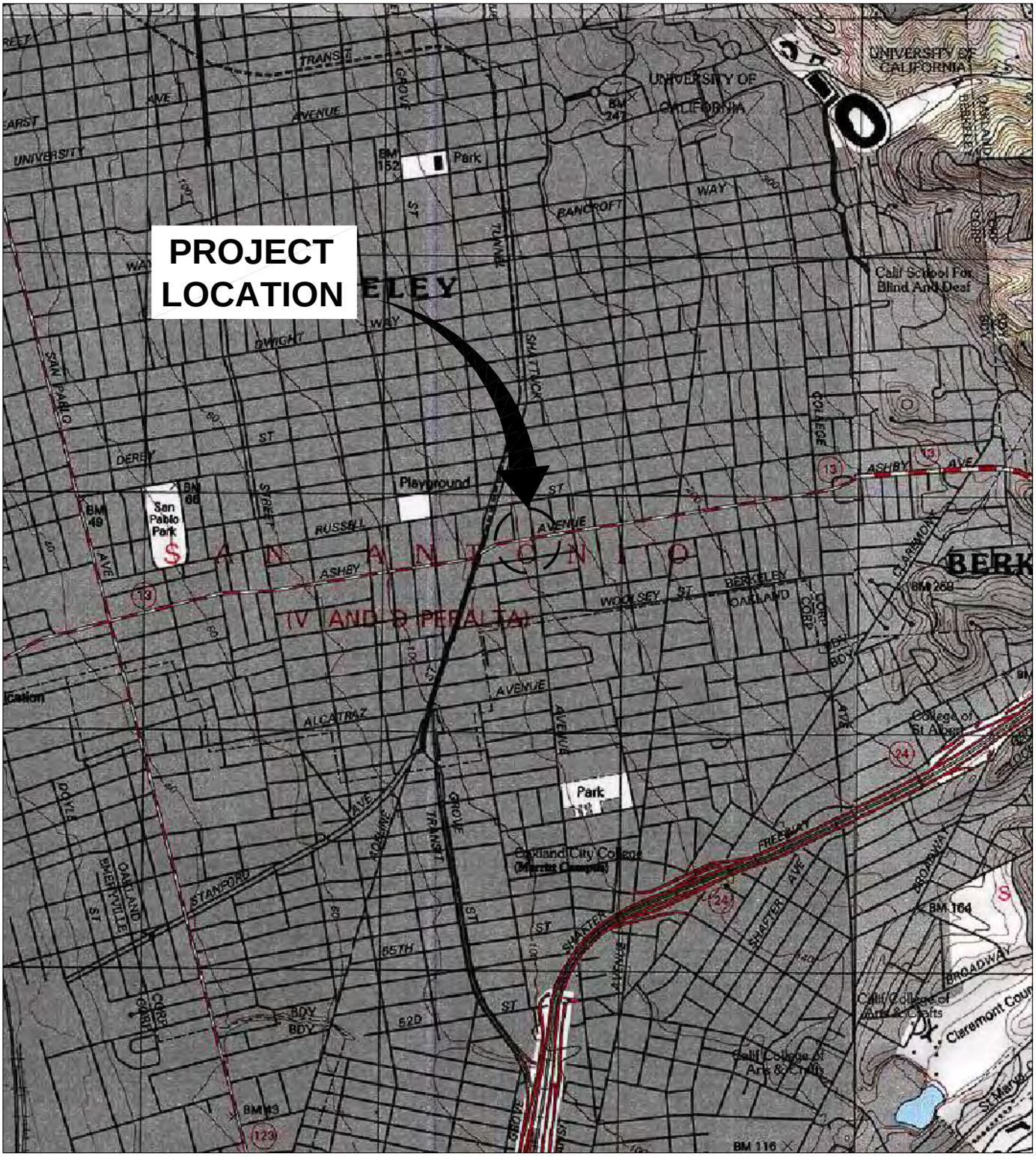
Sample Date	Approximate Flow Direction	Approximate Hydraulic Gradient (foot/foot)
1/22/1996	west	0.04
4/10/1996	west	0.02
7/16/1996	southwest	0.03
10/16/1996	southwest	0.03
3/27/1997	northwest	0.04
6/13/1997	northwest	0.05
9/17/1997	northwest	0.45
12/12/1997	west-northwest	0.02
3/16/1998	northwest	0.04
5/12/1998	west	0.02
7/31/1998	northwest	0.04
10/15/1998	west-southwest	0.02
2/16/1999	northwest	0.02
5/7/1999	west-northwest	0.03
8/27/1999	west-southwest	0.03
10/26/1999	west-southwest	0.03
2/2/2000	west-southwest	0.025
9/25/2000	southwest	0.027
11/20/2000	west-southwest	0.029
2/12/2001	west-northwest	0.029
4/4/2001	west-northwest	0.029
7/18/2001	west-northwest	0.022
10/1/2001	west-northwest	0.022
1/9/2002	west-northwest	0.033
4/3/2002	west-northwest	0.026
7/17/2002	southwest	0.018
10/30/2002	southwest	0.021
1/16/2003	northwest	0.022
4/28/2003	west-northwest	0.019
7/1/2003	west	0.025
10/3/2003	west	0.029
1/14/2004	west	0.024
4/22/2004	west	0.045
7/8/2004	west-southwest	0.023
11/2/2004	west	0.032
1/20/2005	northwest	0.05
4/14/2005	northwest	0.06
8/3/2005	northwest	0.05
1/10/2006	northwest	0.05
7/26/2006	west	0.03
11/1/2006	west	0.03
2/2/2007	west	0.03
5/15/2007	west	0.03
7/23/2007	west	0.03
10/24/2007	west	0.03
1/31/2008	northwest	0.03
4/15/2008	west	0.02
7/17/2008	west	0.02
1/28/2009	west	0.04

Table 4: Most Recent Maximum Concentration of Contaminants Detected in Soil and Groundwater
BP Station # 00414
3000 Shattuck Avenue, Berkeley, California
Local Case # 27540

Analyte	Soil [1]							Groundwater[2]					
	Most Recent Concentration Observed (mg/kg)	Sample Depth (feet bgs)	Sample Date	Maximum Concentration Observed (mg/kg)	Sample Depth (feet bgs)	Sample Date	Soil Direct Contact Commercial ESL [3] (mg/kg)	Most Recent Concentration Observed (µg/L)	Sample Date	Maximum Concentration Observed (µg/L)	Sample Date	Maximum Contaminant Level	Protection on Indoor Air Commerical ESL
TPHg	NA	--	--	**8,410**	2	8/8/2000	450	360	7/15/2009	8,300	9/4/1992	NA	NA
Benzene	NA	--	--	**3.44**	2	8/8/2000	0.27	1.2	7/15/2009	1,600	4/15/1992	1	1,800
Toluene	NA	--	--	136	2	8/8/2000	210	<0.5	7/15/2009	670	9/4/1992	150	530,000
Ethylbenzene	NA	--	--	**127**	2	8/8/2000	5	1.3	7/15/2009	270	2/12/2003	300	170,000
Xylenes	NA	--	--	**531**	2	8/8/2000	100	0.58	7/15/2009	2,500	9/4/1992	1750	170,000
MTBE	NA	--	--	19.8	2	8/8/2000	65	21	7/15/2009	8,400	10/16/1996	13	80,000
TPHd	NA	--	--	**1,920**	2	8/8/2000	450	NA	--	NA	--	NA	NA

Notes:
[1] Soil results are reported from the vadose zone, which does not exceed 12 feet bgs.
[2] Groundwater results from wells A-2 and AR-1 are reported from prior to the new unauthorized release first reported in October 2007.
[3] ESL values were taken from *Table K-2 – Direct Exposure Soil Screening Levels Commercial/Industrial Worker Exposure Scenario*, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Water Board 2008).

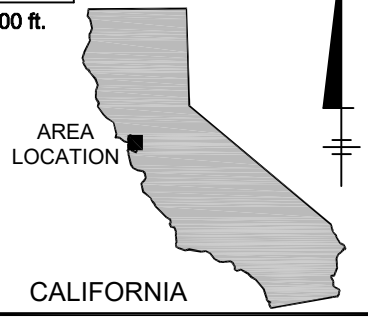
bgs = Below ground surface.
Bold = Exceedances of commercial ESL.
ESL = Environmental screening level.
mg/kg = Milligrams per kilogram.
MTBE = Methyl tert-butyl ether.
NA = Not applicable.
TPHd = Total petroleum hydrocarbons as diesel.
TPHg = Total petroleum hydrocarbons as gasoline.



REFERENCE: BASE MAP TOPO! USGS 7.5. MIN. TOPO. QUAD., OAKLAND EAST AND OAKLAND WEST, CALIFORNIA, 2003.

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.



STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

CASE CLOSURE SUMMARY REPORT

SITE LOCATION MAP

ARCADIS

FIGURE
1

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON=*;OFF=*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA.C012.Q0000DWG\GP09BPNAC012-B01.dwg LAYOUT: 1SAVED: 4/27/2010 11:03 AM ACADVER: 17.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 4/27/2010 11:03 AM BY: HARRIS, JESSICA
XREFS: IMAGES: Berkeley.tif PROJECTNAME: ---

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON=*;OFF=*REF*
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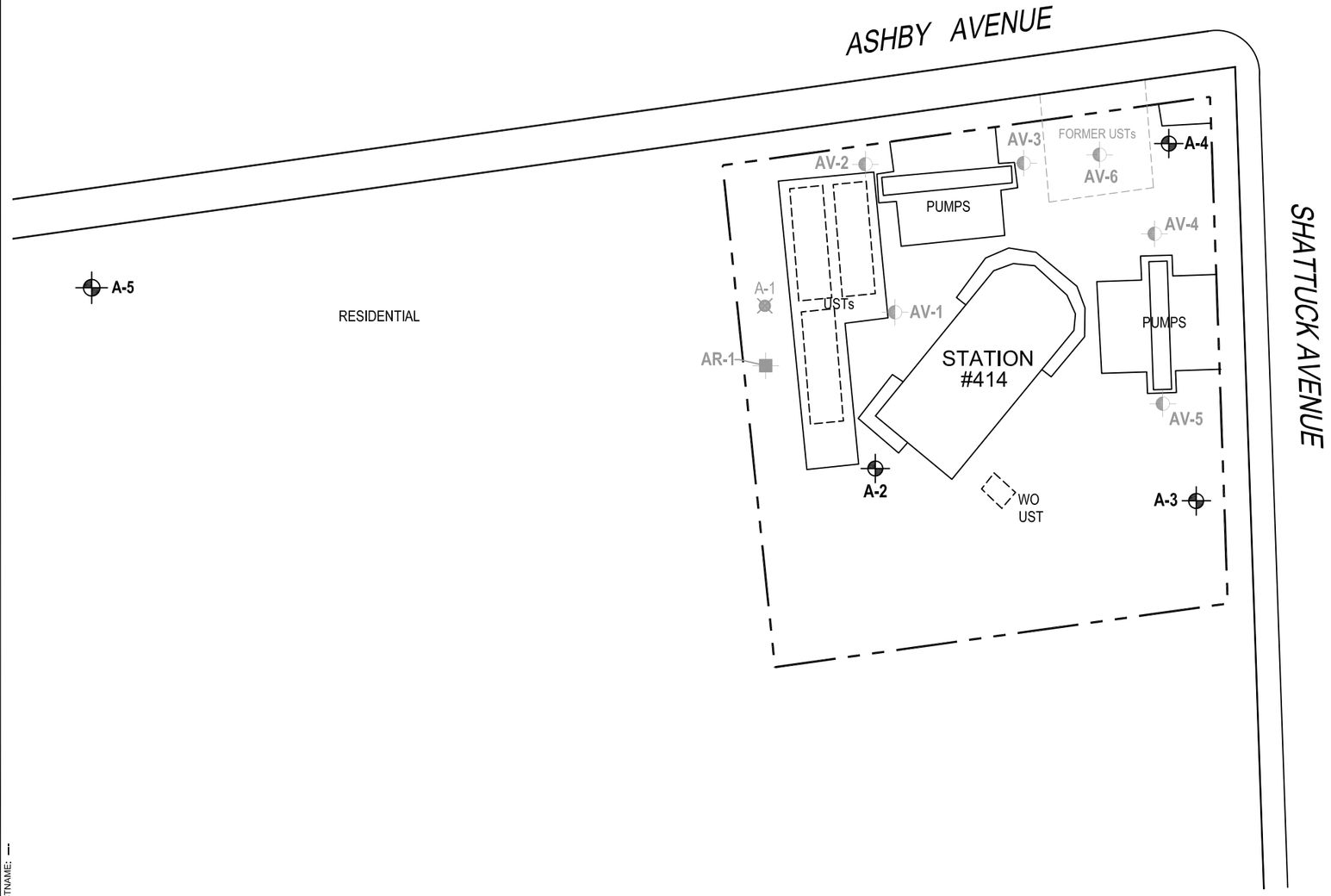
STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

CASE CLOSURE SUMMARY REPORT

SITE VICINITY MAP

ARCADIS

FIGURE
2



LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

SITE PLAN WITH HISTORICAL SOIL BORING LOCATIONS

ARCADIS

FIGURE
3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON=*;OFF=*REF*
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PROJECTNAME: ---

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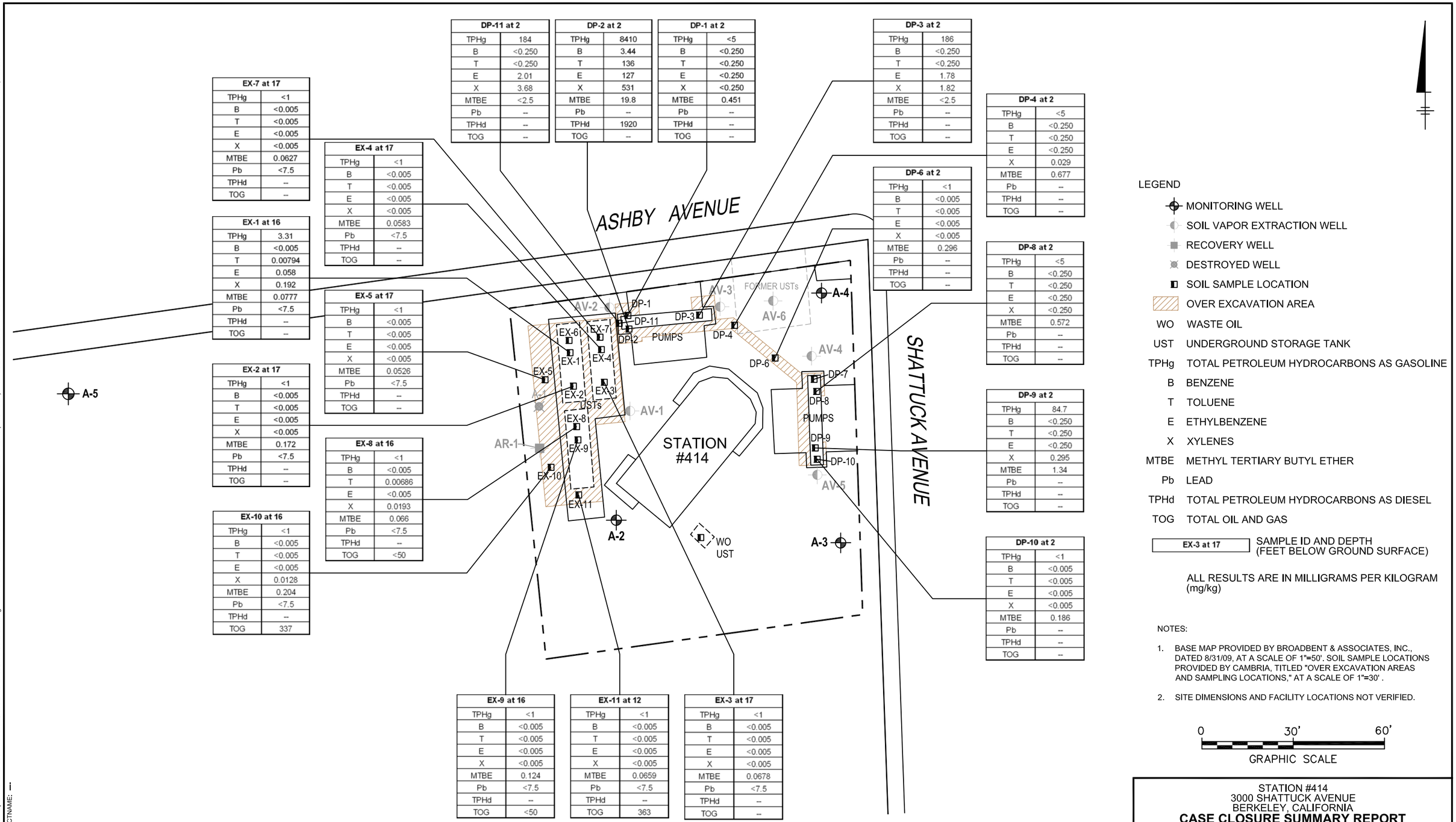
GP09BPNAC012-X02



DP-11 at 2	
TPHg	184
B	<0.250
T	<0.250
E	2.01
X	3.68
MTBE	<2.5
Pb	--
TPHd	--
TOG	--

DP-2 at 2	
TPHg	8410
B	3.44
T	136
E	127
X	531
MTBE	19.8
Pb	--
TPHd	1920
TOG	--

DP-1 at 2	
TPHg	<5
B	<0.250
T	<0.250
E	<0.250
X	<0.250
MTBE	0.451
Pb	--
TPHd	--
TOG	--

DP-3 at 2	
TPHg	186
B	<0.250
T	<0.250
E	1.78
X	1.82
MTBE	<2.5
Pb	--
TPHd	--
TOG	--

DP-4 at 2	
TPHg	<5
B	<0.250
T	<0.250
E	<0.250
X	0.029
MTBE	0.677
Pb	--
TPHd	--
TOG	--

DP-6 at 2	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.296
Pb	--
TPHd	--
TOG	--

DP-8 at 2	
TPHg	<5
B	<0.250
T	<0.250
E	<0.250
X	<0.250
MTBE	0.572
Pb	--
TPHd	--
TOG	--

DP-9 at 2	
TPHg	84.7
B	<0.250
T	<0.250
E	<0.250
X	0.295
MTBE	1.34
Pb	--
TPHd	--
TOG	--

DP-10 at 2	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.186
Pb	--
TPHd	--
TOG	--

EX-7 at 17	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.0627
Pb	<7.5
TPHd	--
TOG	--

EX-4 at 17	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.0583
Pb	<7.5
TPHd	--
TOG	--

EX-1 at 16	
TPHg	3.31
B	<0.005
T	0.00794
E	0.058
X	0.192
MTBE	0.0777
Pb	<7.5
TPHd	--
TOG	--

EX-5 at 17	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.0526
Pb	<7.5
TPHd	--
TOG	--

EX-2 at 17	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.172
Pb	<7.5
TPHd	--
TOG	--

EX-8 at 16	
TPHg	<1
B	<0.005
T	0.00686
E	<0.005
X	0.0193
MTBE	0.066
Pb	<7.5
TPHd	--
TOG	<50

EX-10 at 16	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	0.0128
MTBE	0.204
Pb	<7.5
TPHd	--
TOG	337

EX-9 at 16	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.124
Pb	<7.5
TPHd	--
TOG	<50

EX-11 at 12	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.0659
Pb	<7.5
TPHd	--
TOG	363

EX-3 at 17	
TPHg	<1
B	<0.005
T	<0.005
E	<0.005
X	<0.005
MTBE	0.0678
Pb	<7.5
TPHd	--
TOG	--

LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL
- SOIL SAMPLE LOCATION
- OVER EXCAVATION AREA

WO WASTE OIL
UST UNDERGROUND STORAGE TANK
TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B BENZENE
T TOLUENE
E ETHYLBENZENE
X XYLENES
MTBE METHYL TERTIARY BUTYL ETHER
Pb LEAD
TPHd TOTAL PETROLEUM HYDROCARBONS AS DIESEL
TOG TOTAL OIL AND GAS

EX-3 at 17 SAMPLE ID AND DEPTH (FEET BELOW GROUND SURFACE)

ALL RESULTS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'. SOIL SAMPLE LOCATIONS PROVIDED BY CAMBRIA, TITLED "OVER EXCAVATION AREAS AND SAMPLING LOCATIONS," AT A SCALE OF 1"=30' .
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'
GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

SOIL SAMPLE LOCATIONS COLLECTED DURING UST REMOVAL ACTIVITIES

ARCADIS

FIGURE
4

AV-3	
TPHg	22
B	0.24
T	0.9
E	0.57
X	2.4

AV-6	
TPHg	<1.0
B	<0.005
T	<0.005
E	<0.005
X	<0.005

A-4	
TPHg	3.1
B	0.036
T	<0.0050
E	0.071
X	0.047

AV-2	
TPHg	<1.0
B	0.12
T	<0.0050
E	<0.0050
X	<0.0050

AV-1	
TPHg	20
B	0.74
T	<0.0250
E	0.39
X	2.2

A-1	
TPHg	150
B	0.23
T	0.19
E	1.2
X	0.34

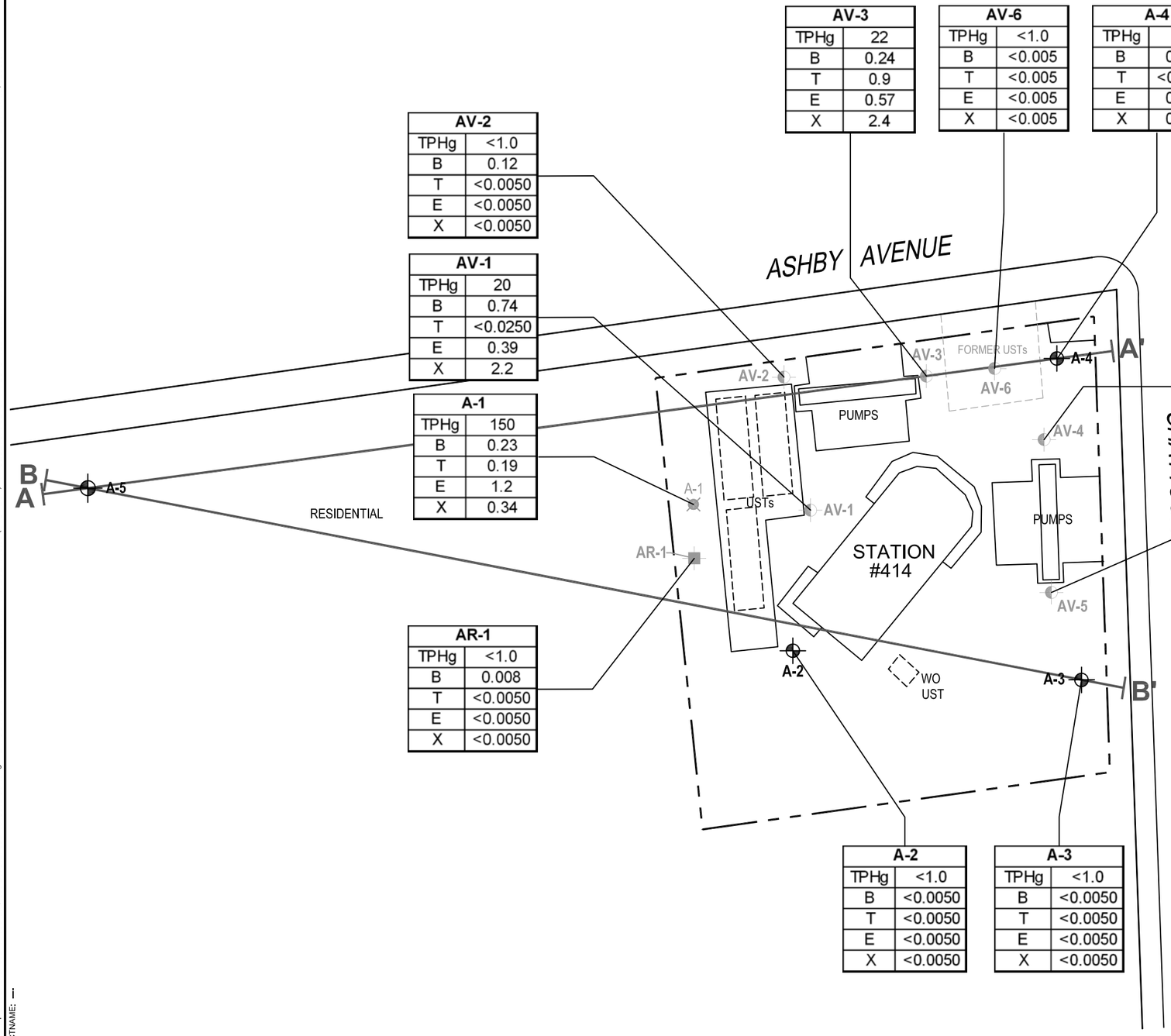
AR-1	
TPHg	<1.0
B	0.008
T	<0.0050
E	<0.0050
X	<0.0050

AV-4	
TPHg	2.8
B	0.11
T	0.006
E	0.069
X	0.19

AV-5	
TPHg	<1.0
B	<0.005
T	<0.005
E	<0.005
X	<0.005

A-2	
TPHg	<1.0
B	<0.0050
T	<0.0050
E	<0.0050
X	<0.0050

A-3	
TPHg	<1.0
B	<0.0050
T	<0.0050
E	<0.0050
X	<0.0050



LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL
- CROSS SECTION LOCATION
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X XYLENES

ALL RESULTS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

CASE CLOSURE SUMMARY REPORT

HISTORICAL LATERAL EXTENT OF TPHg SOIL IMPACTS

ARCADIS

FIGURE 5

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(OptiON=*:OFF=*REF*
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GP09BPNAC012-X01
GP09BPNAC012-X02
PROJECTNAME: ---
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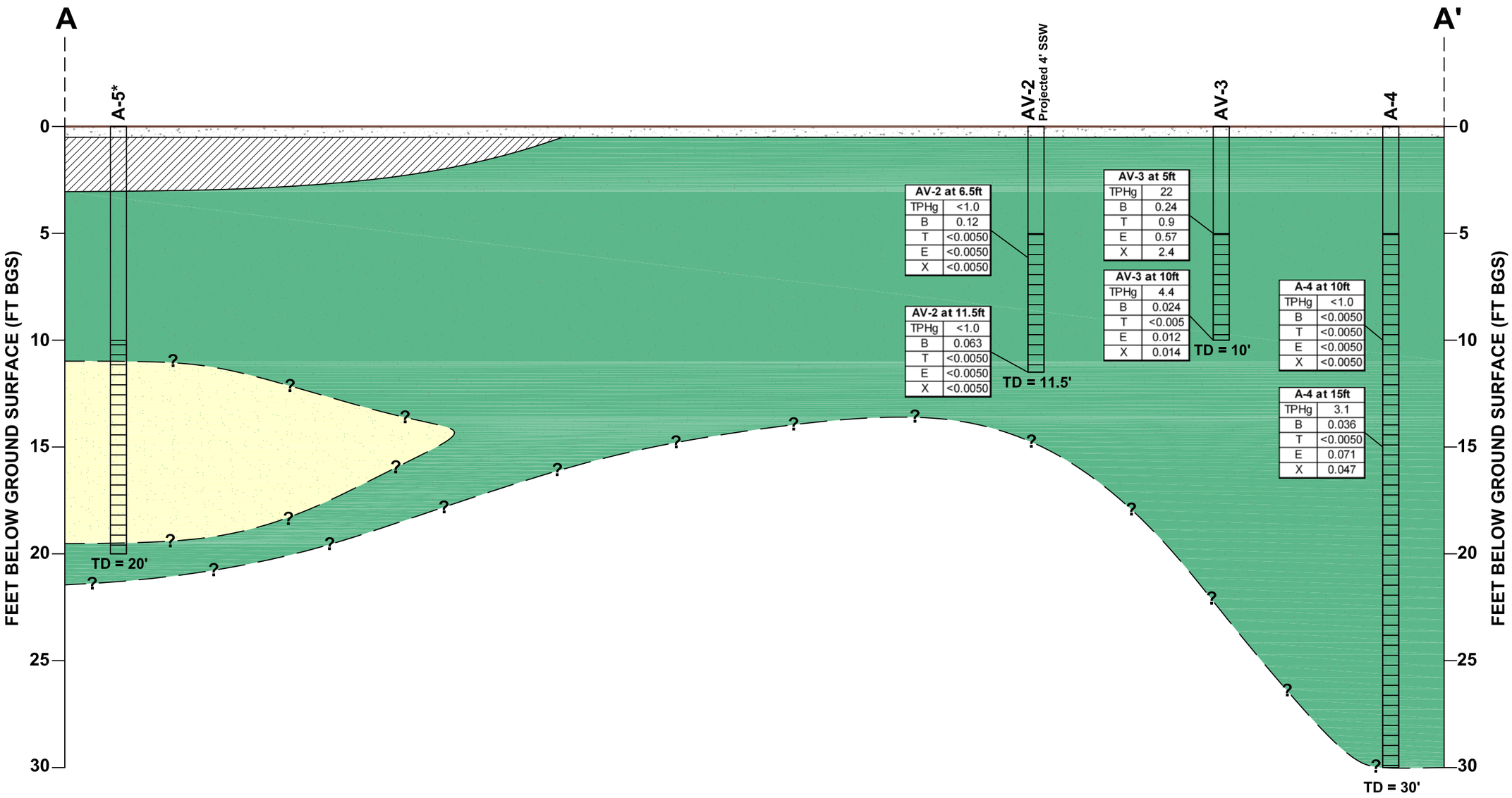

LEGEND

- WELL SCREEN
- TD — TOTAL DEPTH
- —?— INFERRED
- CLAY, CLAY WITH GRAVEL, GRAVELLY CLAY, SANDY CLAY
- CLAYEY SAND
- FILL
- CONCRETE
- * — SOIL DATA NOT LOCATED

- TPHg — TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- B — BENZENE
- T — TOLUENE
- E — ETHYLBENZENE
- X — XYLENES

ALL RESULTS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

0 5' 10'
VERTICAL SCALE

0 20' 40'
HORIZONTAL SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

CASE CLOSURE SUMMARY REPORT

GEOLOGIC CROSS SECTION A-A'

ARCADIS

FIGURE
6a

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:— PIC:— PM: H. PHILLIPS TM: J. PETERSON LYR:(Opt)ON=*;OFF=*REF*
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CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:— PIC:— PM: H. PHILLIPS TM: J. PETERSON LYR:(Opt)ON=*;OFF=*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA,C012,Q0000\DWG\GP09BPNAC012V01.dwg LAYOUT: 6B SAVED: 6/3/2010 3:20 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/3/2010 3:47 PM BY: HARRIS, JESSICA
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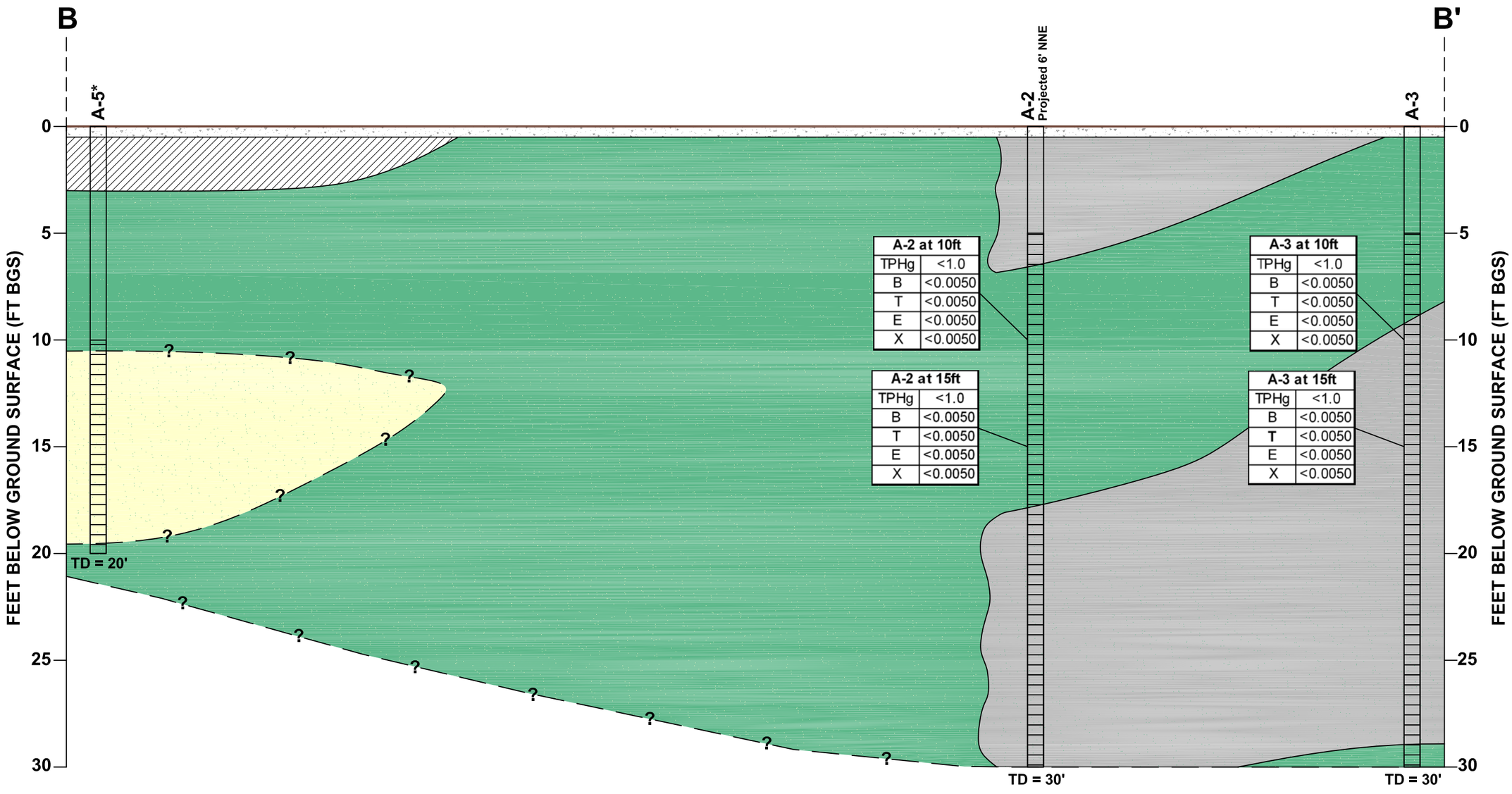


LEGEND

- WELL SCREEN
- TD — TOTAL DEPTH
- —?— INFERRED
- CLAY, CLAY WITH SAND, SANDY CLAY
- CLAYEY SAND
- CLAYEY GRAVEL
- FILL
- CONCRETE
- * — SOIL DATA NOT LOCATED

TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B BENZENE
T TOLUENE
E ETHYLBENZENE
X XYLENES

ALL RESULTS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)

0 5' 10'
VERTICAL SCALE

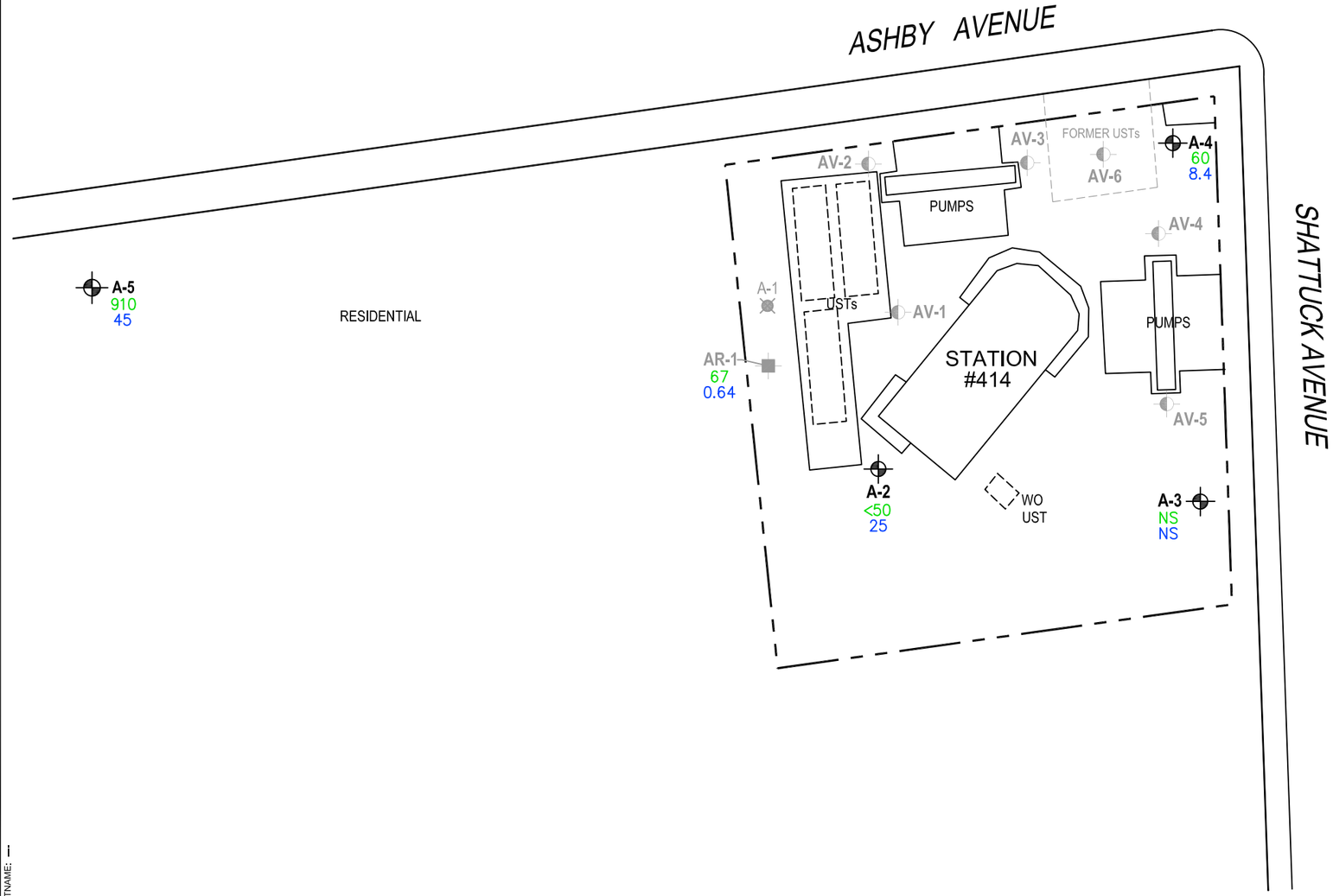
0 20' 40'
HORIZONTAL SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

GEOLOGIC CROSS SECTION B-B'

ARCADIS

FIGURE
6b



LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- MTBE METHYL TERT-BUTYL ETHER
- µg/L MICROGRAMS PER LITER
- 60 TPHg CONCENTRATION (µg/L)
- 8.4 MTBE CONCENTRATION (µg/L)
- NS NOT SAMPLED
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

CASE CLOSURE SUMMARY REPORT

EXTENT OF TPHg AND MTBE GROUNDWATER IMPACTS PRIOR TO UNAUTHORIZED RELEASE (JULY 2007)

ARCADIS

FIGURE
8

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON="OFF"*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA.C012.Q00000\DWG\GP09BPNAC012-C03.dwg LAYOUT: 8 SAVED: 6/3/2010 2:57 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/3/2010 2:58 PM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---
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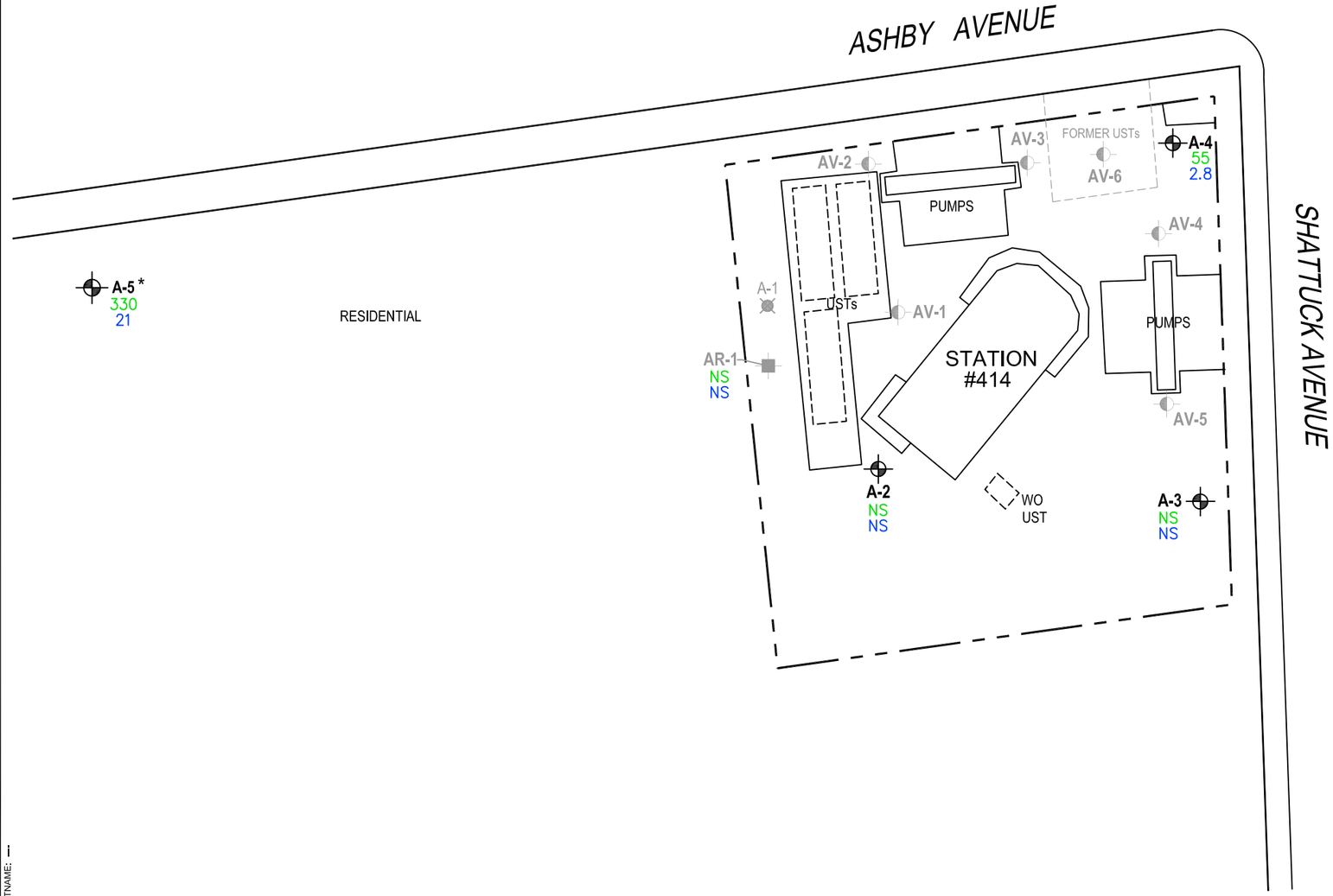
GP09BPNAC012-X02



LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- MTBE METHYL TERT-BUTYL ETHER
- µg/L MICROGRAMS PER LITER
- 55 TPHg CONCENTRATION (µg/L)
- 2.8 MTBE CONCENTRATION (µg/L)
- NS NOT SAMPLED
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK
- * MARCH 2010 SAMPLE, ALL OTHER RESULTS ARE FROM JULY 2009

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

CASE CLOSURE SUMMARY REPORT

EXTENT OF TPHg AND MTBE GROUNDWATER IMPACTS (JULY 2009 AND MARCH 2010)

ARCADIS

FIGURE 7

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON=*;OFF=*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA.C012.Q00000\DWG\GP09BPNAC012-C02.dwg LAYOUT: 7 SAVED: 6/3/2010 2:57 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/9/2010 1:23 PM BY: HARRIS, JESSICA
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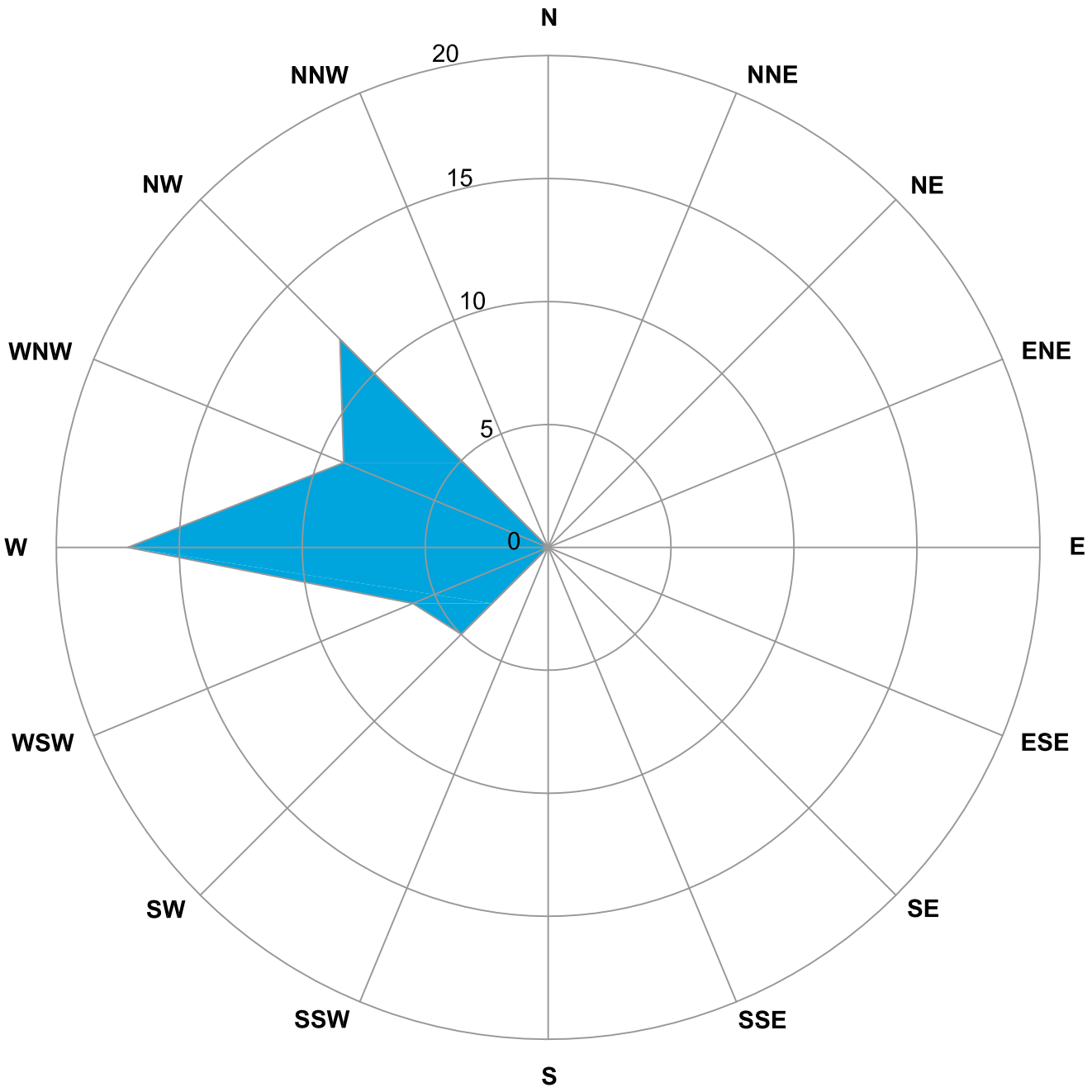
GP09BPNAC012-X02



GROUNDWATER FLOW DIRECTION

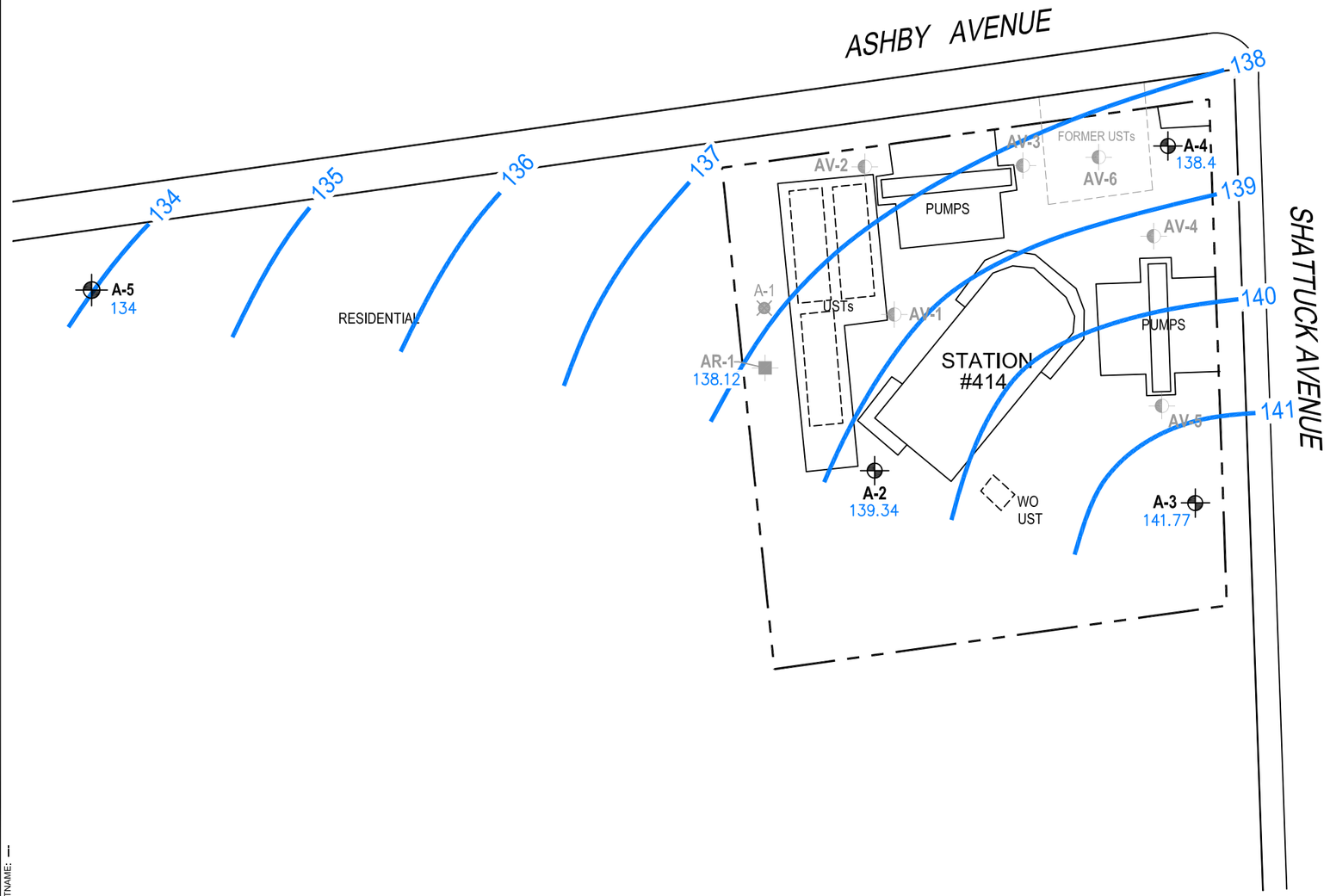
STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

HISTORICAL GROUNDWATER FLOW DIRECTION

ARCADIS

FIGURE
9

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:-- PIC:-- PM:-- TM:-- LYR:(Opt)ON=*;OFF=*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA.C012.Q0000\DWG\GP09BPNAC012-W01.dwg LAYOUT: 9 SAVED: 5/4/2010 1:58 PM ACADVER: 17.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 5/5/2010 7:35 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: --



LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL
- 135 GROUNDWATER ELEVATION CONTOUR
- 138.12 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

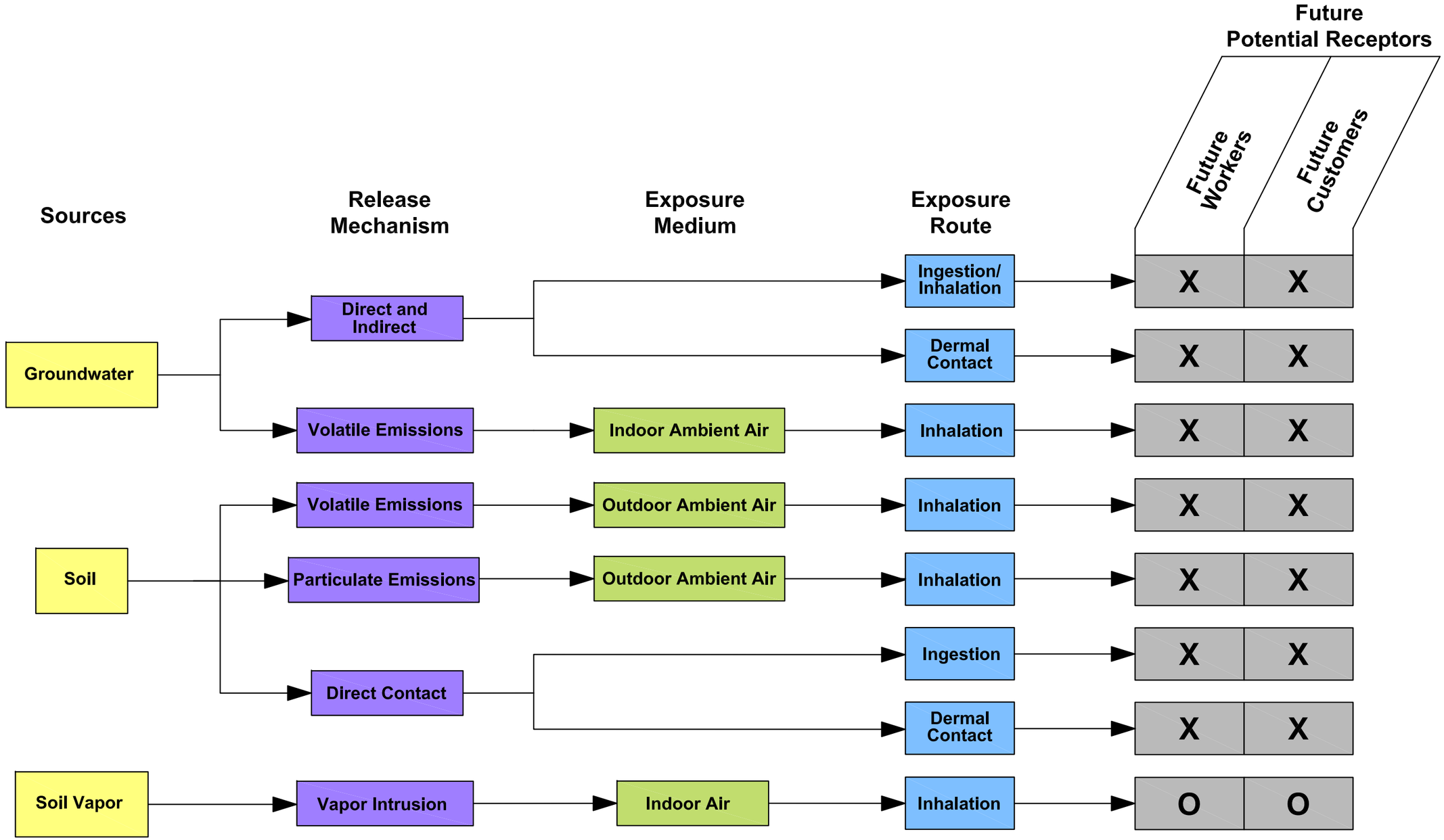
CASE CLOSURE SUMMARY REPORT

FEBRUARY 2008 POTENTIOMETRIC SURFACE CONTOURS

ARCADIS

FIGURE
10

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON="OFF"*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA.C012.Q00000\DWG\GP09BPNAC012-W02.dwg LAYOUT: 10 SAVED: 5/5/2010 8:11 AM ACADVER: 18.0S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/3/2010 2:58 PM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---
GP09BPNAC012-X01
GP09BPNAC012-X02



EXPLANATION

X INCOMPLETE PATHWAY

O COMPLETE PATHWAY

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

CONCEPTUAL SITE MODEL

ARCADIS

FIGURE
11

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:-- PIC:-- PM:-- TM:--- LYR:(Opt)ON=*;OFF=*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA,C012,G0000IDWG\GP09BPNAC012-V02.dwg LAYOUT: 11 SAVED: 2/16/2010 2:57 PM ACADVER: 17.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 5/18/2010 10:23 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---

Field location of boring:

(See Plate 2)

Project No.:	792802	Date: 10/28/91	Boring No: A-1
Client:	ARCO Service Station No. 0414		
Location:	3000 Shattuck Avenue		
City:	Berkeley, California		Sheet 1 of 2
Logged by:	R.S.Y.	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-inches

Top of Box Elevation: 141.99 Datum: MSL

Water Level	24'	23'
Time	10:50	11:15
Date	10/28/91	10/28/91

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 0.23 feet. SAND (SM) - olive (5Y 5/3), loose, dry, brick fragments; medium grain - FILL.
				2				
				3				
				4				CLAY (CH) - gray (7.5YR 5/0), stiff, moist; high plasticity; 10% medium to coarse sand.
	250	S&H						
	350		A-1-	5				COLOR CHANGE to olive gray (5Y 4/2) at 5.0 feet; trace gravel up to 1 inch; trace organics.
11	350		5.5					
	psi			6				
				7				
				8				
				9				
			A-1-					CLAYEY GRAVEL (GC) - dark gray (7.5YR 4/0), medium dense, moist; 60% fine subangular gravel; pockets of sand; voids; mottled green and olive.
570	35	S&H	10.0	10				
				11				
				12				
				13				
				14				
			A-1-					COLOR CHANGE to dark yellowish brown (10YR 4/4).
2	26	S&H	15.0	15				
				16				
				17				SANDY CLAY (CL) - dark yellowish brown (10YR 4/6), stiff, moist; 30% medium sand; 10% fine subround gravel
				18				
				19				
			A-1-					
2	23	S&H	20.0	20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

GeoStrategies Inc.

Log of Boring

BORING N

A-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
		10/91		

Field location of boring: (See Plate 2)	Project No.: 792802	Date: 10/28/91	Boring No: A-1
	Client: ARCO Service Station No. 0414		
	Location: 3000 Shattuck Avenue		
	City: Berkeley, California		Sheet 2 of 2
	Logged by: R.S.Y.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow Stem Auger			
Hole diameter: 8-inches	Top of Box Elevation:		Datum:
	Water Level		
	Time		
	Date		

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				21				
				22				
				23		▼		
				24		▽		decreasing sand content to 10%; trace gravel at 25 ft.
			A-1-					
0	18	S&H	25.0	25				Bottom of Boring at 25 ft. 10/28/91
				26				
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				

Remarks:

GeoStrategies Inc.

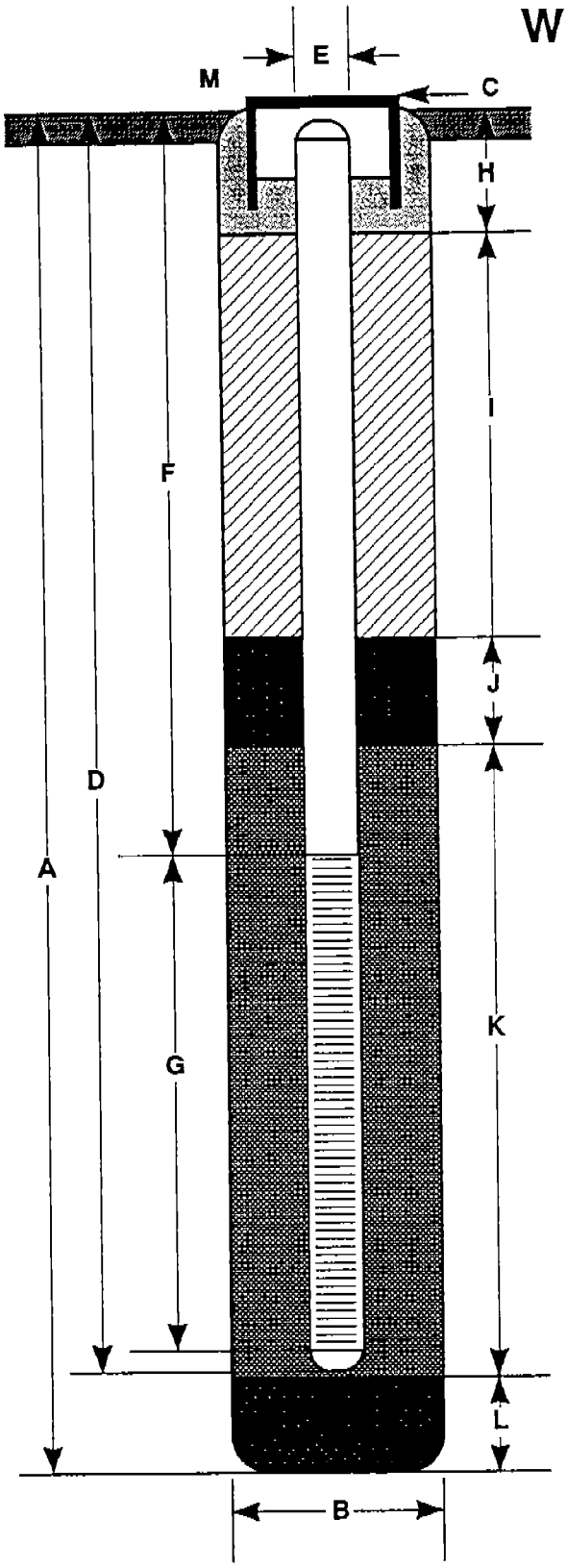
Log of Boring

BORING NO

A-1

JOB NUMBER	REVIEWED BY/RG/CEG	DATE	REVISED DATE	REVISED DATE
		10/01		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 25 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 141.99 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 5 ft.

G Perforated Length 20 ft.
Perforated Interval from 5 to 25 ft.
Perforation Type Factory Slot
Perforation Size 0.020 in.

H Surface Seal from 0.0 to 1.5 ft.
Seal Material Concrete grout

I Backfill from 1.5 to 3.0 ft.
Backfill Material Cement grout

J Seal from 3 to 4 ft.
Seal Material Bentonite pellets

K Gravel Pack from 4 to 25 ft.
Pack Material Lonestar #2/12 sand

L Bottom Seal ft.
Seal Material

M Traffic-rated box with locking cap.

Note: Depths measured from initial ground surface.

GSI GeoStrategies Inc.

Well Construction Detail

WELL NO

A-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
702802		10/91		

Field location of boring:

(See Plate 2)

Project No.:	792802	Date: 10/28/91	Boring No: A-2
Client:	ARCO Service Station No. 0414		
Location:	3000 Shattuck Avenue		Sheet 1 of 2
City:	Berkeley, California		
Logged by:	R.S.Y.	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-inches

Top of Box Elevation: 143.31 Datum: MSL

Water Level	23.5								
Time	11:45								
Date	10/28/91								

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 0.5 feet.
				2				
				3				
				4				CLAY (CL) - dark grayish brown (10YR 3/2), stiff, moist,
	350	S&H						10% fine sand, organic fragments; medium plasticity.
	350		A-2-	5				
0	350		5.5					
	psi			6				
				7				
				8				
				9				CLAYEY GRAVEL (GC) - dark yellowish brown (10YR
			A-2-					4/6), medium dense, moist; 60% fine to medium
0	32	S&H	10.0	10				subangular gravel; 30% fines; 10% coarse sand.
				11				
				12				
				13				
				14				
			A-2-					
0	20	S&H	15.0	15				
				16				
				17				
				18				CLAY with SAND (CL) - yellowish brown (10YR 6/4), stiff
				19				moist; 15% fine sand; 10% fine subround gravel; voids
			A-2-					with moisture.
0	15	S&H	20.0	20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

Log of Boring

BORING N

GSI GeoStrategies Inc.

A-

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
		10/91		

Field location of boring:

(See Plate 2)

Project No.:	792802	Date: 10/28/91	Boring No: A-2
Client:	ARCO Service Station No. 0414		
Location:	3000 Shattuck Avenue		
City:	Berkeley, California		Sheet 2 of 2
Logged by:	R.S.Y.	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-inches

Top of Box Elevation: Datum:

Water Level				
Time				
Date				

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				21				
				22				
				23				
				24		▽		Increase gravel to 25%-35%; saturated at 23.5 feet; water occurring along gravel surfaces; occasional weathered gravel.
			A-2-					
0	18	S&H	25.0	25				
				26				
				27				
				28				
				29				Decrease gravel at 29.0 feet; minor pockets of sand.
			A-2-					
0	28	S&H	30.0	30				
				31				Bottom of boring at 30.0 ft. 10/28/91
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				

Remarks:

GeoStrategies Inc.

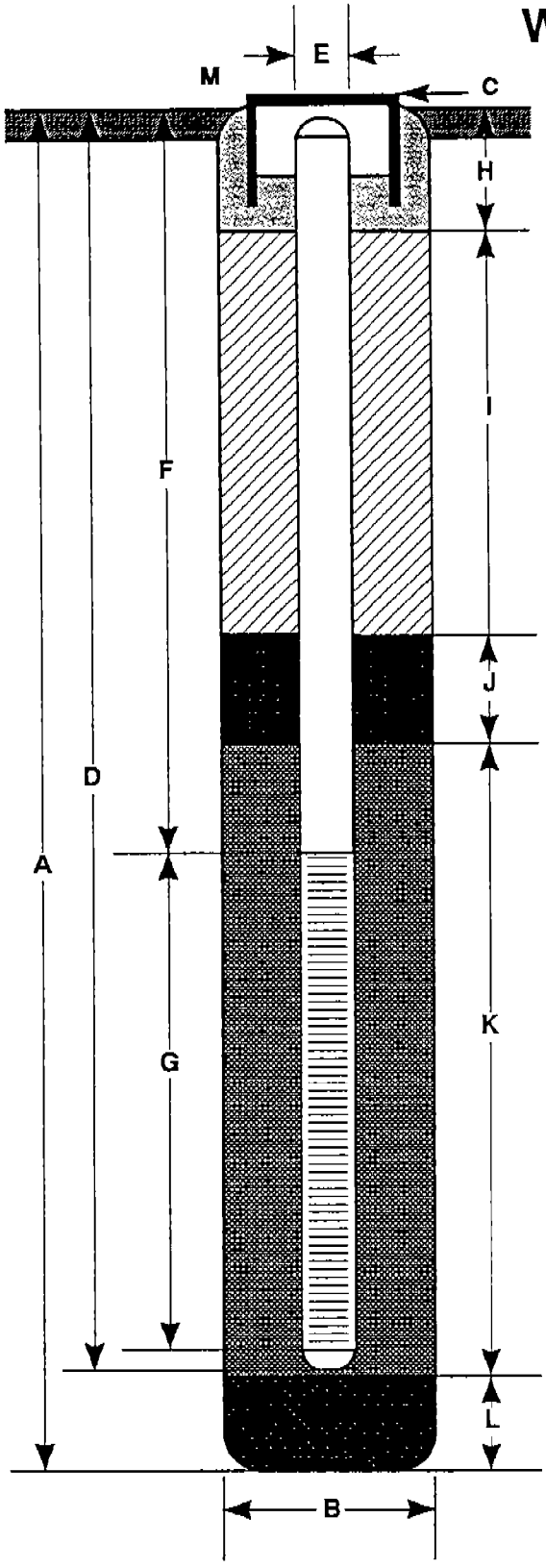
Log of Boring

BORING NO

A-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
		10/91		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 30 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 143.31 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 5 ft.

G Perforated Length 25 ft.
Perforated Interval from 5 to 30 ft.
Perforation Type Factory slot
Perforation Size 0.020 in.

H Surface Seal from 0.0 to 1.5 ft.
Seal Material Concrete grout

I Backfill from 1.5 to 3 ft.
Backfill Material Cement grout

J Seal from 3 to 4 ft.
Seal Material Bentonite pellets

K Gravel Pack from 4 to 30 ft.
Pack Material Lonestar #2/12 sand

L Bottom Seal ft.
Seal Material

M Traffic-rated box with locking cap.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. A-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
702800	RG/	10/01		

Field location of boring: (See Plate 2)	Project No.: 792802	Date: 10/28/91	Boring No: A-3
	Client: ARCO Service Station No. 0414		
	Location: 3000 Shattuck Avenue		
	City: Berkeley, California		Sheet 1 of 2
	Logged by: R.S.Y.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow Stem Auger			
Hole diameter: 8-inches	Top of Box Elevation: 144.65		Datum: MSL

Water Level	19'	12'
Time	14:00	17:00
Date	10/28/91	10/28/91

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SECTION - 0.23 feet.
				1				
				2				
				3				
				4				
	350	S&H						
	350		A-3-	5				CLAYEY GRAVEL (GC) - yellowish brown (10YR 5/6),
0	350		5.5					medium dense, damp, medium plasticity; 60% fine
	psi			6				angular gravel; 40% fines.
				7				
				8				
				9				
			A-3-					CLAY (CL) - olive (5Y 5/3), stiff, moist, medium plasticity;
0	21	S&H	10.0	10				5-10% medium sand; black organic fragments; voids.
				11				
				12		▼		
				13				
				14				
			A-3-					Increase sand to 20%
0	18	S&H	15.0	15				
				16				
				17				
				18				SANDY CLAY - dark yellowish brown (10YR 4/4),
				19		▽		medium stiff, saturated; trace subround fine gravel; 30%
			A-3-					medium to coarse sand.
0	8	S&H	20.0	20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

Log of Boring

GeoStrategies Inc.

BORING NO A-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792802		10/91		

Field location of boring:

(See Plate 2)

Project No.:	792802	Date: 10/28/91	Boring No: A-3
Client:	ARCO Service Station No. 0414		
Location:	3000 Shattuck Avenue		Sheet 2 of 2
City:	Berkeley, California		
Logged by:	R.S.Y.	Driller: Bayland	

Casing installation data:

Drilling method: Hollow Stem Auger

Hole diameter: 8-inches

Top of Box Elevation: Datum:

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				21				
				22				
				23				
				24				
			A-3-					
0	29	S&H	25.0	25				
				26				
				27				
				28				
				29				CLAYEY GRAVEL (GP) - dark yellowish brown (10YR 4/4), medium dense, saturated; 70% angular to subround fine gravel.
			A-3-					
0	33	S&H	30.0	30				Bottom of boring at 30.0 feet. 10/28/91
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				

Remarks:

GeoStrategies Inc.

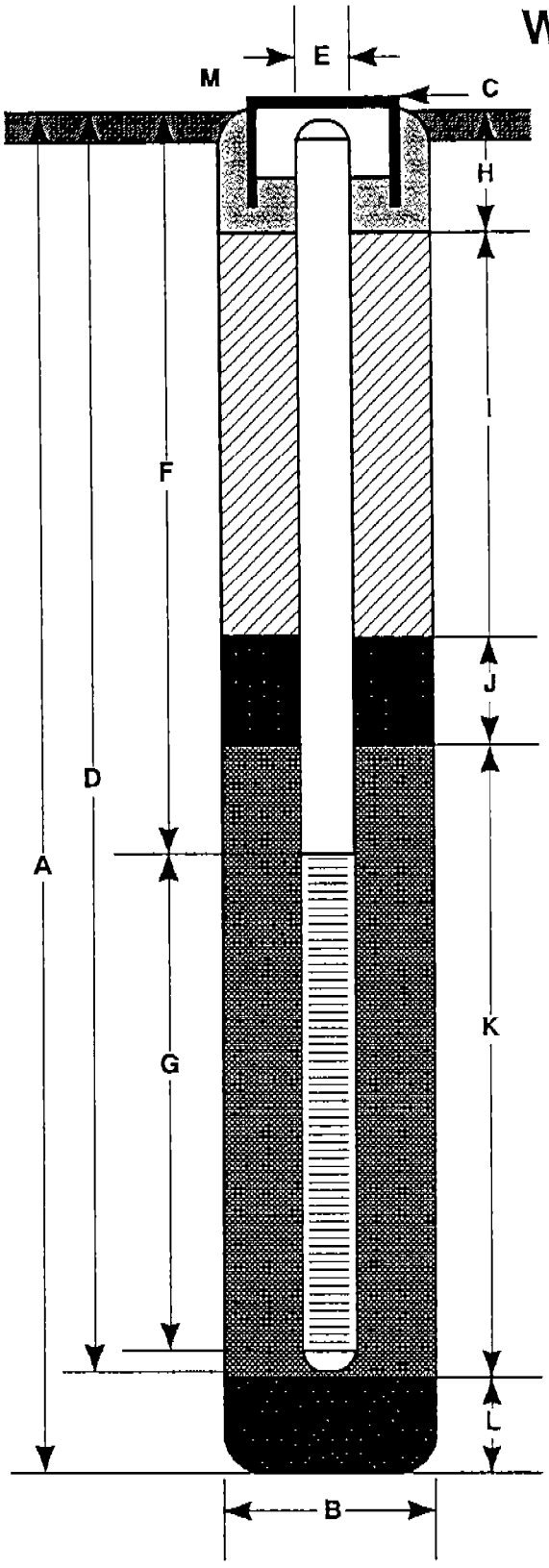
Log of Boring

BORING N

A-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792802		10/91		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 30 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 144.65 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 5 ft.

G Perforated Length 25 ft.
Perforated Interval from 5 to 30 ft.
Perforation Type Factory slot
Perforation Size 0.020 in.

H Surface Seal from 0.0 to 1.5 ft.
Seal Material Concrete grout

I Backfill from 1.5 to 3 ft.
Backfill Material Cement grout

J Seal from 3 to 4 ft.
Seal Material Bentonite pellets

K Gravel Pack from 4 to 30 ft.
Pack Material Lonestar #2/12 sand

L Bottom Seal ft.
Seal Material

M Traffic-rated box with locking cap.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO
A-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE

Field location of boring: (See Plate 2)	Project No.: 792802	Date: 10/28/91	Boring No: A-4
	Client: ARCO Service Station No. 0414		
	Location: 3000 Shattuck Avenue		
	City: Berkeley, California		Sheet 1 of 2
	Logged by: R.S.Y.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow Stem Auger			
Hole diameter: 8-inches	Top of Box Elevation: 143.99		Datum: MSL
	Water Level: 19'		
	Time: 15:30		
	Date: 10/28/91		

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SECTION - Asphalt - 3-inches
				1				
				2				
				3				CLAY (CH) - black (7.5YR 2/0), stiff, moist, high plasticity; 10% fine sand.
				4				
	250	S&H						COLOR CHANGE to olive (5Y 5/3) at 4.5 feet; 10% coarse sand; trace fine gravel at 5.0 feet.
	250		A-4-	5				
10	250		5.5					
	psi			6				
				7				
				8				
				9				
			A-4-					
120	18	S&H	10.0	10				COLOR CHANGE to gray (7.5YR 5/0) at 10.0 feet.
				11				
				12				
				13				
				14				
			A-4-					SANDY CLAY (CL) - dark yellowish brown (10YR 4/4), stiff, moist; 30% fine sand, trace fine rounded gravel.
0	22	S&H	15.0	15				
				16				
				17				
				18				
				19		▽		Saturated at 19.0 feet; voids with moisture.
			A-4-					
0	16	S&H	20.0	20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

GeoStrategies Inc.

Log of Boring

BORING NO: A-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792802		10/91		

Field location of boring: (See Plate 2)	Project No.: 792802	Date: 10/28/91	Boring No: A-4
	Client: ARCO Service Station No. 0414		
	Location: 3000 Shattuck Avenue		
	City: Berkeley, California		Sheet 2 of 2
	Logged by: R.S.Y.	Driller: Bayland	
	Casing installation data:		
Drilling method: Hollow Stem Auger			
Hole diameter: 8-inches	Top of Box Elevation:		Datum:
	Water Level		
	Time		
	Date		

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				21				
				22				
				23				
				24				Increase fine subround gravels to 30%; trace fine sand.
			A-4-					
0	11	S&H	25.0	25				
				26				
				27				
				28				
				29				
			A-4-					
0	20	S&H	30.0	30				
				31				Bottom of boring at 30.0 feet.
								1028/91
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				

Remarks:

GeoStrategies Inc.

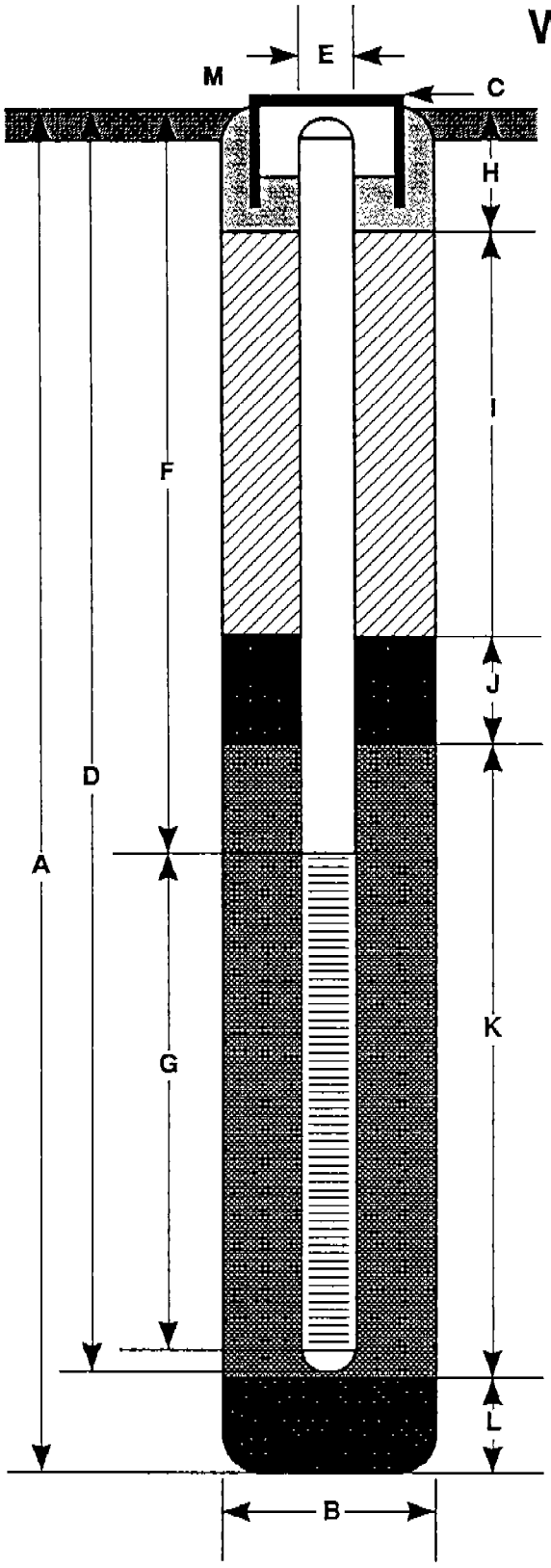
Log of Boring

BORING NO

A-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792802		10/91		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 30 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 143.99 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 30 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 5 ft.

G Perforated Length 25 ft.
Perforated Interval from 5 to 30 ft.
Perforation Type Factory slot
Perforation Size 0.020 in.

H Surface Seal from 0.0 to 1.5 ft.
Seal Material Concrete grout

I Backfill from 1.5 to 3 ft.
Backfill Material Cement grout

J Seal from 3 to 4 ft.
Seal Material Bentonite pellets

K Gravel Pack from 4 to 30 ft.
Pack Material Lonestar #2/12 sand

L Bottom Seal ft.
Seal Material

M Traffic-rated box with locking cap.

Note: Depths measured from initial ground surface.

Cambria Environmental Technology, Inc.
1144 - 65th St.
Oakland, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	ARCO	**BORING/WELL NAME**	A-5/A-5
JOB/SITE NAME	Off Site Well Install / Site Assessment	**DRILLING STARTED**	26-Apr-02
LOCATION	2030 Ashby Avenue, Berkeley	**DRILLING COMPLETED**	26-Apr-02
PROJECT NUMBER	438-1775-008	**WELL DEVELOPMENT DATE (YIELD)**	30-Apr-02 (16.5)
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	138.05 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	137.90 ft above msl
BORING DIAMETER	8 inch	**SCREENED INTERVAL**	10 to 20 ft bgs
LOGGED BY	M. Meyers	**DEPTH TO WATER (First Encountered)**	15.0 ft (26-Apr-02) ▽
REVIEWED BY	R. Scheele, RG# 6842	**DEPTH TO WATER (Static)**	9.30 ft (30-Apr-02) ▼
REMARKS			

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
							CONCRETE	0.3
							FILL: grey brown; medium dense; moist; 50% gravel, 35% sand, 10% cobbles, 5% clay; subangular cobbles to 110mm; high estimated permeability.	3.0
					CH		**CLAY**: dark brown; medium stiff; wet; 90% clay, 10% medium grained sand; high plasticity; low estimated permeability; mottled.	4.0
				5			@ 3.5' - becomes grey brown; stiff; moist.	
		A-6@6.5					**Sandy CLAY**: light brown; stiff; moist; 75% clay, 25% very fine to fine sand; medium plasticity; low estimated permeability; mottled; FeO2 oxidation.	6.0
					CL CH		**Sandy CLAY - Clayey SAND**: light brown; stiff; moist; 45% fine to medium sand, 45% clay, 10% well rounded gravel; gravel to 10mm; mottled; FeO2 oxidation. ▼	
				10				11.0
		A-6@ 11.5					**Clayey SAND**: blue grey; dense; wet; 65% medium sand, 30% clay, 5% gravel to 25mm; low plasticity; medium estimated permeability; mottled; FeO2 oxidation. ▽	
				15	SC			
		A-6@ 16.5					@ 16' - becomes red brown; saturated; 10% gravel; well rounded gravels to 10mm; fine to medium sand.	
								19.5
		A-6@20		20			**Sandy CLAY**: red brown; stiff; saturated; 80% clay, 20% sand; high plasticity; low estimated permeability; FeO2 oxidation.	20.0

WELL DIAGRAM

- Portland Type I/II Cement
- Bentonite Seal
- Monterey Sand #2/12
- 2"-diameter, 0.010" Slotted Schedule 40 PVC
- Bottom of Boring @ 20 ft

WELL LOG (TPH-G) H:\ARCO\0414\GINTARCO414.GPJ DEFAULT.GDT 6/21/02

Field location of boring: (See Plate 2)	Project No.: 792804	Date: 8/3&4/92	Boring No: AR-1
	Client: ARCO Products Company SS#0414		
	Location: 3000 Shattuck Avenue		
	City: Berkeley		Sheet 1 of 2
	Logged by: RCM	Driller: W. Hazmat	
	Casing installation data:		
Drilling method: Hollow Stem Auger			
Hole diameter: 12-inches	Top of Box Elevation: 142.43		Datum: MSL

Water Level	18.5'	12.6'	
Time	11:36	18:31	
Date	8/3/92	8/6/92	

PID (ppm)	Blows/ft*. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SCTION - 0.75 Ft.
				1				
								CLAY with SAND (CL) - light olive brown (2.5Y 5/4); soft;
				2				damp; 80% clay, 20% fine to medium sand.
				3				
	300	S&H	AR-1	4				Increase angular fine gravel to 10%, minor greenish grey
11	300	(Push)	14.5					(5GY 5/1) discoloration in rootlets at 4.5 ft.
	300			5				
				6				
				7				
				8				
		S&H		9				Increase coarse, rounded sand to 25%; hard; moist at
			AR-1					8.5 ft.
317	40		10.0	10				
				11				
				12				
				13		▼		
		S&H		14				SILTY GRAVEL with SAND (GM) - dark yellowish brown
			AR-1					(10YR 4/4); very dense; moist; 60% sub-angular to
4	54		15.0	15				sub-rounded, fine to coarse gravel, 20% fine to coarse
				16				sand, 20% silt.
				17				
				18		▽		
		S&H		19				CLAYEY SAND (SC) - dark yellowish brown (10YR 3/6),
			AR-1					medium dense; saturated; 55% fine to coarse sand, 35%
2	23		20.0	20				clay, 10% fine gravel.

Remarks: * Converted to equivalent standard penetration blows/ft.

GeoStrategies Inc.

Log of Boring

BORING NO. AR-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804		8/92		

Field location of boring:	Project No.: 792804	Date: 8/3&4/92	Boring No:
(See Plate 2)	Client: ARCO Products Company SS# 0414		AR-1
	Location: 3000 Shattuck Avenue		Sheet 2
	City: Berkeley		of 2
	Logged by: RCM	Driller: W. Hazmat	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 12-inches	Top of Box Elevation:	Datum:	
	Water Level		
	Time		
	Date		

PID (ppm)	Blows/ft*. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				21				
				22				
				23				
		S&H		24				SANDY CLAY (CL)-dark yellowish brown (10YR 3/6); stiff;
			AR-1					saturated; 60% clay, 40% fine coarse sand.
0	14		25.0	25				
				26				
				27				
				28				
		S&H		29				Increase gravel to 25%, very stiff at 28.5 ft.
			AR-1					
8	18		30.0	30				
				31				
				32				
				33				
		S&H		34				CLAY (CL) - yellowish brown (10YR 5/4), stiff, moist; 85%
			AR-1					clay, 15% fine to medium sand.
1	13		35.0	35				
				36				
				37				Bottom of boring 35.0 ft. 8/4/92
				38				
				39				
				40				

Remarks:

GeoStrategies Inc.

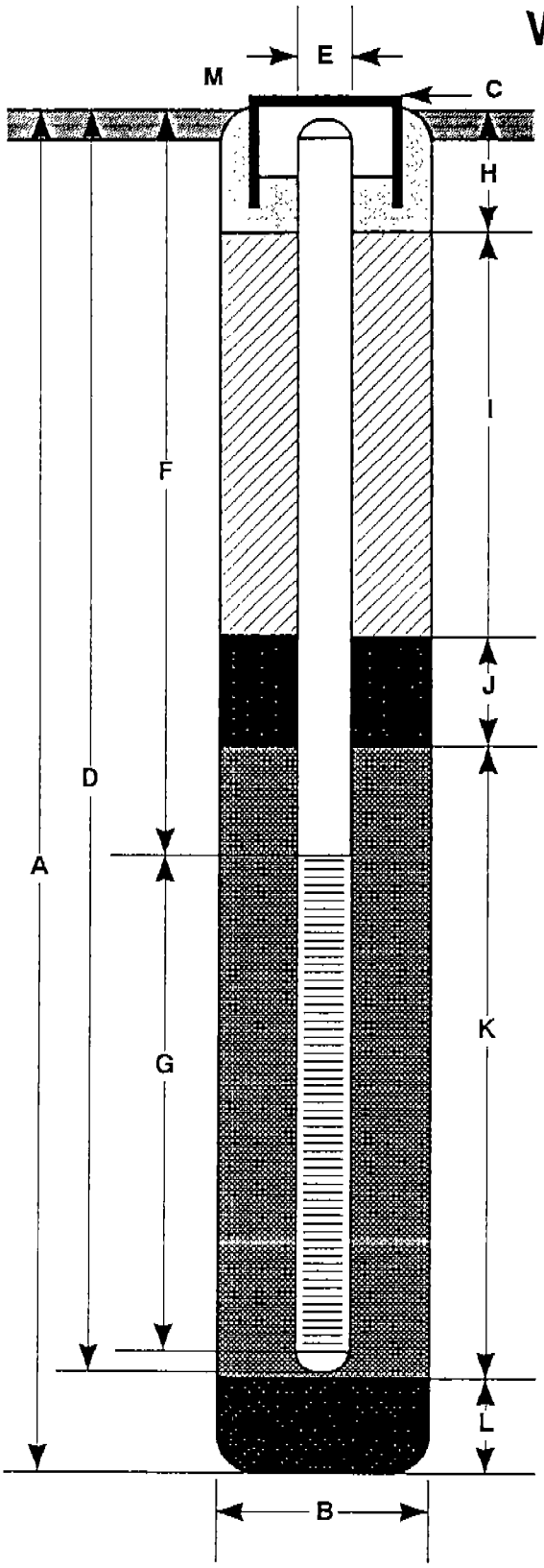
Log of Boring

BORING NO.

AR-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804		8/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 35.0 ft.

B Diameter of Boring 12 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 142.43 ft.
[x] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 33.0 ft.
Material Sch. 40 PVC and Carbon Steel

E Casing Diameter 6 in.

F Depth to Top Perforations 8.0 ft.

G Perforated Length 25.0 ft.
Perforated Interval from 8.0 to 33.0 ft.
Perforation Type Continuous Wrap
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.0 ft.
Seal Material Concrete

I Backfill from 1.0 to 6.0 ft.
Backfill Material Neat Cement

J Seal from 6.0 to 7.0 ft.
Seal Material Bentonite

K Gravel Pack from 7.0 to 33.0 ft.
Pack Material Lonestar #2/12 Graded Sand

L Bottom Seal 2.0 ft.
Seal Material Bentonite

M Waterproof vault box with waterproof locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
AR-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
702804				

Field location of boring: (See Plate 2)	Project No.: 792804	Date: 8/6/92	Boring No.: AV-1
	Client: ARCO Products Company SS#0414		
	Location: 3000 Shattuck Avenue		
	City: Berkeley		Sheet 1 of 1
	Logged by: RCM	Driller: W. Hazmat	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 10-inches	Top of Box Elevation:	Datum:	
	Water Level		
	Time		
	Date		

PID (ppm)	Blows/ft*. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 1.5 FT.
				2				CLAY (CH) - black (10YR 2/1); stiff; damp; 95% clay, 5% medium sand; high plasticity, wood fragments.
				3				
	100	S&H		4				CLAY (CL) - olive (5Y-5/3); stiff; damp; 95% clay, 5% sand; medium plasticity.
	100	(Push)	AV-1					
1	100		5.0	5				
				6				
				7				
				8				
383		S&H		9				Increase subrounded to angular medium to coarse sand to 20%, moist, greenish gray (5G 5/1) discoloration in rootlets at 8.5 ft.
			AV-1					
716	34		10.0	10				Bottom of boring at 10.0 ft. 8/6/92
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Remarks: * Converted to equivalent Standard Penetration Blows/ft.

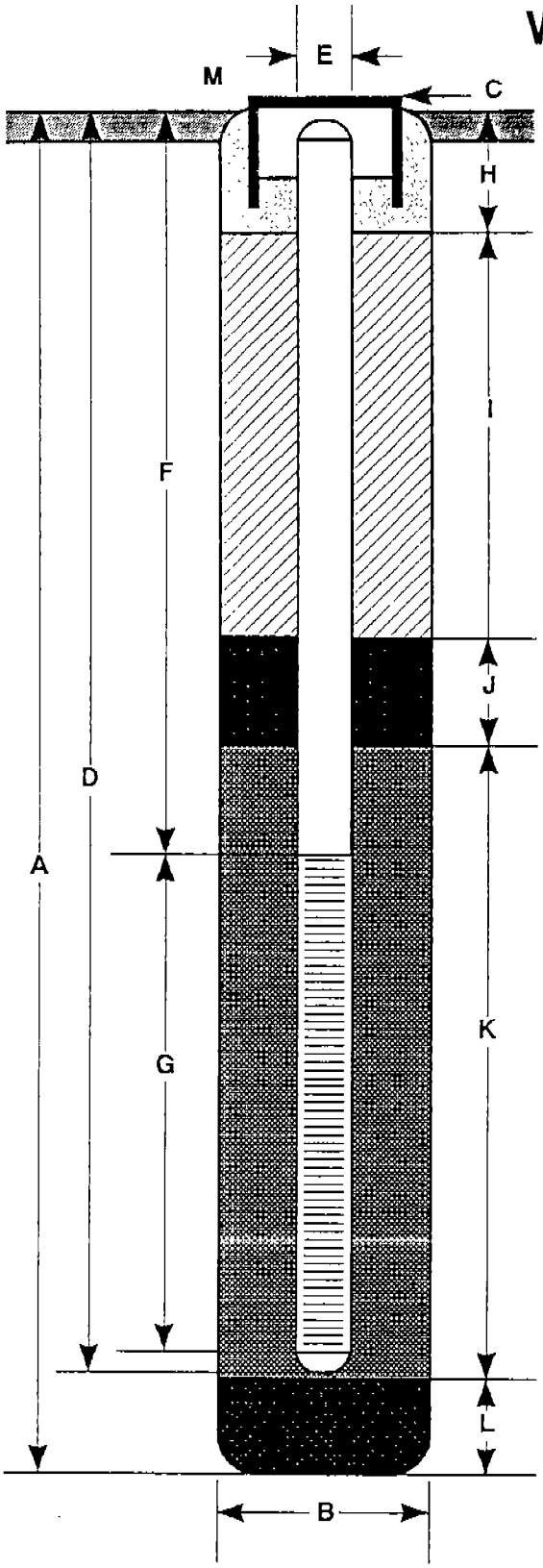
GSI GeoStrategies Inc.

Log of Boring

BORING NO. AV-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804		8/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring: 10.0 ft.

B Diameter of Boring: 10 in.
Drilling Method: Hollow Stem Augers

C Top of Box Elevation: _____ ft.
☐ Referenced to Mean Sea Level
☐ Referenced to Project Datum

D Casing Length: 10.0 ft.
Material: Schedule 40 PVC

E Casing Diameter: 4 in.

F Depth to Top Perforations: 5.0 ft.

G Perforated Length: 5.0 ft.
Perforated Interval from 5.0 to 10.0 ft.
Perforation Type: Continuous Wrap
Perforation Size: 0.060 in.

H Surface Seal from 0 to 1.0 ft.
Seal Material: Concrete

I Backfill from 1.0 to 4.0 ft.
Backfill Material: Neat Cement

J Seal from 4.0 to 4.5 ft.
Seal Material: Bentonite

K Gravel Pack from 4.5 to 10.0 ft.
Pack Material: Lonestar #2/12 Graded Sand

L Bottom Seal: _____ ft.
Seal Material: _____

M Waterproof vault box with waterproof locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO
AV-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
700804				

Field location of boring: (See Plate 2)	Project No.: 792804	Date: 8/6/92	Boring No.: AV-2
	Client: ARCO Products Company SS#0414		
	Location: 3000 Shattuck Avenue		
	City: Berkeley		Sheet 1 of 1
	Logged by: RCM	Driller: W. Hazmat	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 10-inches	Top of Box Elevation:	Datum:	
	Water Level		
	Time		
	Date		

PID (ppm)	Blows/ft*. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SECTION - 0.5 ft.
				1				
								CLAY (CH) - black (10YR-2/1); stiff; damp; high plasticity;
				2				95% clay, 5% sand.
				3				
187	100	S&H						No sample recovery at 3.5 ft.
	100	(Push)		4				
	100							
	300	S&H		5				CLAY with GRAVEL (CL) - greenish gray (5G 5/1); dense;
	450	(Push)	AV-2					damp; 55% clay, 40% gravel, 5% sand.
160	550		6.0	6				
				7				
				8				No sample recovery - rock in sample tube at 8.5 ft.
247	600	S&H		9				Color Change to light olive brown (2.5Y 5/4), moist,
	600	(Push)						decrease gravel to 10%, increase sand to 15% at 10.0 ft.
	600			10				
		S&H						
			AV-2	11				
5	28		11.5					
				12				
				13				
				14				
								Bottom of Boring 11.5 ft.
				15				8/6/92
				16				
				17				
				18				
				19				
				20				

Remarks: * Converted to equivalent standard penetration blows/ft.

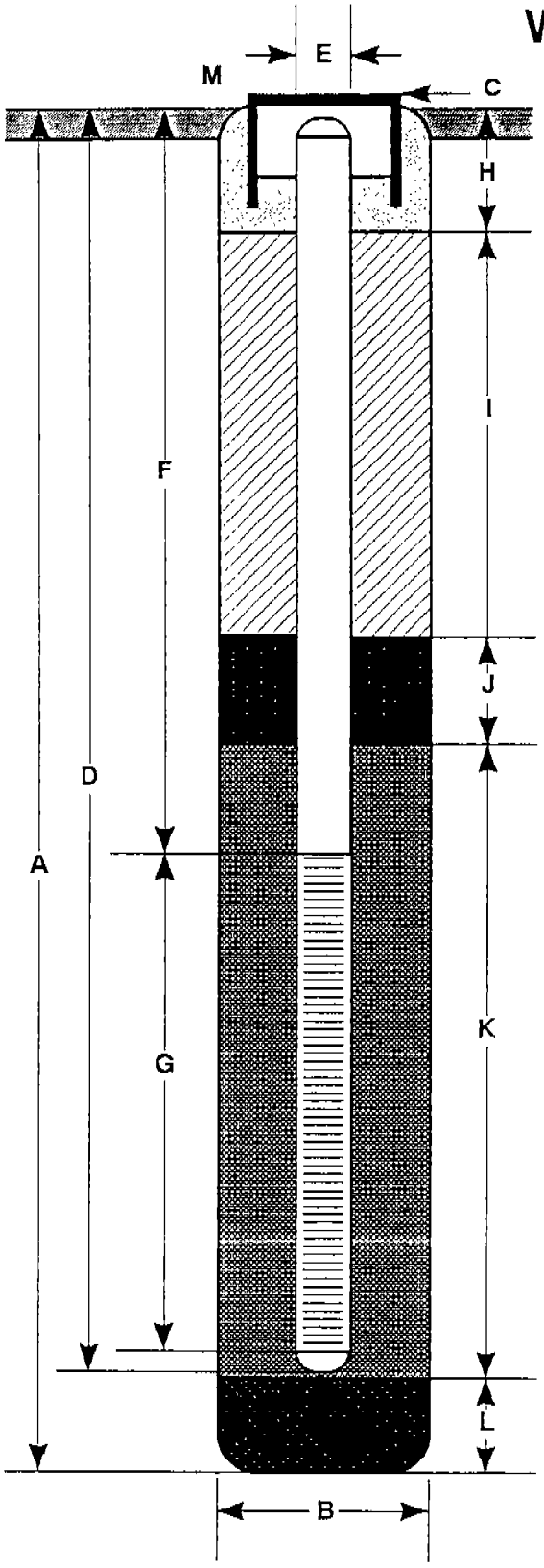
GSI GeoStrategies Inc.

Log of Boring

BORING NO. AV-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804		8/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 11.5 ft.

B Diameter of Boring 10 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation ft.
☐ Referenced to Mean Sea Level
☐ Referenced to Project Datum

D Casing Length 10.0 ft.
Material Schedule 40 PVC

E Casing Diameter 4 in.

F Depth to Top Perforations 5.0 ft.

G Perforated Length 5.0 ft.
Perforated Interval from 5.0 to 10.0 ft.
Perforation Type Continuous Wrap
Perforation Size 0.060 in.

H Surface Seal from 0 to 1.0 ft.
Seal Material Concrete

I Backfill from 1.0 to 4.0 ft.
Backfill Material Neat Cement

J Seal from 4.0 to 4.5 ft.
Seal Material Bentonite

K Gravel Pack from 4.5 to 10.0 ft.
Pack Material Lonestar #2/12 Graded Sand

L Bottom Seal 1.5 ft.
Seal Material Bentonite

M Waterproof vault box with waterproof locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
AV-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
202804				

Field location of boring:	Project No.: 792804	Date: 8/6/92	Boring No:
(See Plate 2)	Client: ARCO Products Company SS#0414		AV-3
	Location: 3000 Shattuck Avenue		Sheet 1
	City: Berkeley		of 1
	Logged by: RCM	Driller: W. Hazmat	
	Casing installation data:		
Drilling method: Hollow Stem Auger			
Hole diameter: 10-inches	Top of Box Elevation:		Datum:
	Water Level		
	Time		
	Date		

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SECTION - 0.5 FT.
				1				CLAY (CL) - yellowish brown (10YR 5/4), medium stiff; moist; 90% clay, 5% gravel, 5% sand, wood fragments.
				2				CLAY (CH) - black (10YR 2/1); soft; saturated; high plasticity; 100% clay; trace wood fragments.
				3				
	400	S&H		4				GRAVELLY CLAY (CL) - olive (5Y 5/3); medium stiff;
	400	(Push)	AV-3					damp; 70% clay, 25% fine gravel, 5% sand; greenish
1177	400		5.0	5				gray (5G 5/1) discoloration.
				6				
				7				
				8				
		S&H		9				Color change to yellowish brown (10YR 5/4); hard; moist at 8.5 ft.
			AV-3					
90	29		10.0	10				
				11				
				12				Bottom of Boring at 10.0 ft.
								8/6/92
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Remarks: * Converted to equivalent standard penetration blows/ft.

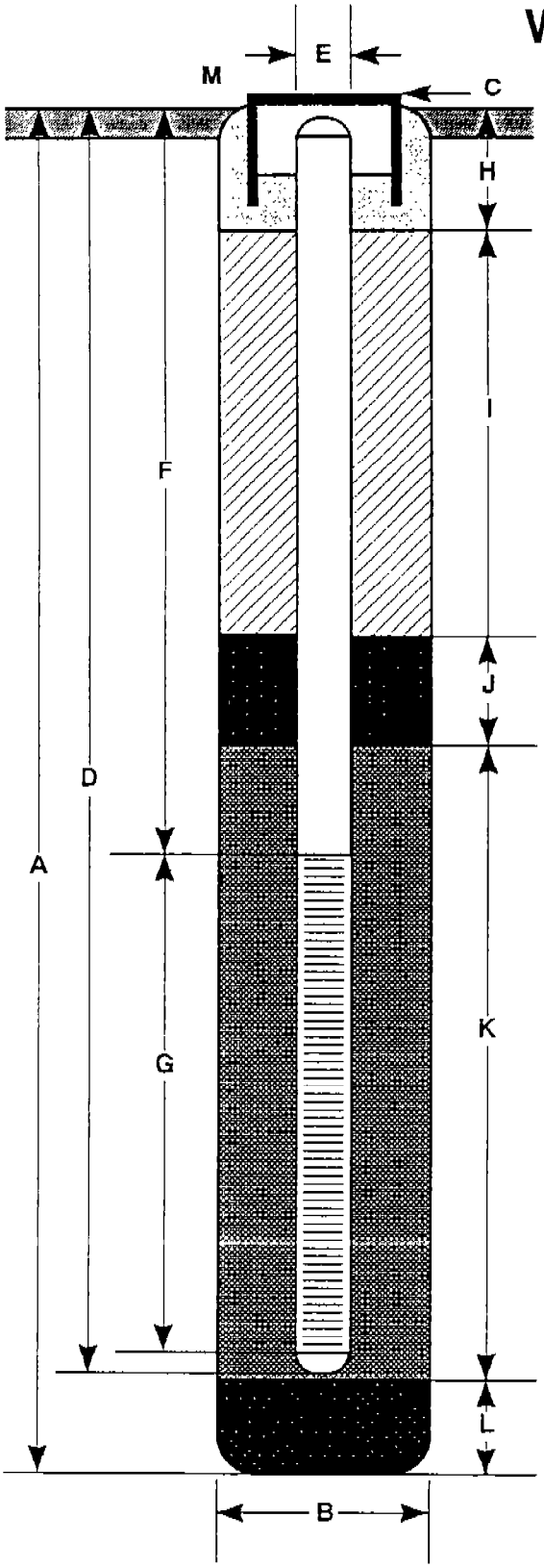
GeoStrategies Inc.

Log of Boring

BORING NO. AV-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804		8/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 10.0 ft.

B Diameter of Boring 10 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation _____ ft.
☐ Referenced to Mean Sea Level
☐ Referenced to Project Datum

D Casing Length 10.0 ft.
Material Schedule 40 PVC

E Casing Diameter 4 in.

F Depth to Top Perforations 5.0 ft.

G Perforated Length 5.0 ft.
Perforated Interval from 5.0 to 10.0 ft.
Perforation Type Continuous Wrap
Perforation Size 0.060 in.

H Surface Seal from 0 to 1.0 ft.
Seal Material Concrete

I Backfill from 1.0 to 4.0 ft.
Backfill Material Neat Cement

J Seal from 4.0 to 4.5 ft.
Seal Material Bentonite

K Gravel Pack from 4.5 to 10.0 ft.
Pack Material Coarse Aquarium Sand

L Bottom Seal _____ ft.
Seal Material _____

M Waterproof underground vault box with waterproof locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO.
AV-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804		9/00		

Field location of boring:	Project No.: 792804	Date: 8/6/92	Boring No:
(See Plate 2)	Client: ARCO Products Company SS#0414		AV-4
	Location: 3000 Shattuck Avenue		Sheet 1
	City: Berkeley		of 1
	Logged by: RCM	Driller: W. Hazmat	
Drilling method: Hollow Stem Auger	Casing installation data:		
Hole diameter: 10-inches	Top of Box Elevation:	Datum:	

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Water Level / Time / Date	Description
									PAVEMENT SECTION -0.5 ft.
				1					
									CLAY (CH) - black (10YR 2/1); stiff; damp; high plasticity;
				2					95% clay, 5% fine sand.
				3					
	400	S&H		4					CLAY (CL) - light olive brown (2.5Y 5/4); medium stiff;
	400	(Push)	AV-4						damp; 90% clay, 10% fine to coarse sand; minor
118	400		5.0	5					greenish gray (5G 5/1) discoloration.
				6					
				7					
				8					
		S&H		9					COLOR CHANGE to olive yellow (2.5Y 6/6); greenish
			AV-4						gray (5G 5/1) discoloration; hard at 8.5 ft.
570	37		10.0	10					
				11					
									Bottom of boring at 10.0 ft.
				12					8/6/92
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					

Remarks: * Converted to equivalent standard penetration blows/ft.

GeoStrategies Inc.

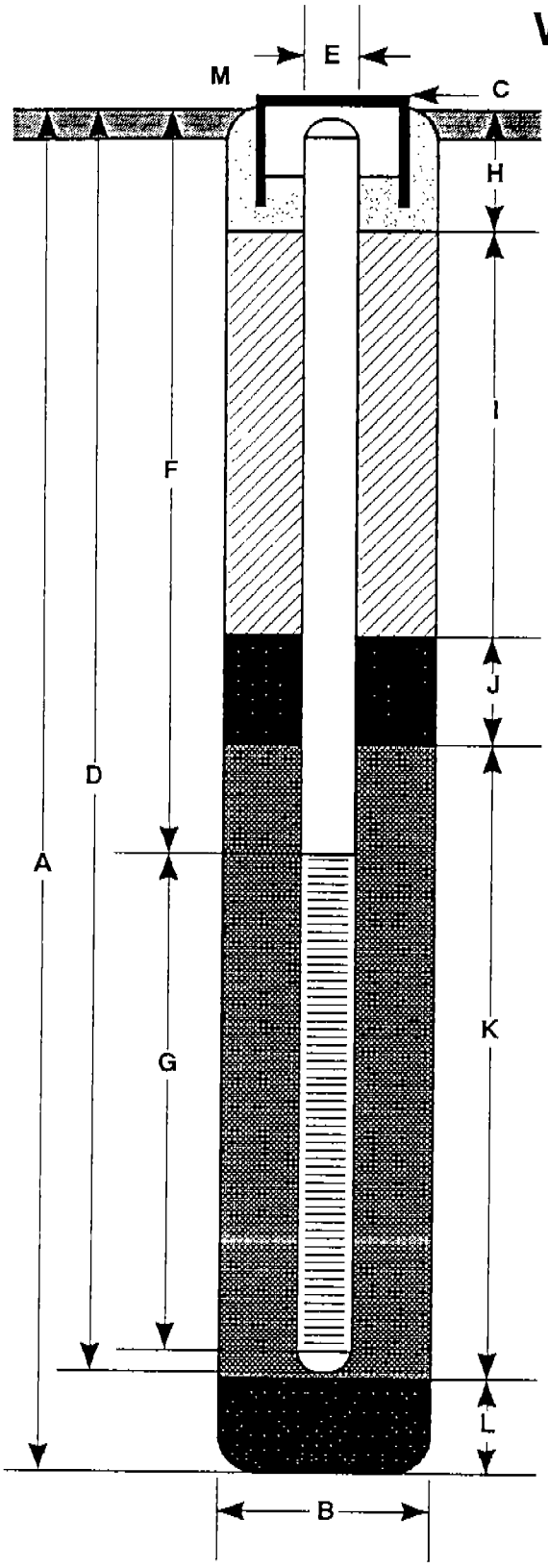
Log of Boring

BORING NO.

AV-4

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804		8/92		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring: 10.0 ft.

B Diameter of Boring: 10 in.
Drilling Method: Hollow Stem Auger

C Top of Box Elevation: ____ ft.
☐ Referenced to Mean Sea Level
☐ Referenced to Project Datum

D Casing Length: 10.0 ft.
Material: Schedule 40 PVC

E Casing Diameter: 4 in.

F Depth to Top Perforations: 5.0 ft.

G Perforated Length: 5 ft.
Perforated Interval from 5.0 to 10.0 ft.
Perforation Type: Continuous Wrap
Perforation Size: 0.060 in.

H Surface Seal from 0 to 1.0 ft.
Seal Material: Concrete

I Backfill from 1.0 to 4.0 ft.
Backfill Material: Neat Cement

J Seal from 4.0 to 4.5 ft.
Seal Material: Bentonite

K Gravel Pack from 4.5 to 10.0 ft.
Pack Material: Coarse Aquarium Sand

L Bottom Seal: ____ ft.
Seal Material: ____

M Waterproof vault box with waterproof locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. **AV-4**

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804				

Field location of boring:

(See Plate 2)

Project No.:	792804	Date: 8/6/92	Boring No: AV-5
Client:	ARCO Products Company SS#0414		
Location:	3000 Shattuck Avenue		
City:	Berkeley		Sheet 1 of 1
Logged by:	RCM	Driller: W. Hazmat	

Drilling method: Hollow Stem Auger

Hole diameter: 10-inches

Casing installation data:

Top of Box Elevation: Datum:

Water Level								
Time								
Date								

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 1.0 ft.
				2				CLAY (CH) - black (10YR 2/1); stiff; damp; high plasticity; 95% clay, 5% fine sand.
				3				
	400	S&H		4				
	450		AV-5					CLAY (CL) - light olive brown (2.5Y 5/4); stiff; damp; 90% clay, 10% fine to medium sand; minor greenish gray (5G 5/1) discoloration.
0	500		5.0	5				
				6				
				7				
				8				
		S&H		9				Color Change to yellowish brown (10YR 5/4); hard; moist at 8.5 ft.
			AV-5					
6	30		10.0	10				Bottom of Boring at 10.0 ft. 8/6/92
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Remarks: * Converted to equivalent standard penetration blows/ ft.

GeoStrategies Inc.

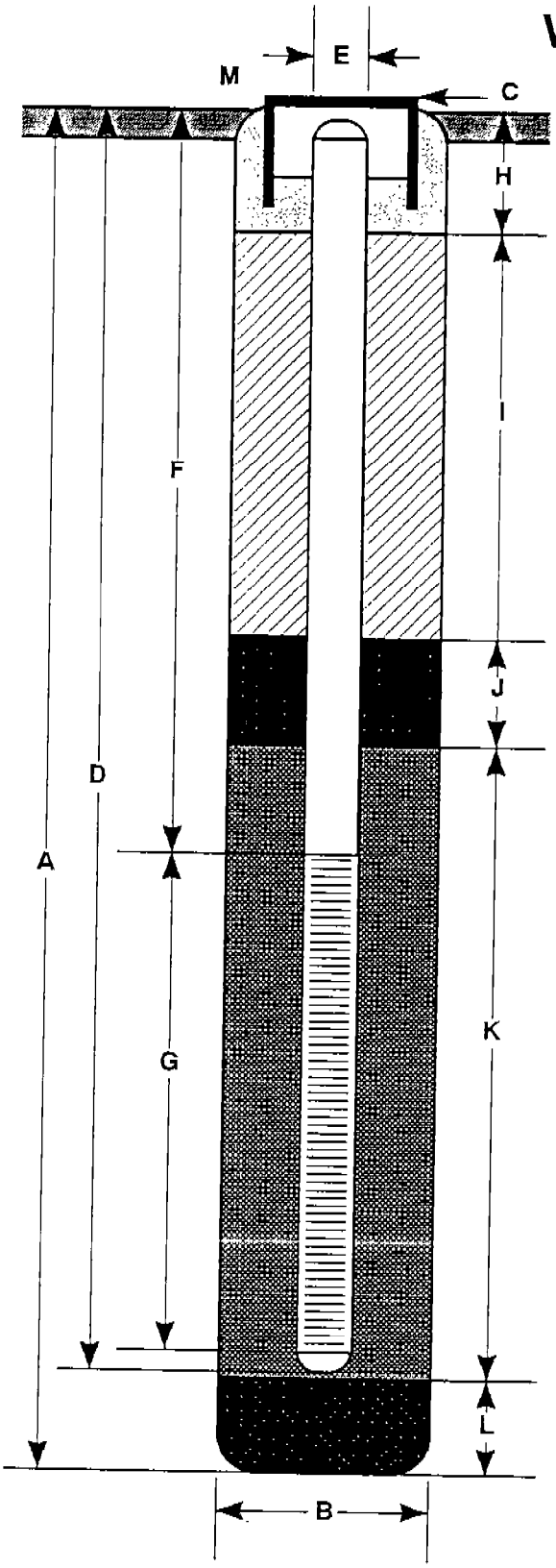
Log of Boring

BORING NO

AV-5

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804				

WELL CONSTRUCTION DETAIL



A Total Depth of Boring: 10.0 ft.

B Diameter of Boring: 10 in.
Drilling Method: Hollow Stem Auger

C Top of Box Elevation: _____ ft.
☐ Referenced to Mean Sea Level
☐ Referenced to Project Datum

D Casing Length: 10.0 ft.
Material: Schedule 40 PVC

E Casing Diameter: 4 in.

F Depth to Top Perforations: 5.0 ft.

G Perforated Length: 5.0 ft.
Perforated Interval from 5.0 to 10.0 ft.
Perforation Type: Machine Slotted
Perforation Size: 0.020 in.

H Surface Seal from 0 to 1.0 ft.
Seal Material: Concrete

I Backfill from 1.0 to 4.0 ft.
Backfill Material: Neat Cement

J Seal from 4.0 to 4.5 ft.
Seal Material: Bentonite

K Gravel Pack from 4.5 to 10.0 ft.
Pack Material: Lonestar #2/12 Graded Sand

L Bottom Seal: _____ ft.
Seal Material: _____

M Waterproof vault box with waterproof locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. AV-5

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804				

Field location of boring:

(See Plate 2)

Project No.:	792804	Date: 8/6/92	Boring No: AV-6
Client:	ARCO Products Company SS#0414		
Location:	3000 Shattuck Avenue		
City:	Berkeley		Sheet 1 of 1
Logged by:	RCM	Driller: W. Hazmat	

Drilling method: Hollow Stem Auger

Hole diameter: 10-inches

Casing installation data:

Top of Box Elevation: Datum:

Water Level				
Time				
Date				

PID (ppm)	Blows/ft.* or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				PAVEMENT SECTION - 0.5 FT.
				2				CLAY (CH) - black (10YR 2/1) stiff; damp; high plasticity; 95% clay, 5% fine sand.
				3				
	700	S&H		4				CLAY (CL) - light olive brown (2.5Y 5/6) stiff, damp; 90% clay, 5% gravel, 5% sand, minor greenish gray (5G 5/1) discoloration in rootlet.
	700	(Push)	AV-6					
38	700		5.0	5				
		cont.						
18				6				CLAYEY GRAVEL (GC) - olive (5Y 4/4), moist, 60% gravel (subrounded to angular, fine to medium); 40% clay, greenish gray (5G 5/1) discoloration. Decrease gravel to 50% at 6.5 ft. Increase gravel to 60%, sand to 20% at 7.5 ft.
525				7				
				8				
		S&H		9				CLAY (CL) - light olive brown (2.5Y 5/4); hard; moist; 90% clay, 10% sand; minor greenish gray (5GY 5/1) discoloration.
			AV-6					
22	32		10.0	10				
				11				Bottom of Boring at 10.0 ft. 8/6/92
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Remarks: * Converted to equivalent standard penetration blows/ft.

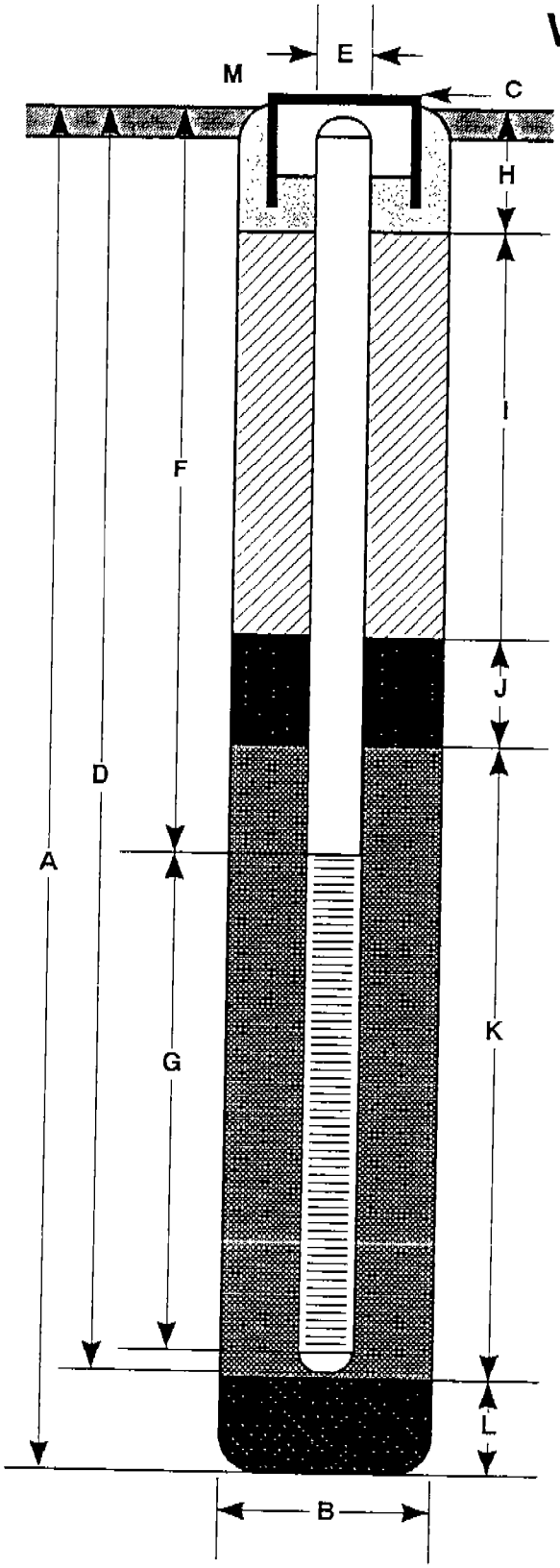
GeoStrategies Inc.

Log of Boring

BORING NO. AV-6

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
792804				

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 10.0 ft.

B Diameter of Boring 1.0 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation _____ ft.
☐ Referenced to Mean Sea Level
☐ Referenced to Project Datum

D Casing Length 10.0 ft.
Material Schedule 40 PVC

E Casing Diameter 4 in.

F Depth to Top Perforations 5.0 ft.

G Perforated Length 5.0 ft.
Perforated Interval from 5.0 to 10.0 ft.
Perforation Type Continuous Wrap
Perforation Size 0.060 in.

H Surface Seal from 0 to 1.0 ft.
Seal Material Concrete

I Backfill from 1.0 to 4.0 ft.
Backfill Material Neat Cement

J Seal from 4.0 to 4.5 ft.
Seal Material Bentonite

K Gravel Pack from 4.5 to 10.0 ft.
Pack Material Coarse Aquarium Sand

L Bottom Seal _____ ft.
Seal Material _____

M Waterproof vault box with waterproof locking cap and lock.

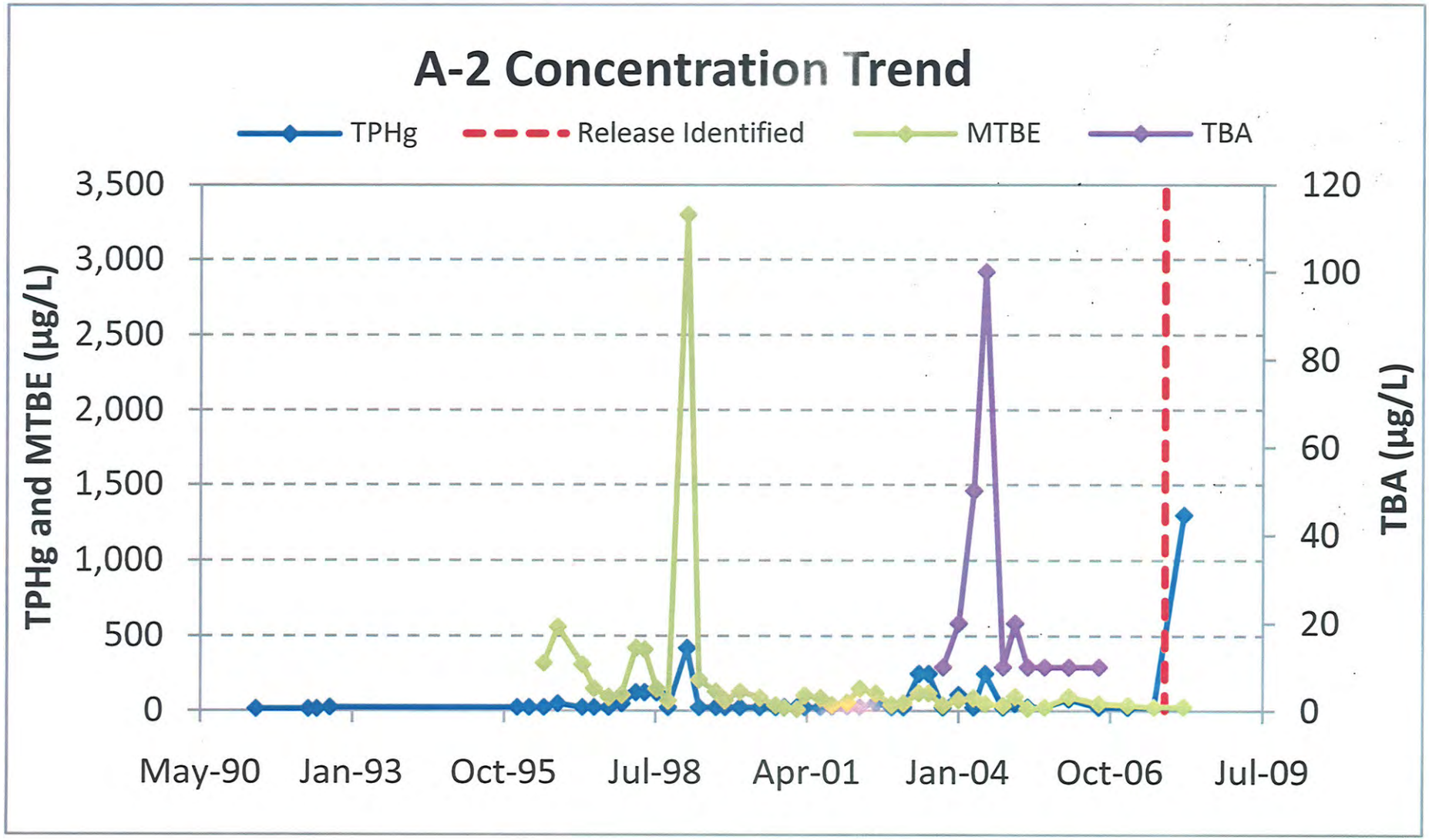
Note: Depths measured from initial ground surface.

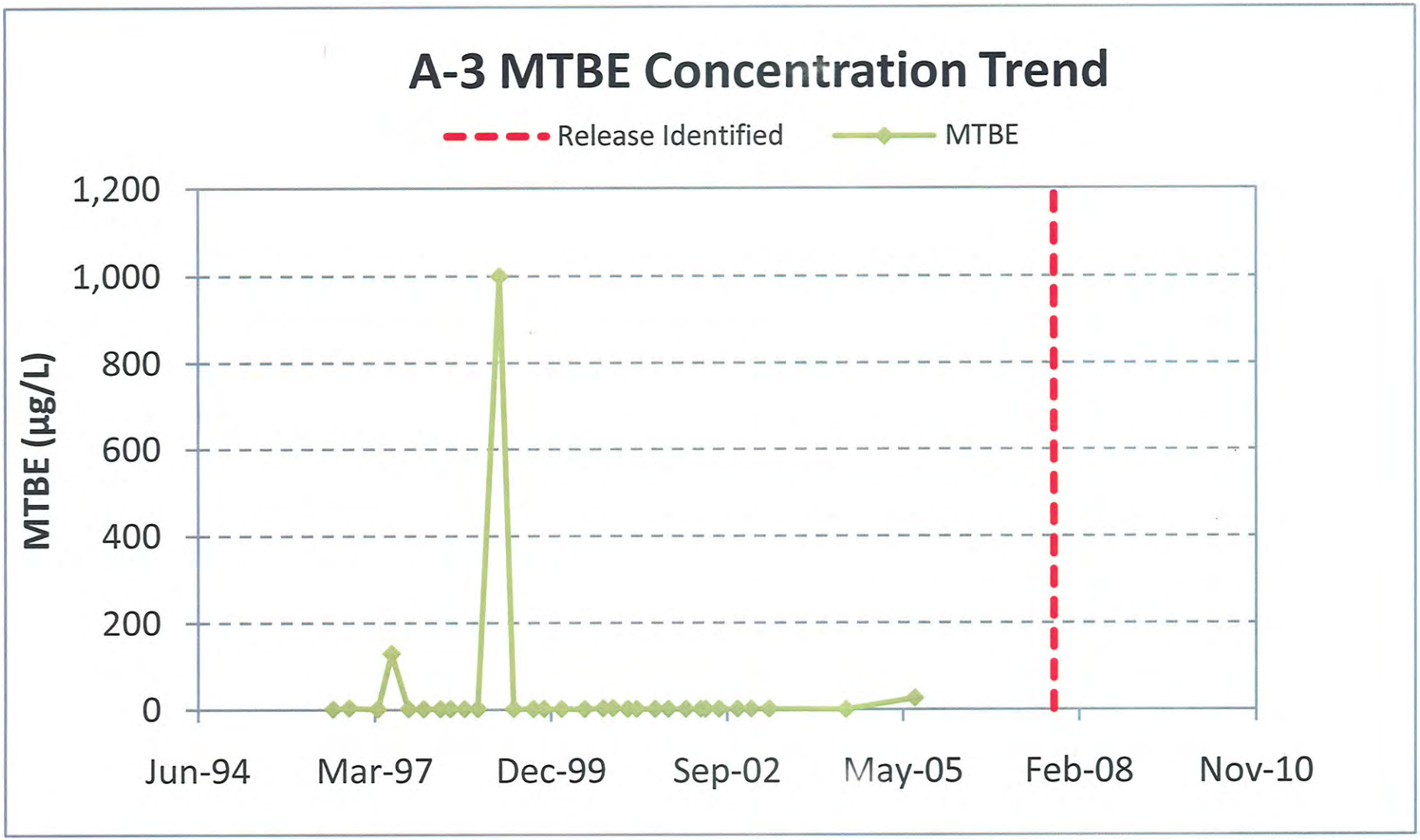
GeoStrategies Inc.

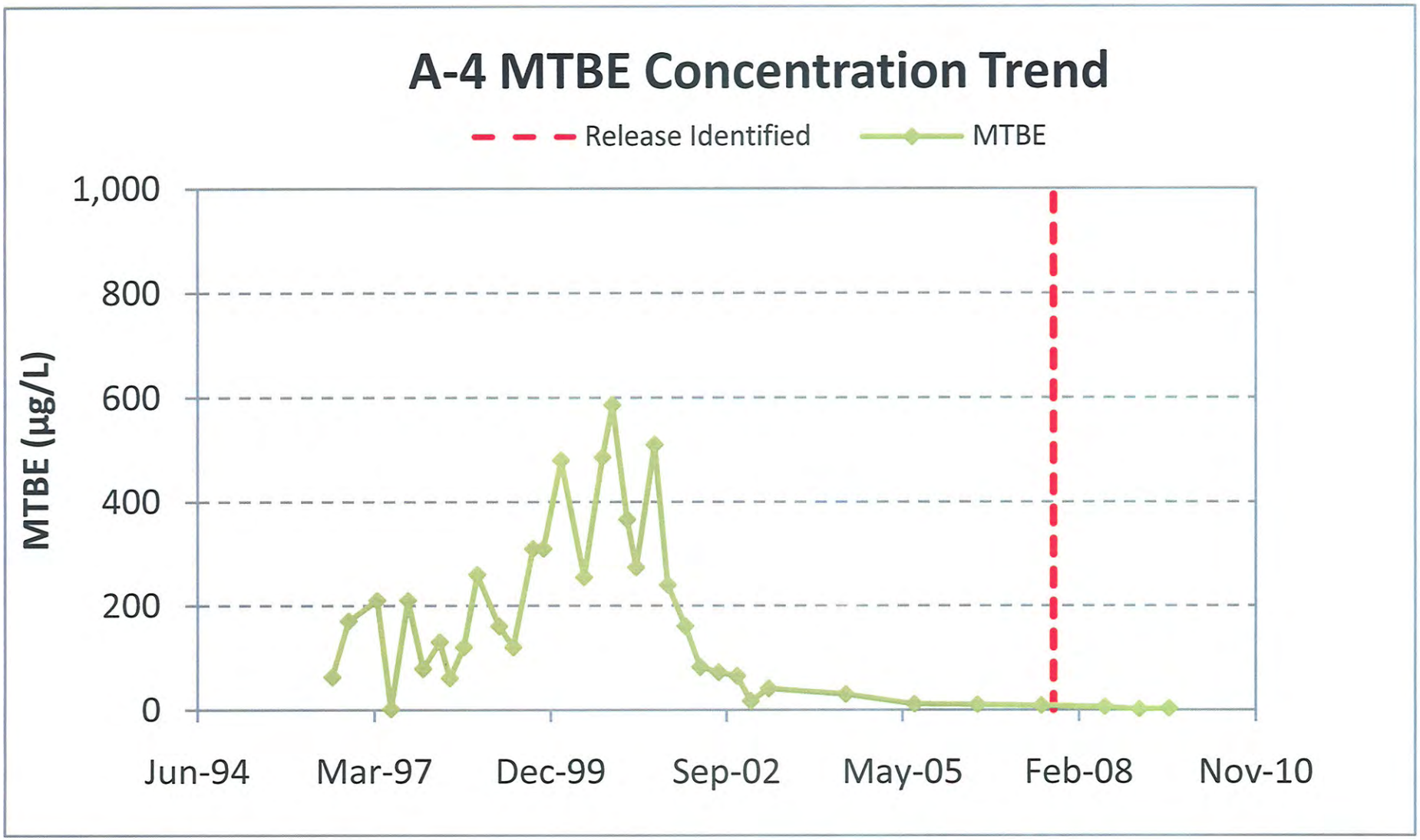
Well Construction Detail

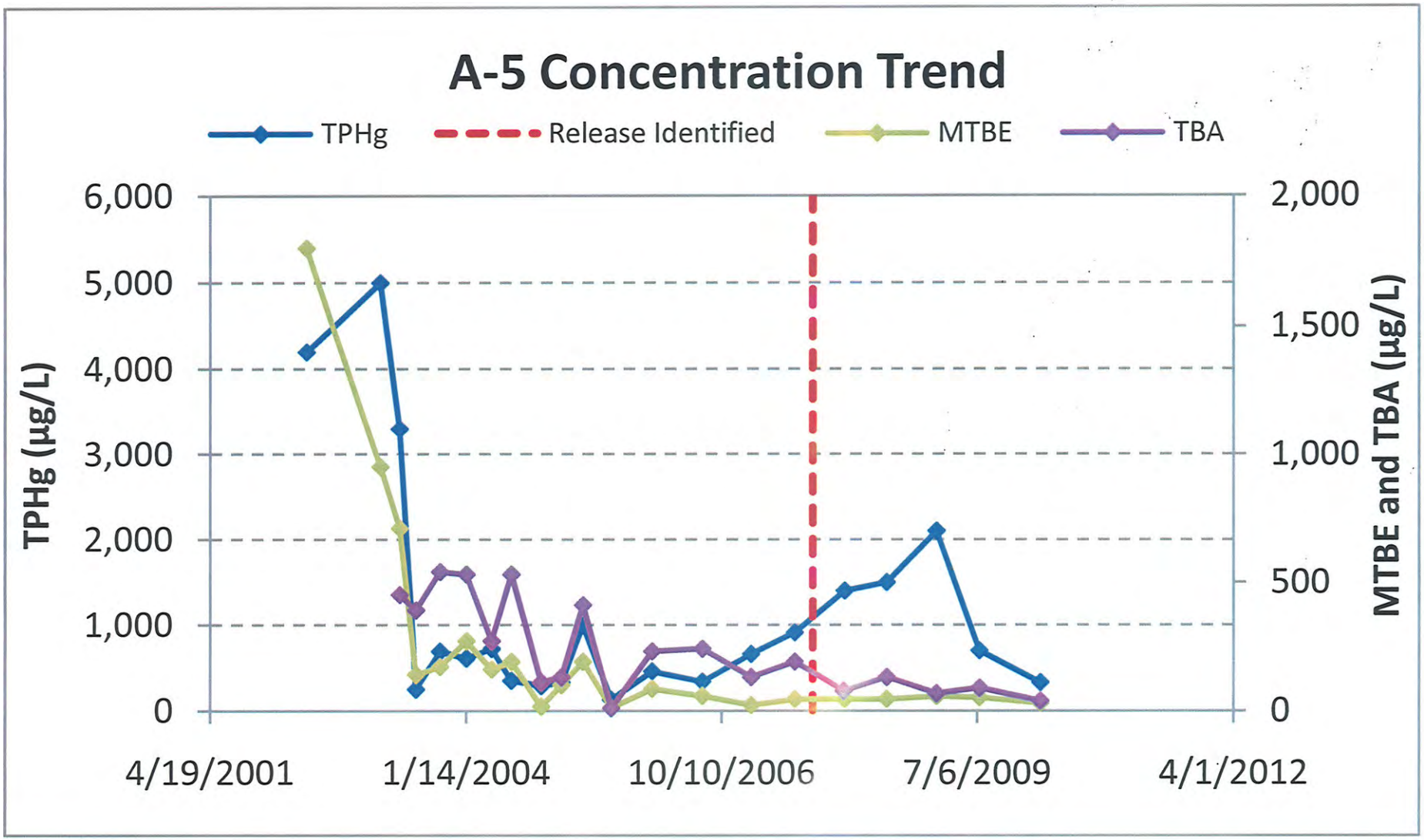
WELL NO.
AV-6

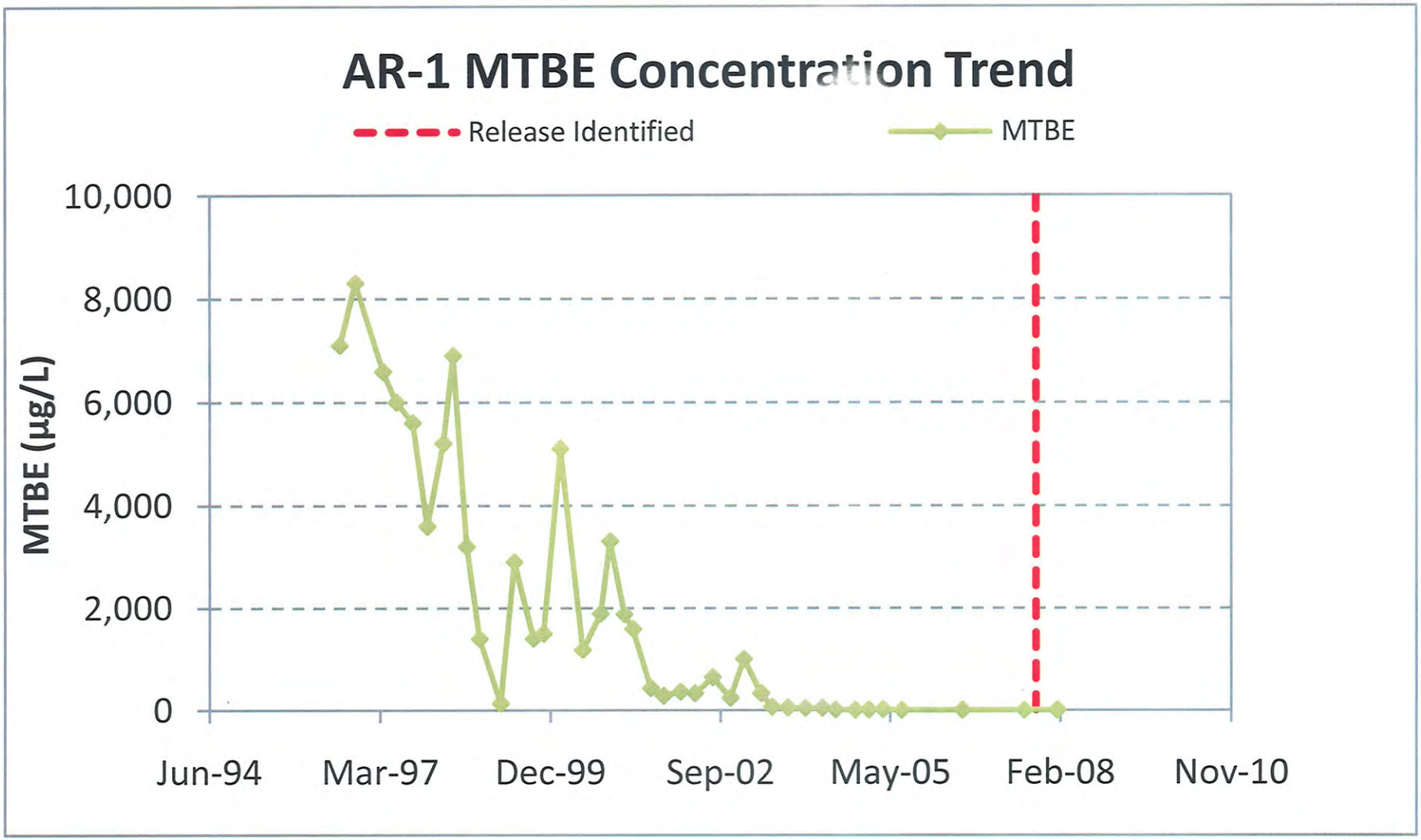
JOB NUMBER	REVIEWED BY/RG/CEG	DATE	REVISED DATE	REVISED DATE
792804				


A-2 Concentration Trend
TPHg
Release Identified
MTBE
TBA
TPHg and MTBE (µg/L)
TBA (µg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
120
100
80
60
40
20
0
May-90
Jan-93
Oct-95
Jul-98
Apr-01
Jan-04
Oct-06
Jul-09


A-3 MTBE Concentration Trend
Release Identified
MTBE
MTBE (µg/L)
1,200
1,000
800
600
400
200
0
Jun-94
Mar-97
Dec-99
Sep-02
May-05
Feb-08
Nov-10


A-4 MTBE Concentration Trend
Release Identified
MTBE
MTBE (µg/L)
1,000
800
600
400
200
0
Jun-94
Mar-97
Dec-99
Sep-02
May-05
Feb-08
Nov-10


A-5 Concentration Trend
TPHg
Release Identified
MTBE
TBA
6,000
5,000
4,000
3,000
2,000
1,000
0
TPHg (µg/L)
2,000
1,500
1,000
500
0
MTBE and TBA (µg/L)
4/19/2001
1/14/2004
10/10/2006
7/6/2009
4/1/2012


AR-1 MTBE Concentration Trend
Release Identified
MTBE
MTBE (µg/L)
10,000
8,000
6,000
4,000
2,000
0
Jun-94
Mar-97
Dec-99
Sep-02
May-05
Feb-08
Nov-10

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION **Date: June 4, 2010**

Agency Name: City of Berkeley, Toxics Division	Address: 3000 Shattuck Avenue
City/State/Zip: Berkeley, CA 94704	Phone: 510.981.7460
Responsible Staff Person: Geoff Fiedler	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Former British Petroleum Station #00414		
Site Facility Address: 3000 Shattuck Avenue Berkeley, California		
RB Case No.: 01-0102	Local Case No.: --	LOP Case No.: 27540
URF Filing Date: Not Found	Geotracker ID: T06001900094	APN: 53-1592-1

Responsible Parties	Addresses	Phone Numbers
Atlantic Richfield Company	P.O. Box 1257 San Ramon, CA 94583	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
		Oil/water separator clarifier	Removed	6/15/1992
	200	Waste oil	Removed	11/19/97
--	12,000	Gasoline UST	Removed	8/11/2000 – 8/24/2000
--	12,000	Gasoline UST	Removed	8/11/2000 – 8/24/2000
--	12,000	Gasoline UST	Removed	8/11/2000 – 8/24/2000
Piping			Removed	8/11/2000- 8/24/2000

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Waste oil leak and UST leak		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 4	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 11.28 feet below ground surface	Lowest Depth: 4.84 feet below ground surface	Flow Direction: west
Most Sensitive Current Use:		

Summary of Production Wells in Vicinity: No water supply wells in Berkeley, per conversation with Geoff Fiedler at City of Berkeley.	
Are drinking water wells affected? No	Aquifer Name:
Is surface water affected? No	Nearest SW Name:
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? City of Berkeley, Toxics Management

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	200 gallons 36, 000 gallons (3- 12,000 gallon tanks)	Erickson, Inc process facility in Richmond, CA San Bernardino County Solid Waste Management's Mid-Valley Landfill	11/19/1997 8/11/2000–8/24/2000
Piping	----	----	----
Free Product	400 gallons	DeMenno/Kerdoon facility in Compton, CA	8/11/2000-8/24/2000
Soil	20 cubic yards 1,416 tons	TPS Technologies, Inc recycling facility in Richmond, CA Forward Landfill in Manteca, CA	12/19/1997 8/11/2000-8/24/2000
Groundwater	500 gallons 1,200 gallons	IWM Inc recycling facility in Seaport Seaport Environmental facility in Redwood City, CA	1/8/1998 8/11/2000-8/24/2000

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 2 through 4 for additional information on contaminant locations and concentrations)

Contaminant	Soil (mg/kg)		Water (µg/L)	
	Before	After	Before	After
TPH (Gas)	8,410	NA	8,300 (9/4/1992)	360 (3/10/2010)
TPH (Diesel)	1,920	NA	--	--
Oil and Grease	363	NA	--	--
Benzene	3.44	NA	1,600 (4/15/1992)	0.75 (3/10/2010)
Toluene	136	NA	670 (9/4/1992)	<0.5 (3/10/2010)
Ethylbenzene	127	NA	270 (2/12/2003)	2.4 (3/10/2010)
Xylenes	531	NA	2,500 (9/4/1992)	<1 (3/10/2010)
Heavy Metals (Pb)	<7.5	NA	NA	NA
MTBE	19.8	NA	8,400 [a] (10/16/1996)	21 [b] (3/10/2010)
Other (8240/8270)	NA	NA	--	--

a 8,400 ppb MTBE; NA for EtOH, TAME, ETBE, DIPE, TBA, EDB and EDC

b 21 ppb MTBE, <100 ppb EtOH, 3.5 ppb TAME, <0.5 ppb ETBE, <0.5 ppb DIPE, 39 ppb TBA, <0.5 ppb EDB and NA for EDC

NA – Not Applicable

-- - Not Analyzed

Site History and Description of Corrective Actions:

The Case Closure Summary should be clear and concise. Consider submitting a stand-alone closure report if the summary attachments are substantial. Reference the closure report in the Closure Summary. Develop the rationale that no health or environmental pathway of concern exists. Provide summary documentation of the investigation of pathways of concern. Graphic representations of groundwater concentration trends are preferred to multiple pages of reference data. Rather, provide the reasons the details are not available or applicable.

1. INITIATION OF CORRECTIVE ACTION

1.1 BACKGROUND HISTORY

Provide a brief description of site, surrounding areas, and history of land use. Provide details of the release discovery and source areas using brief narrative descriptions and graphic representations. Site figures showing the historical layout and current layout are required. Present the number, size, construction, and contents of each tank historically located at the site, with the dates of installation and removal. Description of any corrective actions undertaken at the time of discovery, with reference to tank removal reports or other documents.

a. Dates of the tank removals;
b. Tank size, construction, and contents;
c. Condition of tanks upon removal, such as pitting or holes;
d. Evidence of release, such as soil discoloration or odors, product in the pit;
e. Soil and groundwater samples obtained during removal, their locations, depths and results
f. Number and location of piping run and dispenser island samples; and
g. Final disposition of tanks, piping, dispensers, tank rinsate, excavated soil, and groundwater pumped from the excavation

1.2 SITE CHARACTERIZATION ACTIVITIES

This section should include a brief summary of investigations performed toward defining the extent of impacts in soil and groundwater at the site. Each phase of work must be summarized chronologically, with reference to the appropriate investigation report currently in the GeoTracker database or TMD files. The summary should explain why the work was performed, impacted areas and plume boundaries delineated, remedial actions implemented, and summarized confirmation sampling and monitoring results. The summary should address any concerns affecting the validity of data, such as wells screened below the water table, samples analyzed past recommended hold times, etc. Cumulative data tables for all soil, groundwater samples, including grab samples, and soil vapor must be included. Site figures with sampling locations, excavation limits, boring locations, wells, treatment systems, etc.) should be included.

Appropriate summary documents should indicate the limits of soil or groundwater impacts. These conditions are typically represented with depth/concentration contouring, plume mapping, and cross-section depictions of the subsurface.

1.3 INVESTIGATION METHODS

This section should evaluate the investigative methods used, and the validity of the data generated during corrective action. This is an evaluation of the methodology, not an evaluation of the results. At a minimum the following methods and procedures should be reviewed for appropriateness.

a. Soil sampling methodology;
b. Groundwater monitoring well design, installation, development;
c. Method used to measure groundwater elevations and gradient determination;
d. Method used to measure free product thickness;
e. Groundwater sampling methodology; and
f. Certified laboratory soil and groundwater analyses, chain-of-custody procedures, sample preservation, holding times, sample preparation methods, and detection limits

2. EXTENT OF SOIL AND GROUNDWATER POLLUTION

This section should address whether site characterization is complete. The vertical and lateral extent of soil and groundwater contamination should be defined. Graphic presentations of this data should be included and supported. An assessment should be made as to whether the location and number of soil and groundwater samples are adequate to define vertical and lateral extent of impact.

Soil
Describe how lateral and vertical extent is bound and historical and current maximum concentrations.

Groundwater
Describe how lateral and vertical extent is bound and historic and current maximum concentrations.

Soil Vapor
Describe how lateral and vertical extent is bound and historical and current maximum concentrations.

Groundwater Occurrence
First encountered versus stabilized groundwater. Present all data used to evaluate groundwater flow conditions such as hydraulic conductivity, velocity, or particular aquifer/water-bearing unit characteristics such as confined unconfined, or semi confined conditions.

Hydraulic Gradient
General direction and comparison to regional groundwater gradient. Include a rose diagram to illustrate variations in flow direction.

3. BENEFICIAL USES

An evaluation should be made of all existing and potential impacts on beneficial uses of groundwater and surface water. The following information should be included.

a. An evaluation of existing beneficial uses, as contained in the San Francisco Bay, Region 2, Regional Water Quality Control Board (RWQCB) Basin Plan for the San Francisco Bay (2006), as well as all potential future beneficial uses. The RWQCB Basin Plan for currently defines the aquifers in Alameda County to be suitable for municipal supply, industrial supply and agricultural uses.

b. Well surveys (municipal, agricultural, domestic) to include discussions on the well survey search radius and methodology (i.e. which agencies were contacted, etc.).

c. Summary of factors affecting long-term fate of contaminants

4. REMEDIAL ACTIVITIES

Remedial activities performed at the site should be presented, including interim remedial actions, soil remedial methods including rationale for method selection, groundwater remedial methods with rationale for method selection, and the potential or actual impact of remedial actions relating to the beneficial use of groundwater, surface water, or vapor intrusion.

5. REMEDIATION EFFECTIVENESS

This section should provide the rationale for closure, consistent with SWRCB Resolution 68-16 "Statement of Policy with Respect to Maintaining High Quality of Waters in California". The adequacy of the corrective measures should supported by data including, groundwater verification monitoring, sampling protocols, and types, frequency, and duration of treatment activities. The potential or existing impacts or areas of residual contamination to beneficial uses should be documented.

Sites with residual soil contamination that are determined not to pose a significant risk to human health or the environment in its current use, shall be clearly identified in the summary documentation. Isoconcentration contouring on a scaled map and estimated volume impacted or residual should be noted. For example, 'An estimate of ____ cubic yards of soil impacted at concentrations below ____ mg/kg TPH-gasoline (TPH-diesel, TOG, etc.) remain in place at a depth of ____ feet, located in (at, beneath, etc.) the ____ area of the property (building, boundary, etc.) as shown on attached Figure ____.'

6. CONCLUSIONS

Conclusions should identify the case as “low risk” as described in the RWQCB “Supplemental Instructions to State Water Board December 18, 1995 Interim Guidance on Required Cleanup at Low-Risk Fuel Sites”. The criteria that must be under the low risk qualification are as follows.

1. The leak and ongoing sources, including free product, have been removed or remediated.
2. The site has been adequately characterized.
3. The dissolved hydrocarbon plume is not migrating (stable or decreasing).
4. No water wells, deeper drinking-water aquifers, surface water, or other sensitive receptors are likely to be impacted.
5. The site presents no significant risk to human health (see Table 1)

6. The site presents no significant risk to the environment (see Table 2).

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? The City of Berkeley does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release will present a risk to human health based upon current land use and conditions.		
Site Management Requirements: All cases in Berkeley with residual impacts to soil or groundwater are entered into the City of Berkeley land/parcel management database with a flag to indicate this condition. All building permits or zoning applications for this site will be subject to enhanced review for environmental or health concerns that may arise from future development. The TMD will review and comment on plans, typically requiring construction management plans for significant underground work involving grading, underground utility work and dewatering activities. The TMD's time to review, comment, inspect or otherwise be involved in the development of these plans will be charged at the established hourly rate ($150/hr in FY 2010).		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: N/A
Total Project Monitoring Wells: 5	Wells Decommissioned: 1	Wells Retained: 4 (will be destroyed upon approval of case closure)
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: N/A		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

Conclusion:

City of Berkeley, Toxics Management staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. Toxics Management staff recommend case closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by:	Title: Hazardous Materials Specialist
Signature:	Date:
Approved by: Nabil Al-Hadithy, Ph.D.	Title: Manager
Signature:	Date:

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cleet Carlton	**Title:** Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	**Date Submitted to RB:**
Signature:	**Date:**

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by Toxics Management:	**Date of Well Decommissioning Report:**	
All Monitoring Wells Decommissioned:	**Number Decommissioned:**	**Number Retained:**
Reason Wells Retained:		
Additional requirements for submittal of groundwater data from retained wells:		
Toxics Management Concurrence - Signature:		**Date:**

Attachments:
1. Site Vicinity Map (see Case Closure Summary Report)
2. Site Plan (see Case Closure Summary Report)
3. Soil Analytical Data (see Case Closure Summary Report)
4. Groundwater Analytical Data (see Case Closure Summary Report)
5. Boring Logs (see Case Closure Summary Report)
6. Cross Sections (see Case Closure Summary Report)

This document and the related CASE CLOSURE SUMMARY REPORT & REMEDIAL ACTION COMPLETION CERTIFICATE will be retained by the lead agency as part of the official site file.

ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco
California 94104
Tel 415 374 2744
Fax 415 374 2745
www.arcadis-us.com

ENVIRONMENT

Ms. Cheryl Prowell, PE
Water Resources Control Engineer
San Francisco Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject:
Summary of Site Characterization Activities and Results
3000 Shattuck Avenue, Berkeley, California
San Francisco Bay RWQCB Case # 01S0746

Date:
July 9, 2014

Contact:
Hollis Phillips

Phone:
415.432.6903

Email:
Hollis.Phillips@arcadis-us.com

Our ref:
GP09BPNA.C012

Dear Ms. Prowell:

On behalf of British Petroleum (BP), ARCADIS U.S., Inc. (ARCADIS) has prepared this letter to present results of additional investigation activities conducted at the U.S. Smog and Gas facility located at 3000 Shattuck Avenue Berkeley, California (Site) and summarize the current conditions of the Site.

Site Background

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former underground storage tanks (USTs). In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release case (T0600100094; City of Berkeley, 2013). However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP; City of Berkeley, 2012). Based on several lines of evidence, ARCADIS requested to be removed as a PRP (ARCADIS, 2013); however, the request was denied in July 2013 after oversight was transferred to the California Regional Water Quality Control Board (RWQCB, 2013). Following correspondence with the RWQCB, ARCADIS proceeded with investigation activities as requested in the December 2012 notice.

Investigation Activities and Results

In February and March 2014, ARCADIS conducted groundwater sampling to further characterize the nature and extent of site constituents associated with the new release. Historical data from monitoring well A-2 indicated that the carbon range distribution in the free product sample collected in 2008 most clearly resembled mineral oil; therefore, ARCADIS proposed collecting samples from monitoring wells A-2 (the impacted well) and AR-1 (the downgradient well) for analysis of petroleum hydrocarbons and mineral oil. A site plan is included as Figure 1.

On February 13 and March 10, 2014, Broadbent & Associates, Inc (BAI) mobilized to the Site for groundwater sampling activities. During the February sampling event groundwater was inadvertently only analyzed for total petroleum hydrocarbons as diesel (TPHd), including mineral and motor oil ranges (TPHmo), and TPH as gasoline (TPHg). Therefore the wells were re-sampled in March and analyzed for TPHd, mineral oil, TPHmo, TPHg, methyl-tertiary-butyl-ether (MTBE), jet fuel, and transmission oil (the same analytes as the 2008 samples). Benzene, toluene, ethylbenzene, and xylenes (BTEX) were not analyzed because they have not been detected historically in these wells.

Depth-to-water (DTW) and depth-to-product (DTP) measurements were first collected with an oil/water interface probe to assess the presence of free product. BAI staff indicated that measureable free product was not detected, and no sheen was observed at A-2 and AR-1 during sampling activities. Field data sheets are included as Attachment A.

Groundwater samples were collected using a peristaltic pump and low-flow methodology, and submitted under chain-of-custody documentation to TestAmerica, Inc. (TA) in February and Curtis and Tompkins Analytical Laboratories, Inc. (C&T) in March for analysis. TestAmerica does not analyze for hydraulic or transmission oil so the samples were analyzed by C&T during the March sampling event. The laboratory analytical reports for February and March 2014 are included as Attachment B.

During the March 2014 sampling event laboratory analytical results indicated the following:

- TPHd was detected in monitoring wells A-2 and AR-1 at concentrations of 410 micrograms per liter (µg/L) and 130 µg/L, respectively.
- TPHmo was detected in well A-2 at a concentration of 360 µg/L
- Mineral Oil was detected in well A-2 at a concentration of 410 µg/L.
- Hydraulic Oil was detected in monitoring wells A-2 and AR-1 at concentrations of 790 µg/L and 310 µg/L, respectively.
- Transmission Oil was detected in well A-2 at a concentration of 670 µg/L.
- TPHg and Jet A fuel were not detected above method reporting limits (RLs).

The February and March data were very similar and a summary, including the 2008 data, is presented in Table 1. No problems were encountered during analysis; however, results from several analyses noted that the chromatographic pattern observed in the samples did not resemble the standard solutions patterns.

Current Site Conditions and Relevant Receptors

Groundwater samples were collected to assess the current nature and extent of analytes in the vicinity of the hydraulic lifts (A-2) and downgradient along the Site boundary (AR-1). Data collected during the 2014 investigation indicate that detections of chemicals of interest (COIs) associated with the release are primarily limited to the vicinity of A-2. Concentrations of hydraulic oil and TPHd were detected in downgradient monitoring well AR-1 at low concentrations; however mineral oil, which was identified as the primary COI associated with the release, was not detected above RLs at AR-1. Detections of TPHd at AR-1 are on the same order of magnitude as concentrations detected in 2008 (100 µg/L), indicating that the plume is not increasing along the downgradient boundary and thus is not migrating off-site. In addition, concentrations of detected COIs at A-2 have all decreased by an order of magnitude since 2008, indicating there is not an ongoing source, and the area in the vicinity of the suspected source is attenuating. Overall, concentrations of COIs in source area well A-2 and downgradient well AR-1 indicate that the plume associated with the release is not migrating and is decreasing.

In addition to field activities, ARCADIS reviewed a sensitive receptor survey (SRS) previously prepared for the Site to evaluate potential exposure pathways associated with the current extent of COIs. The SRS indicates that no sensitive receptors are located within 2,000 feet downgradient of the Site (west), and the nearest surface water body (San Francisco Bay) is located approximately 8,500 feet west of the Site (ARCADIS, 2010). Based on the nature and extent of the COIs associated with the

release and the SRS, no complete exposure pathways are present and no sensitive receptors are likely to be impacted at the Site.

Conclusions

Review of current and historical data related to the release at the Site indicates that the nature and extent of COIs has been adequately characterized, and the associated plume is decreasing in size. The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities and the rationale presented herein, ARCADIS requests case closure and a NFA be granted. If you have any questions or comments, please contact Hollis Phillips by telephone at 415.432.6903 or by e-mail at Hollis.Phillips@arcadis-us.com

Sincerely,

ARCADIS U.S., Inc.

Hollis E. Phillips, PG (No. 6887)
Project Manager/ Principal Geologist

Attachments:

Table 1	Summary of Groundwater Monitoring Data
Figure 1	Site Plan
Attachment A	Field Data Sheets
Attachment B	Laboratory Analytical Reports

References:

ARCADIS U.S., Inc. (ARCADIS), 2010. Case Closure Summary Report, Former British Petroleum Station #00414, City of Berkeley Case #27540, 3000 Shattuck Avenue, Berkeley California. June 9.

ARCADIS, 2013. Unauthorized Release, 3000 Shattuck Avenue, Berkeley, California, Local Oversight Program Case No. 13-3000-SHA. February 15.

California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), 2013. Personal Communication. Electronic mail from Ms. Cheryl Prowell, RWQCB, to Ms. Hollis Phillips, ARCADIS, re: 3000 Shattuck Ave Berkeley case Nos. T1000004483 and T0600100094. July 11.

City of Berkeley, Planning and Development Department, Toxics Management Division (City of Berkeley), 2012. Unauthorized Release – Notice to Conduct an Investigation, 3000 Shattuck Avenue, Berkeley, California. December 12.

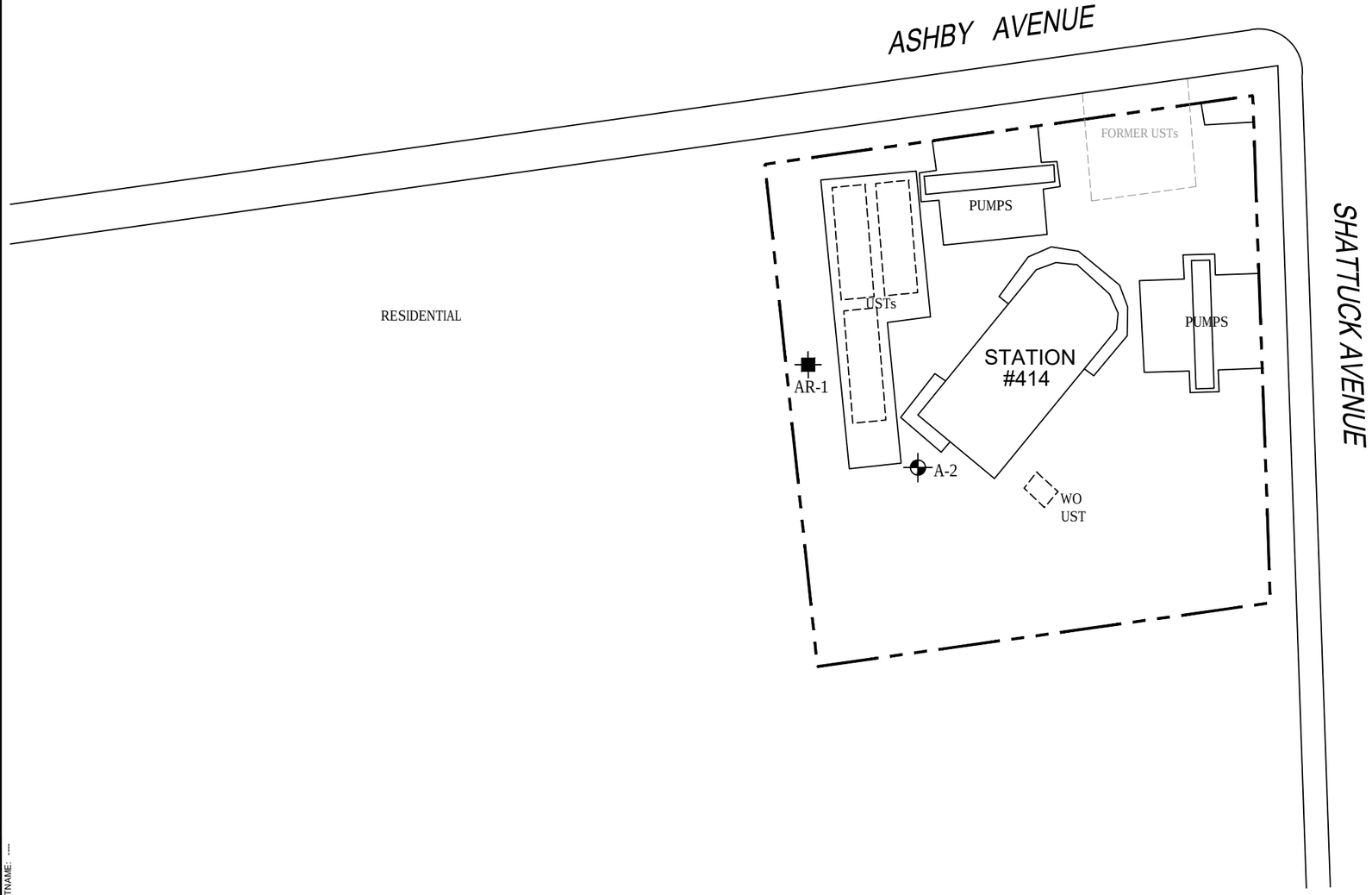
City of Berkeley 2013. Approval of Request for No Further Action, Arco #00414, Berkeley Case No 27540; RWQCB No. 01-0102, 3000 Shattuck Avenue, Berkeley, California 94702. February 14.

Copies:
GeoTracker

Table 1
Summary Of Groundwater Monitoring Data
3000 Shattuck Avenue, Berkeley, California

Well ID	Date	TPHg (µg/L)	MTBE (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Mineral Oil (µg/L)	Hydraulic Oil (µg/L)	Transmission Oil (µg/L)	Jet A (µg/L)
A-2	1/31/2008	1,300	28	1,900	<1,900	3,500	3,300	3,700	470
	2/13/2014	<50	--	270	330	350	--	--	--
	3/10/2014	<50	6.9	410 Y	360	410 Y	790 Y	670 Y	<50
AR-1	1/31/2008	<50	2.8	100	<470	--	--	--	--
	2/13/2014	<50	--	86	<100	--	--	--	--
	3/10/2014	<50	1.6	130 Y	<300	<300	310	<300	<50

Notes: TPHg - total petroleum hydrocarbons as gasoline range organics
TPHd - total petroleum hydrocarbons as diesel range organics
TPHmo - total petroleum hydrocarbons as motor oil range organics
Y - sample exhibits chromatographic pattern which does not resemble standard
µg/L - micrograms per liter



LEGEND

- MONITORING WELL
- RECOVERY WELL
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

BP FACILITY NO. 414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

S□T□□□A□

ARCADIS

FIGURE
□

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\GP09BPNAC012\Q0000\DWG\GP09BPNAC012-B01.dwg LAYOUT: 1 SAVED: 5/15/2014 6:51 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 5/15/2014 6:51 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---
GP09BPNAC012-X01

Attachment A

Field Data Sheets

BROADBENT

DAILY REPORT

Project: Arcadis 414 Project No.: 09-88-670

Field Representative(s): Alex Martinez Day: Thursday Date: 2/13/14

Time Onsite: From: 1030 To: 1200 ; From: _____ To: _____ ; From: _____ To: _____

x Signed HASP x Safety Glasses x Hard Hat x Steel Toe Boots x Safety Vest

x UST Emergency System Shut-off Switches Located x Proper Gloves

x Proper Level of Barricading ___ Other PPE (describe) _____

Weather: Partly Cloudy

Equipment In Use: Peristaltic pump, US2 meter, interface probe

Visitors: None

TIME:	WORK DESCRIPTION:
1030	Arrive onsite. Informed station operator of activities to be performed.
1040	Set up for sampling @ A-2
1120	Set up @ AR-1
1200	Completed fieldwork & offsite.

Signature: Alex Martinez

BROADBENT

GROUNDWATER MONITORING SITE SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM Elevation: _____

Formation recharge rate is historically: High Low *(circle one)*

W. L. Indicator ID #: _____ Oil/Water Interface ID #: _____ *(List #s of all equip used.)*

WELL ID RECORD					WELL GAUGING RECORD					NOTES
Well ID	Well Sampling Order	As-Built Well Diameter (inches)	As-Built Well Screen Interval (ft)	Previous Depth to Water (ft)	Time (24:00)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)*	Depth to Water (ft)	Well Total Depth (ft)	
A-2					1048	-	-	7.07	29.20	
AR-1					1125	-	-	7.03	31.60	

* Device used to measure LNAPL thickness: Bailer Oil/Water Interface Meter *(circle one)*

If bailer used, note bailer dimensions (inches): Entry Diameter _____ Chamber Diameter _____

Signature: _____

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: A-2 Start Time: - End Time: - Total Time (minutes): -

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

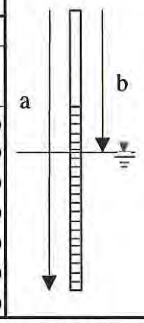
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 29.20 (ft)
Initial Depth to Water (b): 7.07 (ft)
Pump In-take Depth = b + (a-b)/2: 18.13 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.76 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or (L)	Temperature °C	pH	Conductivity µS or (mS)	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1056	0.0	18.87	7.64	0.741	3.71	152	0.0	
1058	0.5	19.35	7.09	0.735	2.31	168	0.0	
1100	1.0	19.53	6.87	0.732	2.02	179	0.0	
1102	1.5	19.64	6.76	0.731	1.93	186	0.0	
1104	2.0	19.73	6.69	0.730	1.86	193	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.97 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: A-2 Sample Collection Time: 1105 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: AR-1 Start Time: — End Time: — Total Time (minutes): —

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

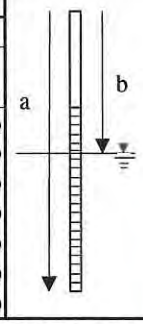
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 31.60 (ft)
Initial Depth to Water (b): 7.03 (ft)
Pump In-take Depth = b + (a-b)/2: 19.51 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.94 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or L	Temperature °C	pH	Conductivity µS or mS	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1132	0.0	21.13	6.41	0.498	3.52	29	82.4	
1134	0.5	20.77	6.60	0.506	1.51	-136	8.1	
1136	1.0	20.61	6.73	0.505	1.33	-162	0.0	
1138	1.5	20.52	6.78	0.508	1.27	-171	0.0	
1140	2.0	20.50	6.84	0.509	1.22	-179	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.35 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: AR-1 Sample Collection Time: 1145 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	_____ of _____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) _____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	AQ	2								On Hold

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	[illegible]	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Attachment B

Laboratory Analytical Reports

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 254253
ANALYTICAL REPORT

Arcadis	Project : ARCADIS 414
2000 Powell St.	
Emeryville, CA 94608	Level : II

Sample ID	Lab ID
A-2	254253-001
AR-1	254253-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 03/18/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**254253**
Client:	**Arcadis**
Project:	**ARCADIS 414**
Request Date:	**03/10/14**
Samples Received:	**03/10/14**

This data package contains sample and QC results for two water samples, requested for the above referenced project on 03/10/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

CHAIN OF CUSTODY

Chain of Custody # : _____

C&T LOGIN # 254353

Project No:

Project Name: Arcadis 414

EDD Format: _____ **Rpt Level:** II III IV

Turnaround Time: ☐ RUSH _____ ☑ Standard

Sampler: Alex Martinez

Report To: Kristene Tidwell

Company : Broadbent & Associates, Inc

Telephone: 707-455-7290

Email: ktidwell@broadbentinc.com

Lab No.	Sample ID.	Sampling		Matrix				# of Containers	Chemical Preservative					Analytical Request														
		Date	Time	Water	Soil				HCl	H_2SO_4	HNO_3	NaOH	None	TPHg	TPHd	MTBE	Mineral Oil	Transmission Oil	Hydraulic Oil	Jet-A								
1	A-2	3/10/2014	1225	x				5	3				2	x	x	x	x	x	x	x								
2	AR-1	3/10/2014	1255	x				5	3				2	x	x	x	x	x	x	x								

Notes:

This sampling event was conducted for Arcadis U.S., Inc.
Please send results to Hollis Phillips of Arcadis.

SAMPLE RECEIPT
☐ Intact ☐ Cold
☑ On Ice ☐ Ambient

RELINQUISHED BY:

3/10/14 1335 _____ DATE/TIME

DATE/TIME

DATE/TIME

RECEIVED BY:

Pat Dempsey 3/10/14 1335 DATE/TIME

DATE/TIME

DATE/TIME

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 254253 Date Received 3/10/14 Number of coolers 1
Client BROADBENT Project ARCADIS 414

Date Opened 3/10/14 By (print) IR (sign) Ina Raikai
Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
   Shipping info _____
2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe) _____

☒ Bubble Wrap ☐ Foam blocks ☐ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) _____

☒ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
   If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are there any missing / extra samples? _____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
12. Are sample labels present, in good condition and complete? _____ (YES) NO
13. Do the sample labels agree with custody papers? _____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
15. Are the samples appropriately preserved? _____ YES NO (N/A)
16. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)
17. Did you document your preservative check? _____ YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? _____ (YES) NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES (NO)
   If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____

_____

_____

_____

_____

_____

Rev 10; 11/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208851		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	77-128

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	127	77-128

Type: BLANK Lab ID: QC731206

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	77-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC731205	Batch#:	208851
Matrix:	Water	Analyzed:	03/11/14
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	932.8	93	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	77-128

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Prepared:	03/12/14
Batch#:	208898	Analyzed:	03/13/14

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	410 Y	50
Motor Oil C24-C36	360	300
Hydraulic Fluid, C12-40	790 Y	300
Transmission Fluid: C10-C40	670 Y	300
Mineral Oil C12-C40	410 Y	300

Surrogate	%REC	Limits
o-Terphenyl	93	66-129

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	130 Y	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	310	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	92	66-129

Type: BLANK Lab ID: QC731404

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	ND	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	101	66-129

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208898
Units:	ug/L	Prepared:	03/12/14
Diln Fac:	1.000	Analyzed:	03/13/14

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC731405

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,631	65	61-120

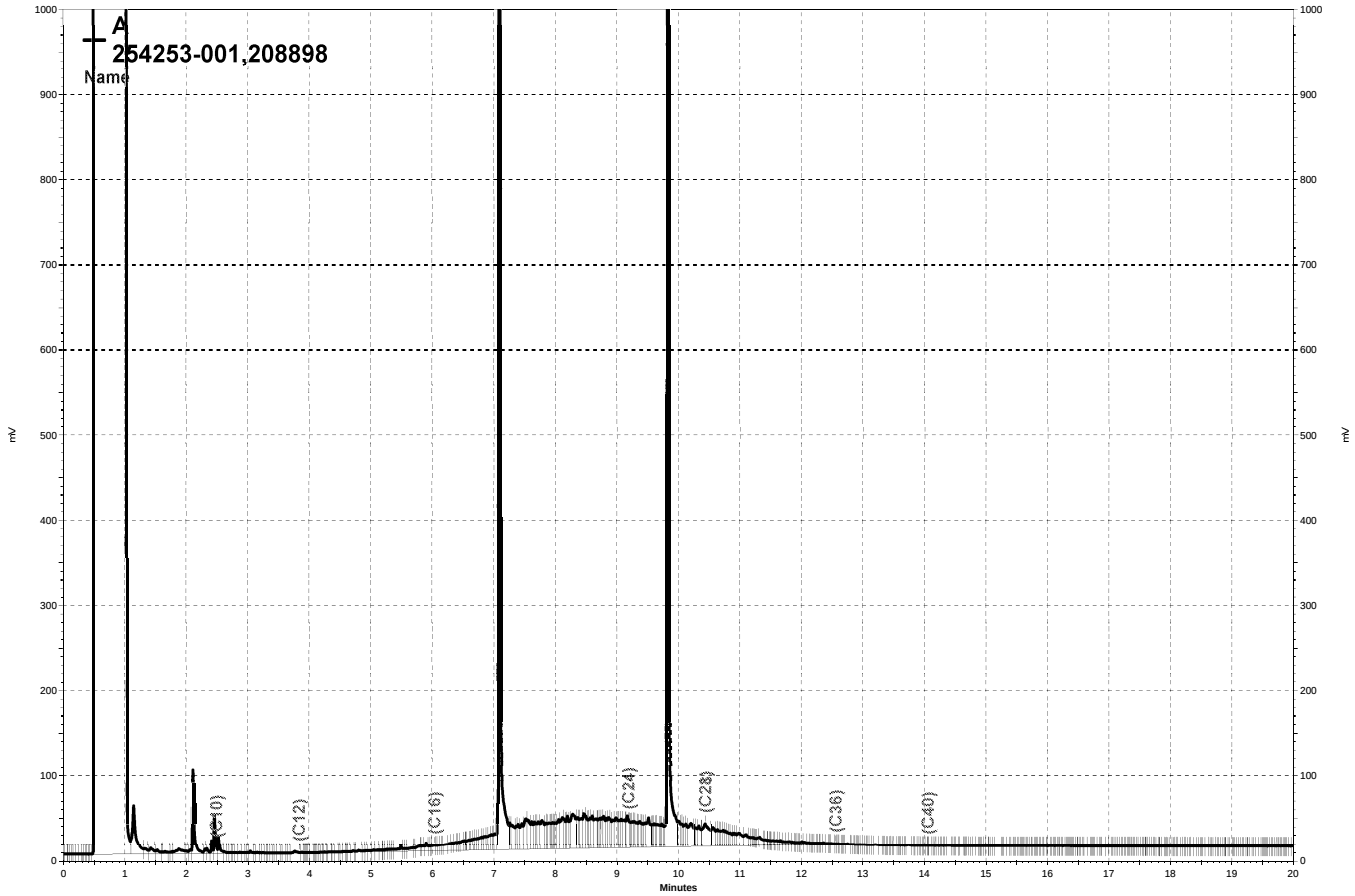
Surrogate	%REC	Limits
o-Terphenyl	98	66-129

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC731406

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	1,695	68	61-120	4	45

Surrogate	%REC	Limits
o-Terphenyl	100	66-129

RPD= Relative Percent Difference



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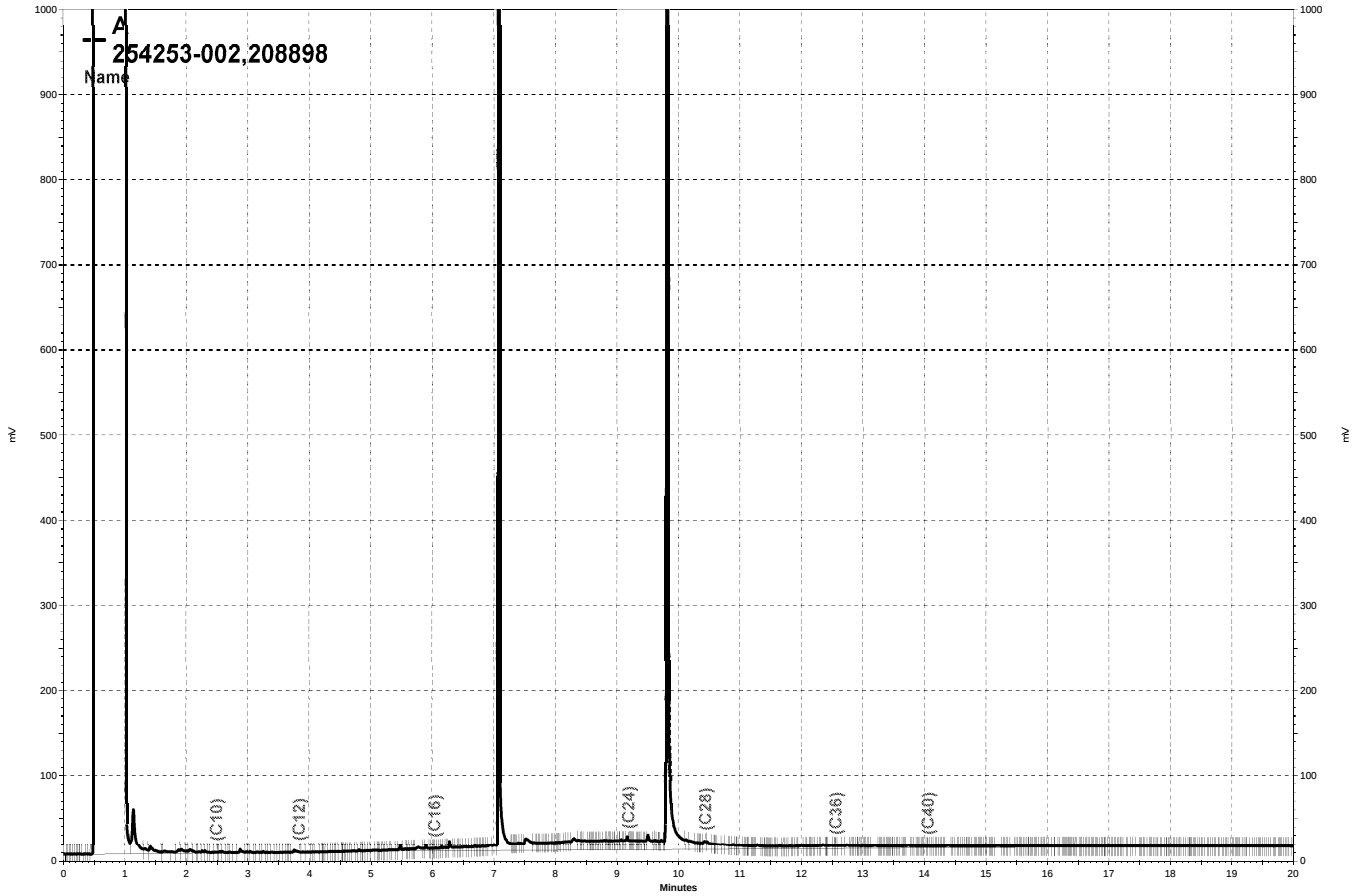

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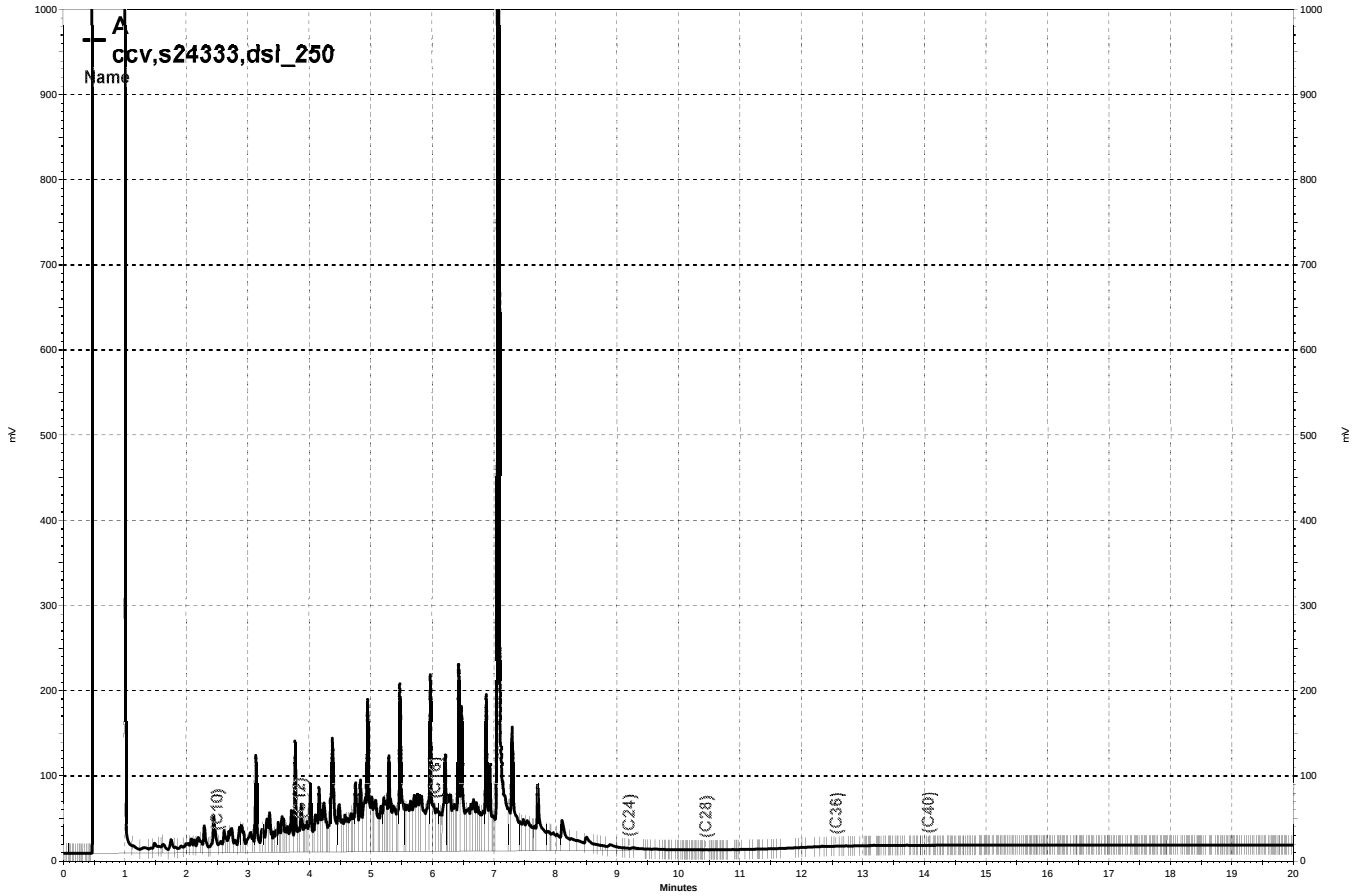

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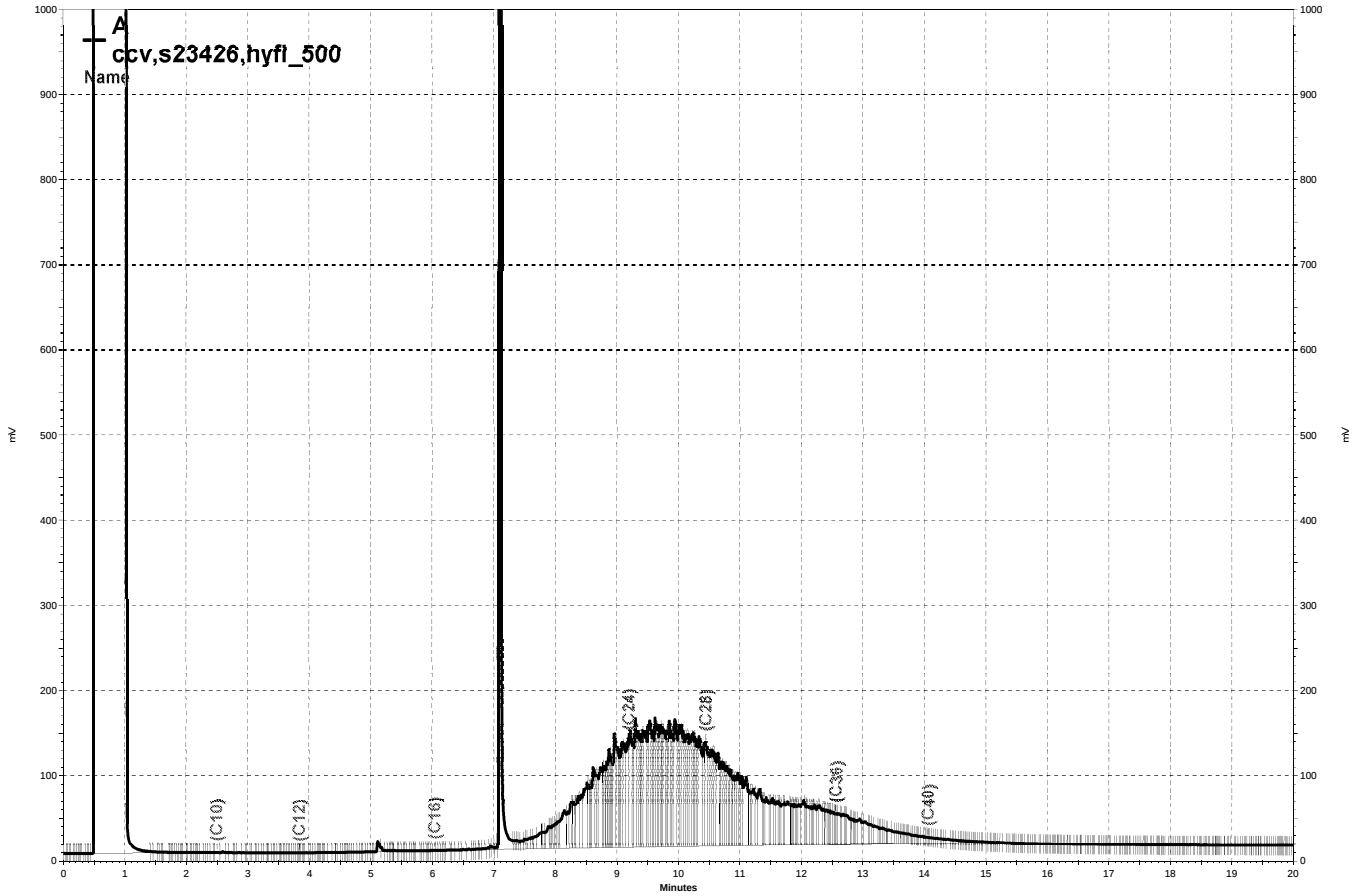

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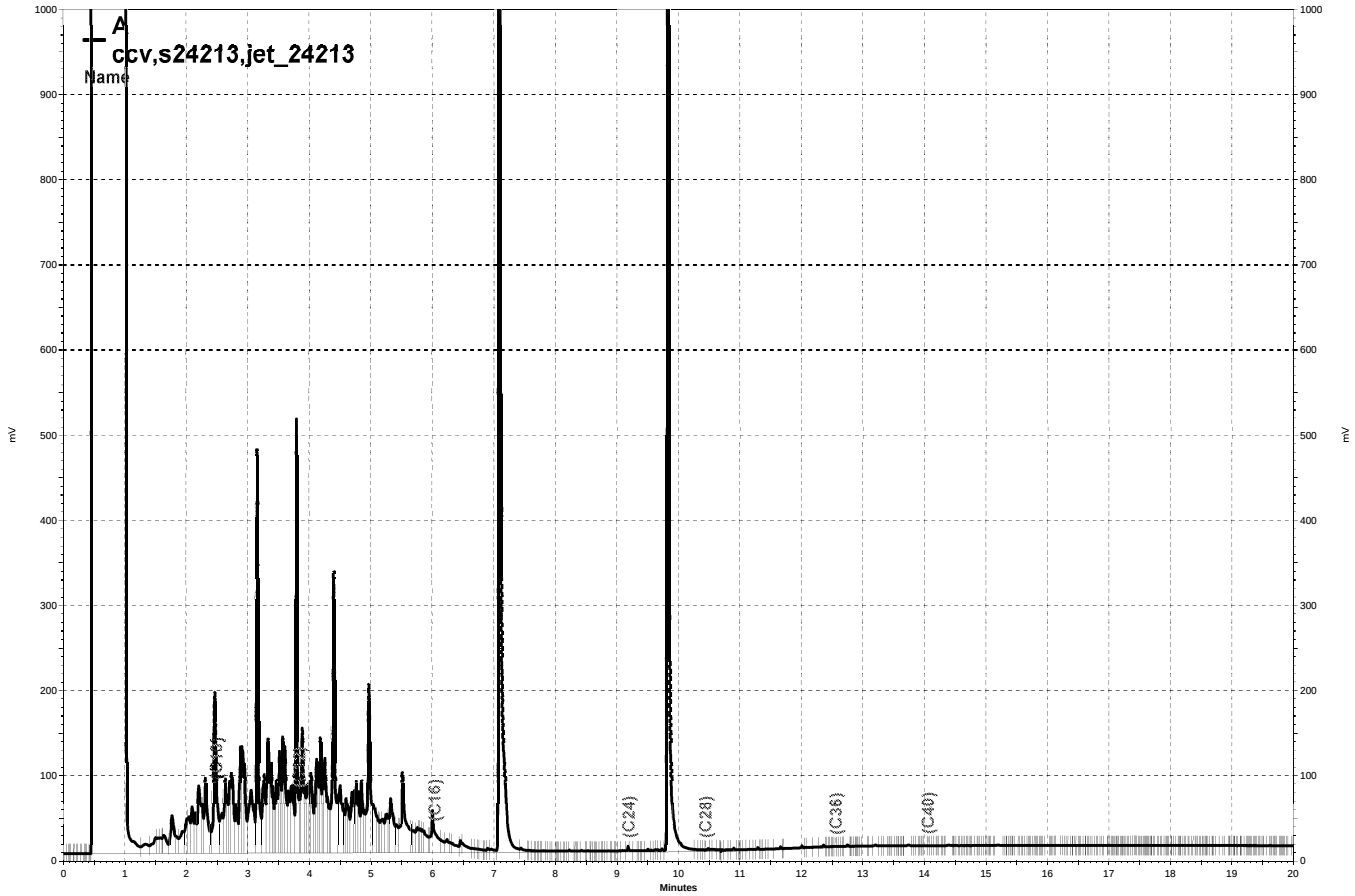

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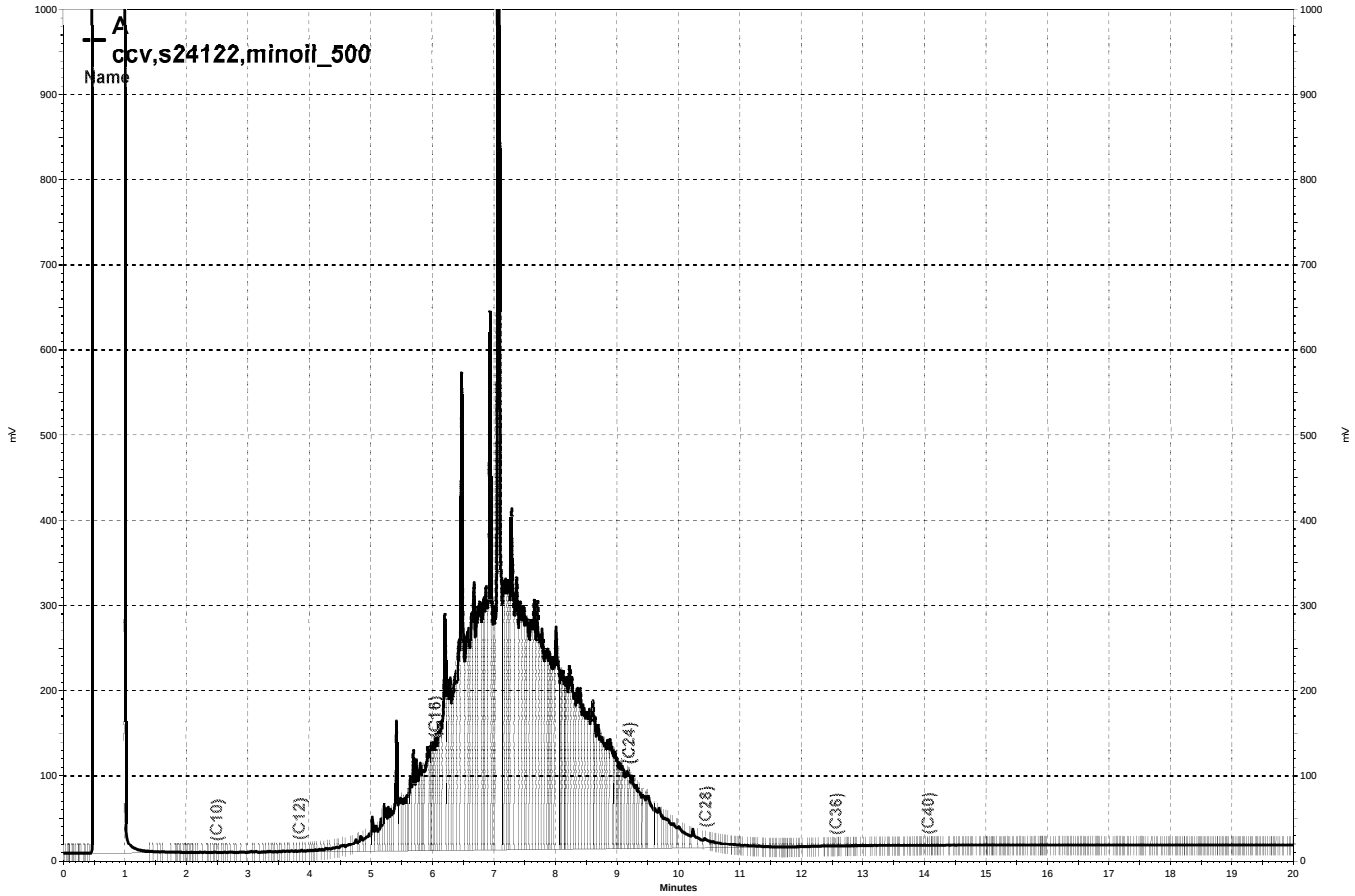

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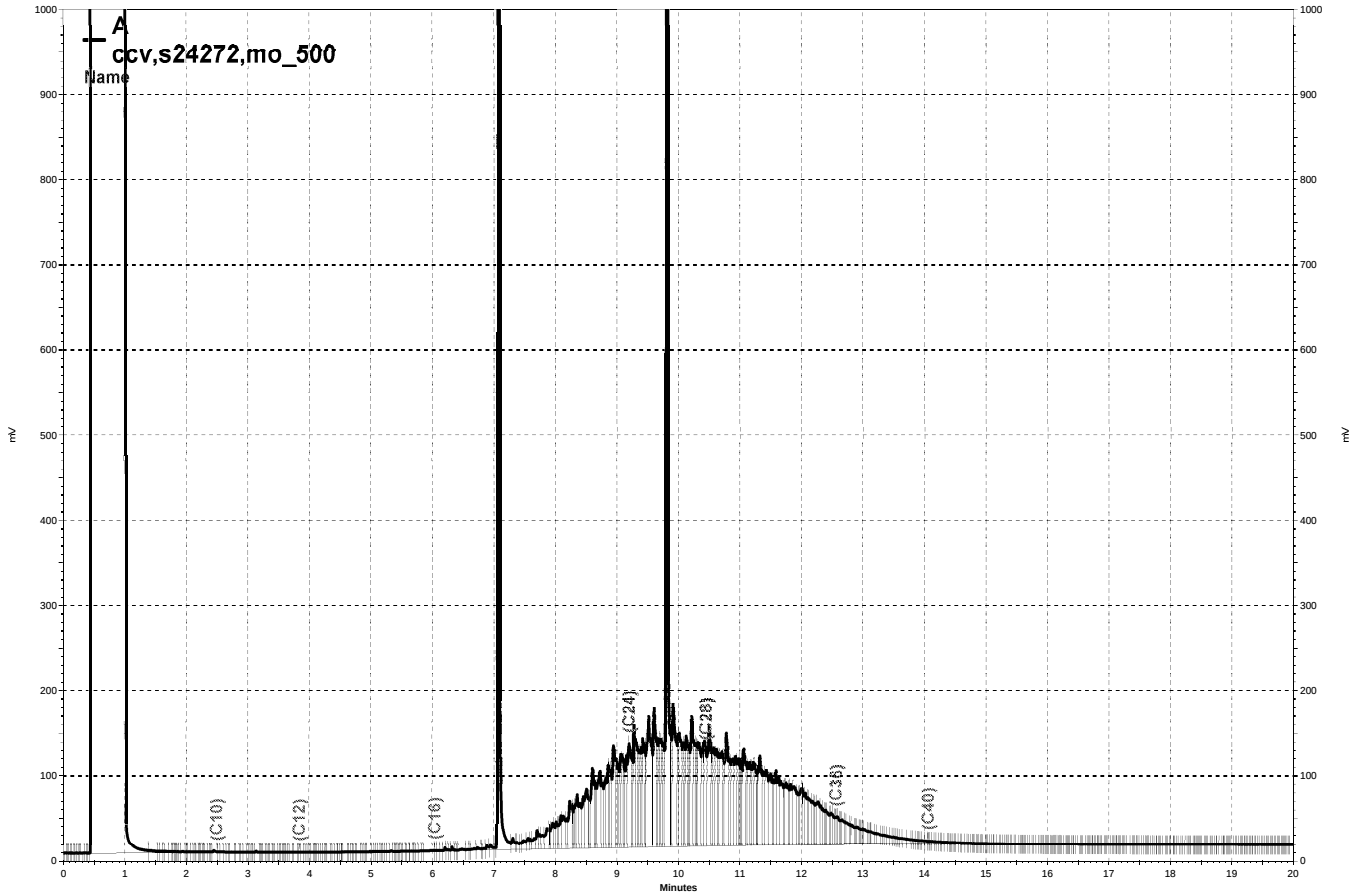

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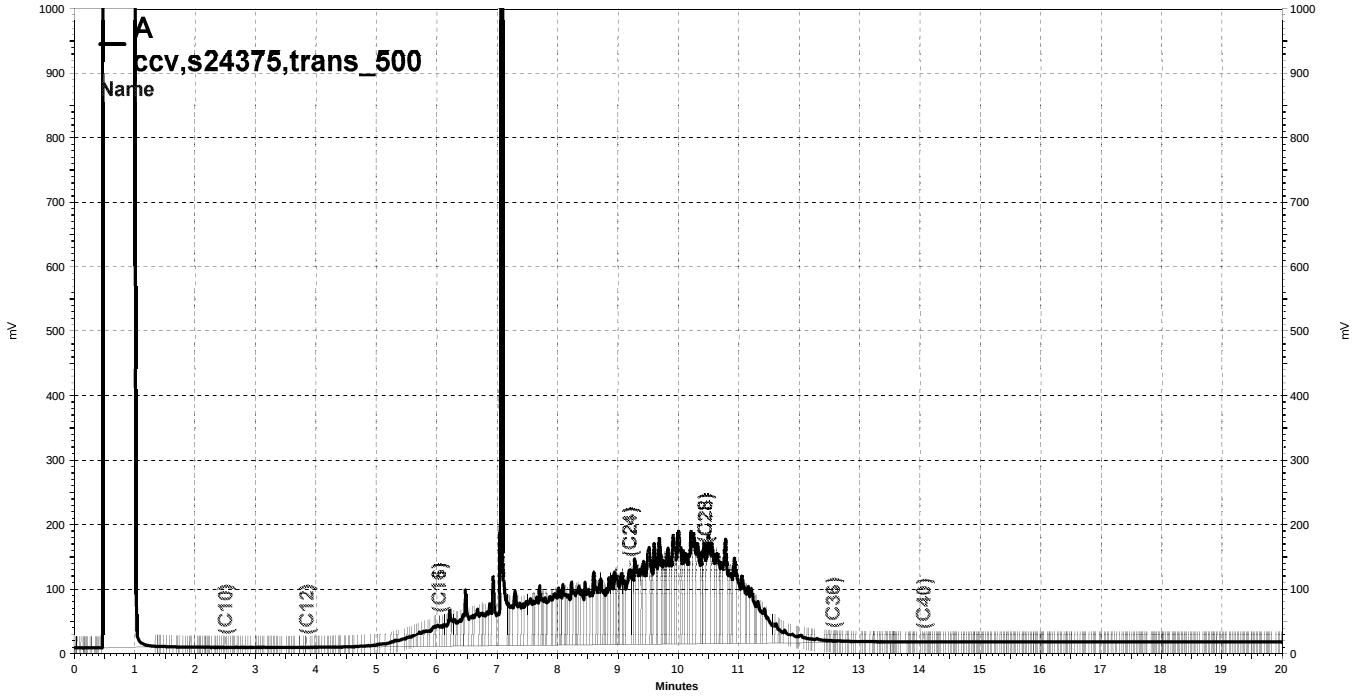

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Curtis & Tompkins, Ltd.

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208824		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
MTBE	6.9	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
MTBE	1.6	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	77-136

Type: BLANK Lab ID: QC731100

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	77-136

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208824
Units:	ug/L	Analyzed:	03/11/14
Diln Fac:	1.000		

Type: BS Lab ID: QC731098

Analyte	Spiked	Result	%REC	Limits
MTBE	12.50	11.44	92	64-121

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Type: BSD Lab ID: QC731099

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	12.50	11.93	95	64-121	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	77-136

RPD= Relative Percent Difference

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

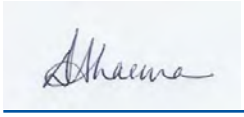
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-55527-1
Client Project/Site: BP #414, Berkeley

For:
ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco, California 94104

Attn: Hollis Phillips



Authorized for release by:
2/19/2014 4:37:44 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
QC Sample Results 8
QC Association Summary 10
Lab Chronicle 11
Certification Summary 12
Method Summary 13
Sample Summary 14
Chain of Custody 15
Receipt Checklists 16

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55527-1

Comments
No additional comments.

Receipt
The samples were received on 2/13/2014 12:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2 — Lab Sample ID: 720-55527-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	270		53		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	330		110		ug/L	1		8015B	Total/NA
Mineral oil	350		110		ug/L	1		8015B	Total/NA

Client Sample ID: AR-1 — Lab Sample ID: 720-55527-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	86		51		ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2
Date Collected: 02/13/14 11:05
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 06:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*72 - 130*		*02/15/14 06:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 06:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**270**		53		ug/L		02/18/14 09:41	02/18/14 18:15	1
Motor Oil Range Organics [C24-C36]	**330**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1
Mineral oil	**350**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*72*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:15*	*1*

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: AR-1
Date Collected: 02/13/14 11:45
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 07:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*		*02/15/14 07:24*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 07:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**86**		51		ug/L		02/18/14 09:41	02/18/14 18:39	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/18/14 09:41	02/18/14 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*70*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:39*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-153588/4
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/14/14 20:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*02/14/14 20:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*72 - 130*		*02/14/14 20:53*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/14/14 20:53*	*1*

Lab Sample ID: LCS 720-153588/7
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C12			500	445		ug/L		89	58 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*77*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-153588/8
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C12			500	455		ug/L		91	58 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*76*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-153744/1-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 153744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/18/14 09:41	02/18/14 20:16	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1
Mineral oil	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*81*		*23 - 156*	*02/18/14 09:41*	*02/18/14 20:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-153744/2-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*77*		*23 - 156*

Lab Sample ID: LCSD 720-153744/3-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*82*		*23 - 156*

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

GC/MS VOA

Analysis Batch: 153588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55527-2	AR-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153588/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153588/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-153588/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Analysis Batch: 153726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8015B	153744
720-55527-2	AR-1	Total/NA	Water	8015B	153744
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	8015B	153744
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	153744
MB 720-153744/1-A	Method Blank	Total/NA	Water	8015B	153744

Prep Batch: 153744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	3510C	
720-55527-2	AR-1	Total/NA	Water	3510C	
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-153744/1-A	Method Blank	Total/NA	Water	3510C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2

Lab Sample ID: 720-55527-1

Date Collected: 02/13/14 11:05

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 06:55	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:15	JL	TAL PLS

Client Sample ID: AR-1

Lab Sample ID: 720-55527-2

Date Collected: 02/13/14 11:45

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 07:24	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:39	JL	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-55527-1	A-2	Water	02/13/14 11:05	02/13/14 12:45
720-55527-2	AR-1	Water	02/13/14 11:45	02/13/14 12:45

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-55527

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

151846

TestAmerica Laboratories, Inc.

2/19/2014

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	____ of ____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) ____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	Aq	2								On Hold

720-55527 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* *Archive For* ____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	Kristene M	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 720-55527-1

Login Number: 55527

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Planning and Development Department
Toxics Management Division
February 14, 2013

British Petroleum
c/o Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

Subject: Approval of Request for No Further Action
Arco # 00414, Berkeley Case No 27540;
RWQCB No. 01-0102 3000 Shattuck Avenue, Berkeley, California 94702

Dear Ms. Wager,

This letter confirms the completion of a site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank is greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety code and with the corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required. This notice is issued pursuant to subdivision (g) of Section 25296.1 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Geoffery Fiedler
Hazardous Materials Specialist, II

Cc: Shazada Khan, U.S. Smog and Gas, 3000 Shattuck Avenue Berkeley, California 94705

ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco
California 94104
Tel 415 374 2744
Fax 415 374 2745
www.arcadis-us.com

ENVIRONMENT

Ms. Cheryl Prowell, PE
Water Resources Control Engineer
San Francisco Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject:
Summary of Site Characterization Activities and Results
3000 Shattuck Avenue, Berkeley, California
San Francisco Bay RWQCB Case # 01S0746

Date:
July 9, 2014

Contact:
Hollis Phillips

Phone:
415.432.6903

Email:
Hollis.Phillips@arcadis-us.com

Our ref:
GP09BPNA.C012

Dear Ms. Prowell:

On behalf of British Petroleum (BP), ARCADIS U.S., Inc. (ARCADIS) has prepared this letter to present results of additional investigation activities conducted at the U.S. Smog and Gas facility located at 3000 Shattuck Avenue Berkeley, California (Site) and summarize the current conditions of the Site.

Site Background

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former underground storage tanks (USTs). In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release case (T0600100094; City of Berkeley, 2013). However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP; City of Berkeley, 2012). Based on several lines of evidence, ARCADIS requested to be removed as a PRP (ARCADIS, 2013); however, the request was denied in July 2013 after oversight was transferred to the California Regional Water Quality Control Board (RWQCB, 2013). Following correspondence with the RWQCB, ARCADIS proceeded with investigation activities as requested in the December 2012 notice.

Investigation Activities and Results

In February and March 2014, ARCADIS conducted groundwater sampling to further characterize the nature and extent of site constituents associated with the new release. Historical data from monitoring well A-2 indicated that the carbon range distribution in the free product sample collected in 2008 most clearly resembled mineral oil; therefore, ARCADIS proposed collecting samples from monitoring wells A-2 (the impacted well) and AR-1 (the downgradient well) for analysis of petroleum hydrocarbons and mineral oil. A site plan is included as Figure 1.

On February 13 and March 10, 2014, Broadbent & Associates, Inc (BAI) mobilized to the Site for groundwater sampling activities. During the February sampling event groundwater was inadvertently only analyzed for total petroleum hydrocarbons as diesel (TPHd), including mineral and motor oil ranges (TPHmo), and TPH as gasoline (TPHg). Therefore the wells were re-sampled in March and analyzed for TPHd, mineral oil, TPHmo, TPHg, methyl-tertiary-butyl-ether (MTBE), jet fuel, and transmission oil (the same analytes as the 2008 samples). Benzene, toluene, ethylbenzene, and xylenes (BTEX) were not analyzed because they have not been detected historically in these wells.

Depth-to-water (DTW) and depth-to-product (DTP) measurements were first collected with an oil/water interface probe to assess the presence of free product. BAI staff indicated that measureable free product was not detected, and no sheen was observed at A-2 and AR-1 during sampling activities. Field data sheets are included as Attachment A.

Groundwater samples were collected using a peristaltic pump and low-flow methodology, and submitted under chain-of-custody documentation to TestAmerica, Inc. (TA) in February and Curtis and Tompkins Analytical Laboratories, Inc. (C&T) in March for analysis. TestAmerica does not analyze for hydraulic or transmission oil so the samples were analyzed by C&T during the March sampling event. The laboratory analytical reports for February and March 2014 are included as Attachment B.

During the March 2014 sampling event laboratory analytical results indicated the following:

- TPHd was detected in monitoring wells A-2 and AR-1 at concentrations of 410 micrograms per liter (µg/L) and 130 µg/L, respectively.
- TPHmo was detected in well A-2 at a concentration of 360 µg/L
- Mineral Oil was detected in well A-2 at a concentration of 410 µg/L.
- Hydraulic Oil was detected in monitoring wells A-2 and AR-1 at concentrations of 790 µg/L and 310 µg/L, respectively.
- Transmission Oil was detected in well A-2 at a concentration of 670 µg/L.
- TPHg and Jet A fuel were not detected above method reporting limits (RLs).

The February and March data were very similar and a summary, including the 2008 data, is presented in Table 1. No problems were encountered during analysis; however, results from several analyses noted that the chromatographic pattern observed in the samples did not resemble the standard solutions patterns.

Current Site Conditions and Relevant Receptors

Groundwater samples were collected to assess the current nature and extent of analytes in the vicinity of the hydraulic lifts (A-2) and downgradient along the Site boundary (AR-1). Data collected during the 2014 investigation indicate that detections of chemicals of interest (COIs) associated with the release are primarily limited to the vicinity of A-2. Concentrations of hydraulic oil and TPHd were detected in downgradient monitoring well AR-1 at low concentrations; however mineral oil, which was identified as the primary COI associated with the release, was not detected above RLs at AR-1. Detections of TPHd at AR-1 are on the same order of magnitude as concentrations detected in 2008 (100 µg/L), indicating that the plume is not increasing along the downgradient boundary and thus is not migrating off-site. In addition, concentrations of detected COIs at A-2 have all decreased by an order of magnitude since 2008, indicating there is not an ongoing source, and the area in the vicinity of the suspected source is attenuating. Overall, concentrations of COIs in source area well A-2 and downgradient well AR-1 indicate that the plume associated with the release is not migrating and is decreasing.

In addition to field activities, ARCADIS reviewed a sensitive receptor survey (SRS) previously prepared for the Site to evaluate potential exposure pathways associated with the current extent of COIs. The SRS indicates that no sensitive receptors are located within 2,000 feet downgradient of the Site (west), and the nearest surface water body (San Francisco Bay) is located approximately 8,500 feet west of the Site (ARCADIS, 2010). Based on the nature and extent of the COIs associated with the

release and the SRS, no complete exposure pathways are present and no sensitive receptors are likely to be impacted at the Site.

Conclusions

Review of current and historical data related to the release at the Site indicates that the nature and extent of COIs has been adequately characterized, and the associated plume is decreasing in size. The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities and the rationale presented herein, ARCADIS requests case closure and a NFA be granted. If you have any questions or comments, please contact Hollis Phillips by telephone at 415.432.6903 or by e-mail at Hollis.Phillips@arcadis-us.com

Sincerely,

ARCADIS U.S., Inc.

Hollis E. Phillips, PG (No. 6887)
Project Manager/ Principal Geologist

Attachments:

Table 1	Summary of Groundwater Monitoring Data
Figure 1	Site Plan
Attachment A	Field Data Sheets
Attachment B	Laboratory Analytical Reports

References:

ARCADIS U.S., Inc. (ARCADIS), 2010. Case Closure Summary Report, Former British Petroleum Station #00414, City of Berkeley Case #27540, 3000 Shattuck Avenue, Berkeley California. June 9.

ARCADIS, 2013. Unauthorized Release, 3000 Shattuck Avenue, Berkeley, California, Local Oversight Program Case No. 13-3000-SHA. February 15.

California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), 2013. Personal Communication. Electronic mail from Ms. Cheryl Prowell, RWQCB, to Ms. Hollis Phillips, ARCADIS, re: 3000 Shattuck Ave Berkeley case Nos. T1000004483 and T0600100094. July 11.

City of Berkeley, Planning and Development Department, Toxics Management Division (City of Berkeley), 2012. Unauthorized Release – Notice to Conduct an Investigation, 3000 Shattuck Avenue, Berkeley, California. December 12.

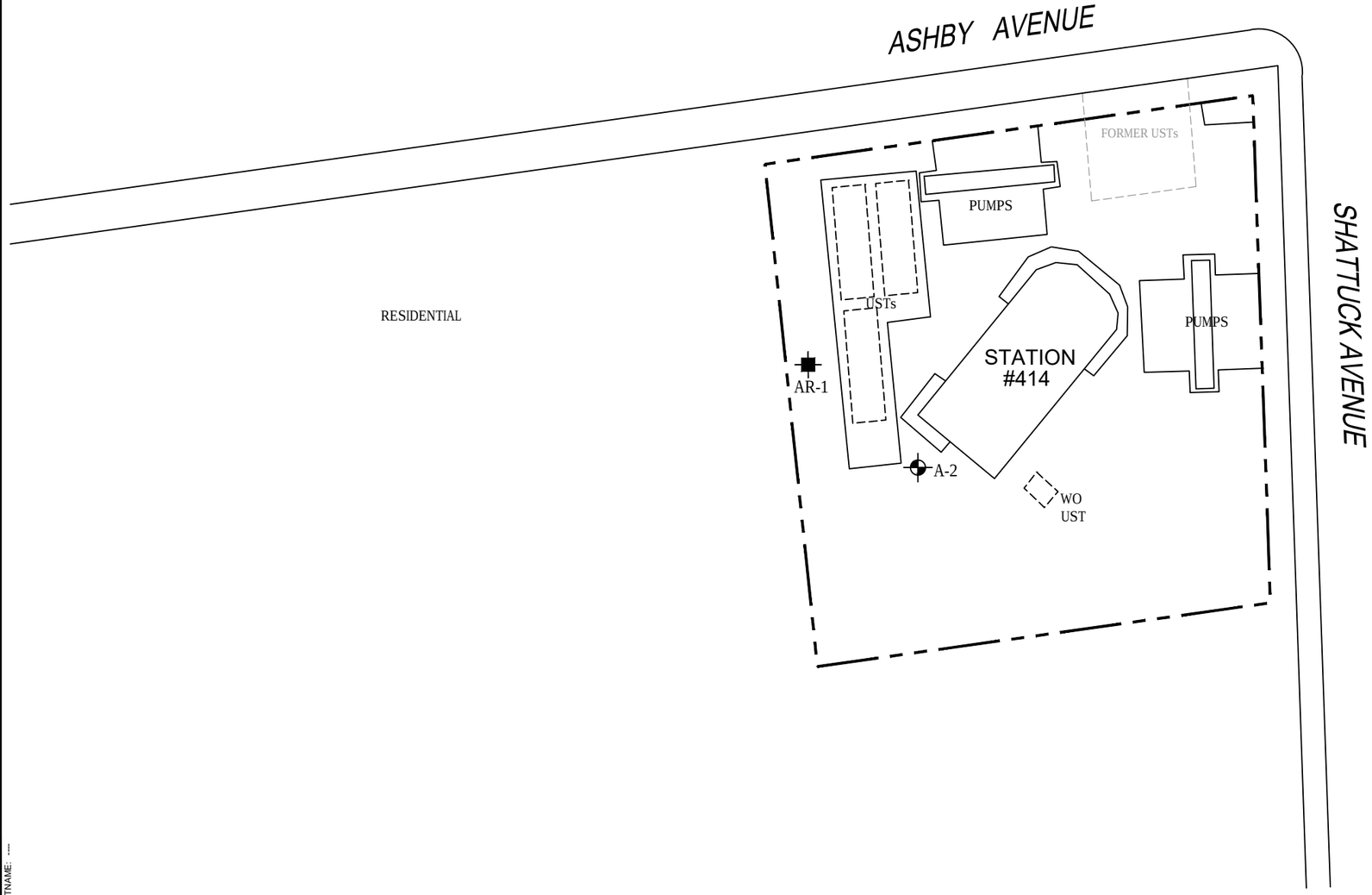
City of Berkeley 2013. Approval of Request for No Further Action, Arco #00414, Berkeley Case No 27540; RWQCB No. 01-0102, 3000 Shattuck Avenue, Berkeley, California 94702. February 14.

Copies:
GeoTracker

Table 1
Summary Of Groundwater Monitoring Data
3000 Shattuck Avenue, Berkeley, California

Well ID	Date	TPHg (µg/L)	MTBE (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Mineral Oil (µg/L)	Hydraulic Oil (µg/L)	Transmission Oil (µg/L)	Jet A (µg/L)
A-2	1/31/2008	1,300	28	1,900	<1,900	3,500	3,300	3,700	470
	2/13/2014	<50	--	270	330	350	--	--	--
	3/10/2014	<50	6.9	410 Y	360	410 Y	790 Y	670 Y	<50
AR-1	1/31/2008	<50	2.8	100	<470	--	--	--	--
	2/13/2014	<50	--	86	<100	--	--	--	--
	3/10/2014	<50	1.6	130 Y	<300	<300	310	<300	<50

Notes: TPHg - total petroleum hydrocarbons as gasoline range organics
TPHd - total petroleum hydrocarbons as diesel range organics
TPHmo - total petroleum hydrocarbons as motor oil range organics
Y - sample exhibits chromatographic pattern which does not resemble standard
µg/L - micrograms per liter



LEGEND

- MONITORING WELL
- RECOVERY WELL
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

BP FACILITY NO. 414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

S□T□□□A□

ARCADIS

FIGURE
□

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\GP09BPNAC012\Q0000\DWG\GP09BPNAC012-B01.dwg LAYOUT: 1 SAVED: 5/15/2014 6:51 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 5/15/2014 6:51 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---
GP09BPNAC012-X01

Attachment A

Field Data Sheets

BROADBENT

DAILY REPORT

Project: Arcadis 414 Project No.: 09-88-670

Field Representative(s): Alex Martinez Day: Thursday Date: 2/13/14

Time Onsite: From: 1030 To: 1200 ; From: _____ To: _____ ; From: _____ To: _____

x Signed HASP x Safety Glasses x Hard Hat x Steel Toe Boots x Safety Vest

x UST Emergency System Shut-off Switches Located x Proper Gloves

x Proper Level of Barricading ___ Other PPE (describe) _____

Weather: Partly Cloudy

Equipment In Use: Peristaltic pump, US2 meter, interface probe

Visitors: None

TIME:	WORK DESCRIPTION:
1030	Arrive onsite. Informed station operator of activities to be performed.
1040	Set up for sampling @ A-2
1120	Set up @ AR-1
1200	Completed fieldwork & offsite.

Signature: Alex Martinez

BROADBENT

GROUNDWATER MONITORING SITE SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM Elevation: _____

Formation recharge rate is historically: High Low *(circle one)*

W. L. Indicator ID #: _____ Oil/Water Interface ID #: _____ *(List #s of all equip used.)*

WELL ID RECORD					WELL GAUGING RECORD					NOTES
Well ID	Well Sampling Order	As-Built Well Diameter (inches)	As-Built Well Screen Interval (ft)	Previous Depth to Water (ft)	Time (24:00)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)*	Depth to Water (ft)	Well Total Depth (ft)	
A-2					1048	-	-	7.07	29.20	
AR-1					1125	-	-	7.03	31.60	

* Device used to measure LNAPL thickness: Bailer Oil/Water Interface Meter *(circle one)*

If bailer used, note bailer dimensions (inches): Entry Diameter _____ Chamber Diameter _____

Signature: _____

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: A-2 Start Time: - End Time: - Total Time (minutes): -

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

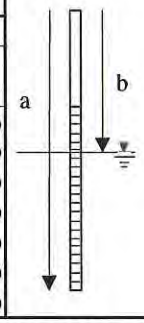
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 29.20 (ft)
Initial Depth to Water (b): 7.07 (ft)
Pump In-take Depth = b + (a-b)/2: 18.13 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.76 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or (L)	Temperature °C	pH	Conductivity µS or (mS)	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1056	0.0	18.87	7.64	0.741	3.71	152	0.0	
1058	0.5	19.35	7.09	0.735	2.31	168	0.0	
1100	1.0	19.53	6.87	0.732	2.02	179	0.0	
1102	1.5	19.64	6.76	0.731	1.93	186	0.0	
1104	2.0	19.73	6.69	0.730	1.86	193	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.97 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: A-2 Sample Collection Time: 1105 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: AR-1 Start Time: — End Time: — Total Time (minutes): —

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

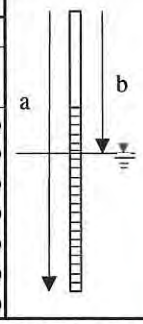
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 31.60 (ft)
Initial Depth to Water (b): 7.03 (ft)
Pump In-take Depth = b + (a-b)/2: 19.51 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.94 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or L	Temperature °C	pH	Conductivity µS or mS	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1132	0.0	21.13	6.41	0.498	3.52	29	82.4	
1134	0.5	20.77	6.60	0.506	1.51	-136	8.1	
1136	1.0	20.61	6.73	0.505	1.33	-162	0.0	
1138	1.5	20.52	6.78	0.508	1.27	-171	0.0	
1140	2.0	20.50	6.84	0.509	1.22	-179	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.35 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: AR-1 Sample Collection Time: 1145 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	_____ of _____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) _____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	AQ	2								On Hold

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	[illegible]	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Attachment B

Laboratory Analytical Reports

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 254253
ANALYTICAL REPORT

Arcadis	Project : ARCADIS 414
2000 Powell St.	
Emeryville, CA 94608	Level : II

Sample ID	Lab ID
A-2	254253-001
AR-1	254253-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 03/18/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**254253**
Client:	**Arcadis**
Project:	**ARCADIS 414**
Request Date:	**03/10/14**
Samples Received:	**03/10/14**

This data package contains sample and QC results for two water samples, requested for the above referenced project on 03/10/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

CHAIN OF CUSTODY

Chain of Custody # : _____

C&T LOGIN # 254353

Project No:

Project Name: Arcadis 414

EDD Format: _____ **Rpt Level:** II III IV

Turnaround Time: ☐ RUSH _____ ☑ Standard

Sampler: Alex Martinez

Report To: Kristene Tidwell

Company : Broadbent & Associates, Inc

Telephone: 707-455-7290

Email: ktidwell@broadbentinc.com

Lab No.	Sample ID.	Sampling		Matrix				# of Containers	Chemical Preservative					Analytical Request														
		Date	Time	Water	Soil				HCl	H_2SO_4	HNO_3	NaOH	None	TPHg	TPHd	MTBE	Mineral Oil	Transmission Oil	Hydraulic Oil	Jet-A								
1	A-2	3/10/2014	1225	x				5	3				2	x	x	x	x	x	x	x								
2	AR-1	3/10/2014	1255	x				5	3				2	x	x	x	x	x	x	x								

Notes:

This sampling event was conducted for Arcadis U.S., Inc.
Please send results to Hollis Phillips of Arcadis.

SAMPLE RECEIPT
☐ Intact ☐ Cold
☑ On Ice ☐ Ambient

RELINQUISHED BY:

3/10/14 1335 _____ DATE/TIME

DATE/TIME

DATE/TIME

RECEIVED BY:

Pat Dempsey 3/10/14 1335 DATE/TIME

DATE/TIME

DATE/TIME

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 254253 Date Received 3/10/14 Number of coolers 1
Client BROADBENT Project ARCADIS 414

Date Opened 3/10/14 By (print) IR (sign) Ina Raikai
Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
   Shipping info _____
2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe) _____

☒ Bubble Wrap ☐ Foam blocks ☐ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) _____

☒ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
   If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are there any missing / extra samples? _____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
12. Are sample labels present, in good condition and complete? _____ (YES) NO
13. Do the sample labels agree with custody papers? _____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
15. Are the samples appropriately preserved? _____ YES NO (N/A)
16. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)
17. Did you document your preservative check? _____ YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? _____ (YES) NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES (NO)
   If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____

_____

_____

_____

_____

_____

Rev 10; 11/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208851		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	77-128

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	127	77-128

Type: BLANK Lab ID: QC731206

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	77-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC731205	Batch#:	208851
Matrix:	Water	Analyzed:	03/11/14
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	932.8	93	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	77-128

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Prepared:	03/12/14
Batch#:	208898	Analyzed:	03/13/14

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	410 Y	50
Motor Oil C24-C36	360	300
Hydraulic Fluid, C12-40	790 Y	300
Transmission Fluid: C10-C40	670 Y	300
Mineral Oil C12-C40	410 Y	300

Surrogate	%REC	Limits
o-Terphenyl	93	66-129

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	130 Y	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	310	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	92	66-129

Type: BLANK Lab ID: QC731404

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	ND	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	101	66-129

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208898
Units:	ug/L	Prepared:	03/12/14
Diln Fac:	1.000	Analyzed:	03/13/14

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC731405

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,631	65	61-120

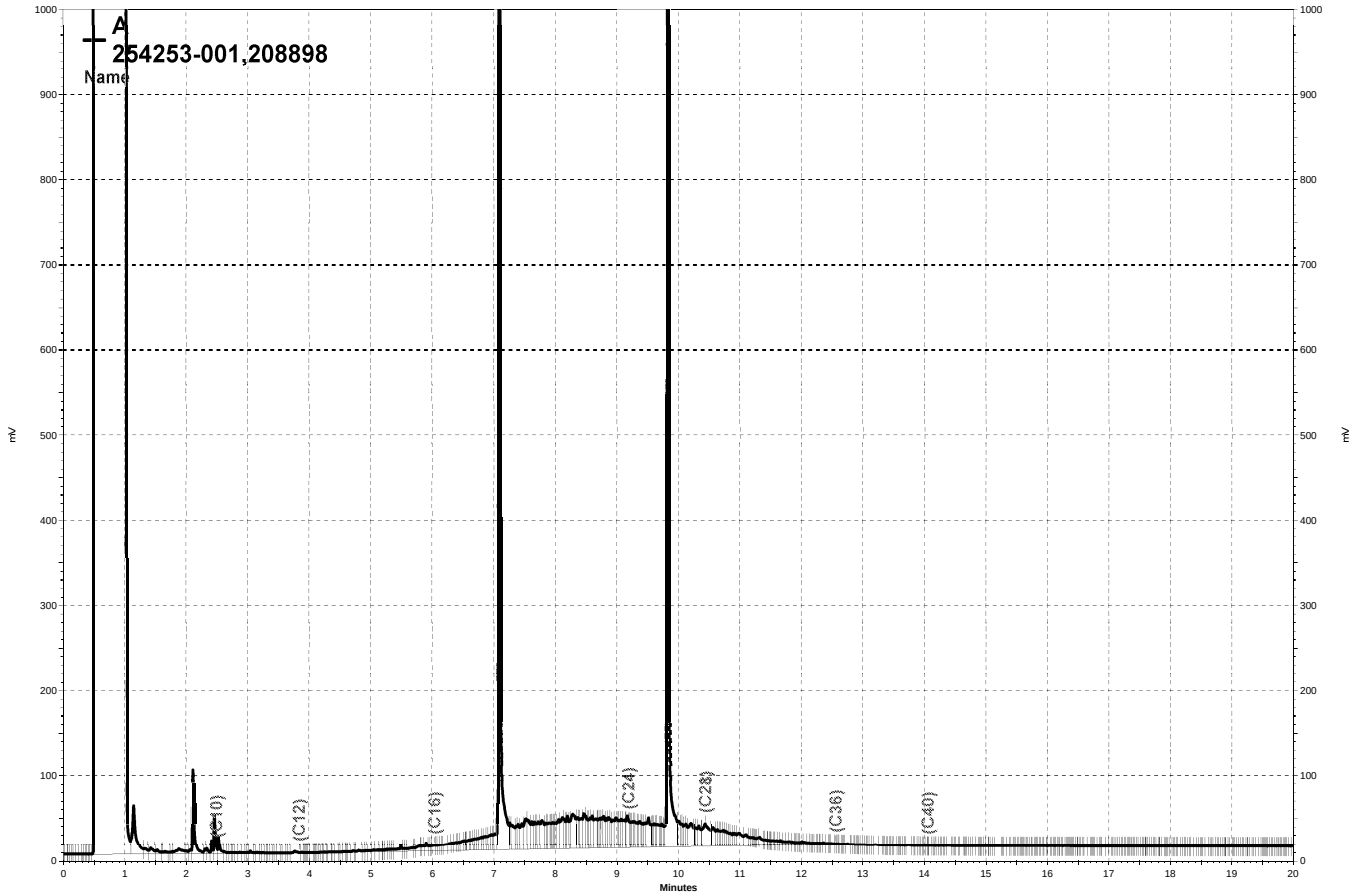
Surrogate	%REC	Limits
o-Terphenyl	98	66-129

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC731406

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	1,695	68	61-120	4	45

Surrogate	%REC	Limits
o-Terphenyl	100	66-129

RPD= Relative Percent Difference



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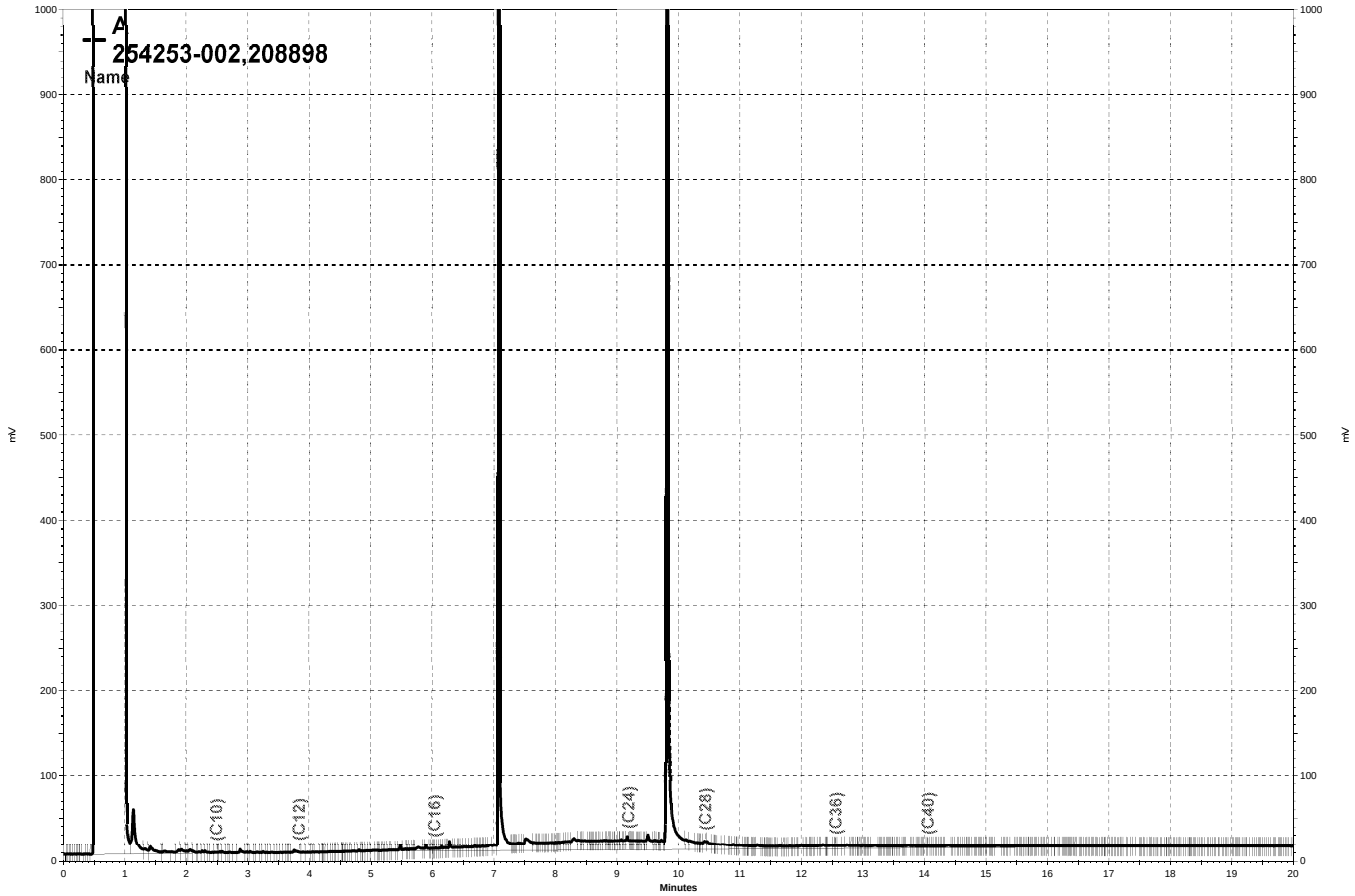

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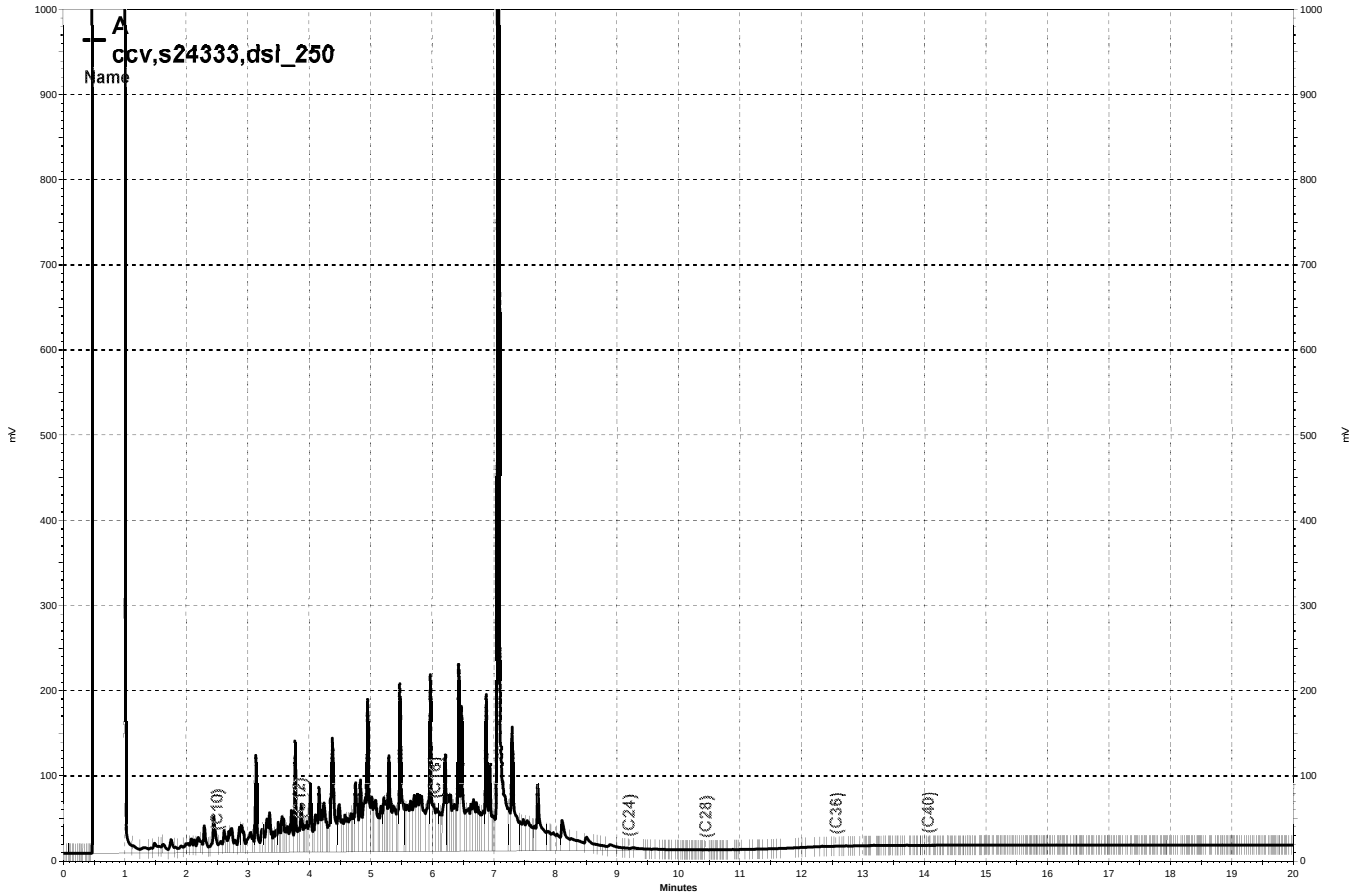

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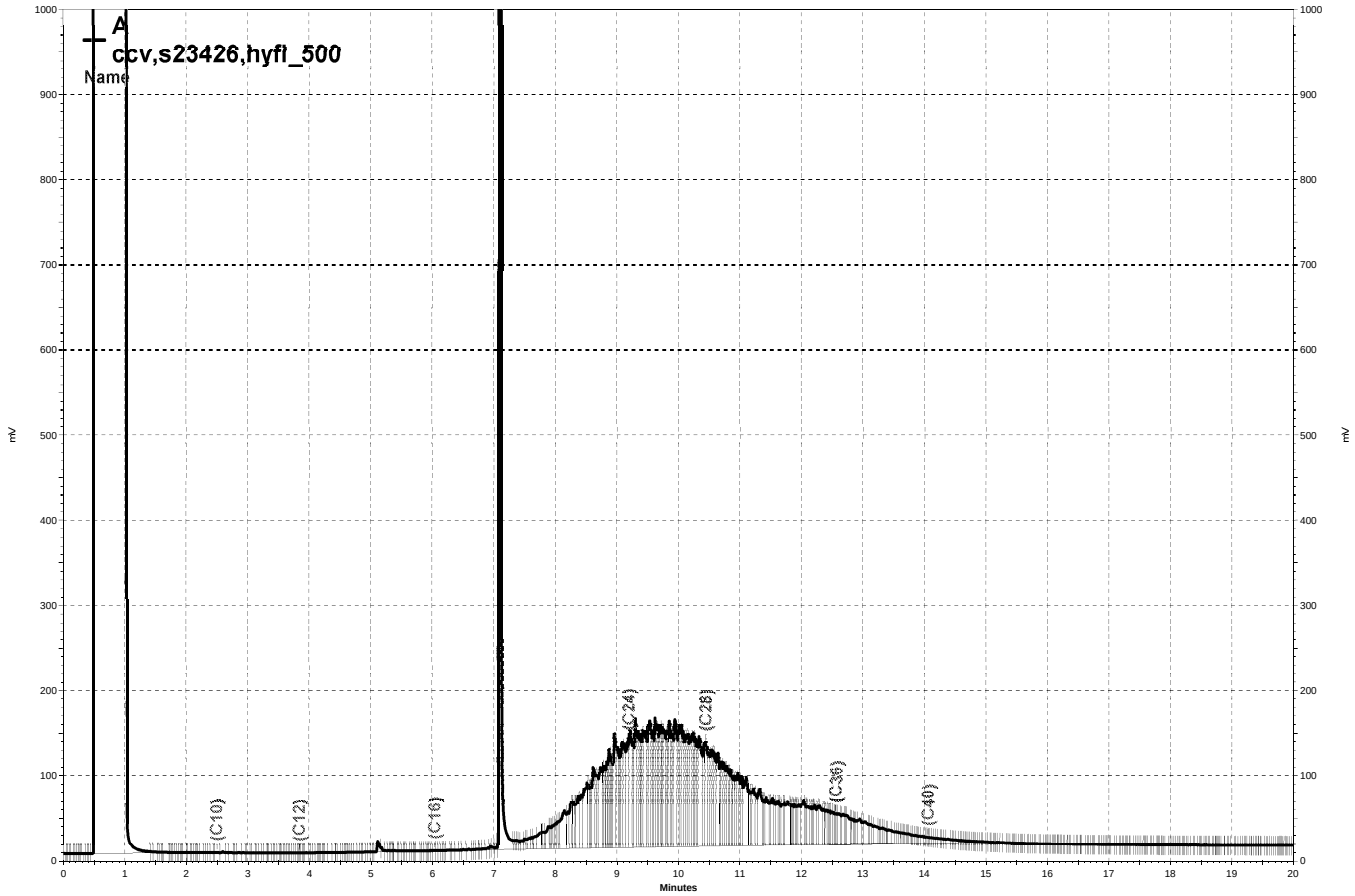

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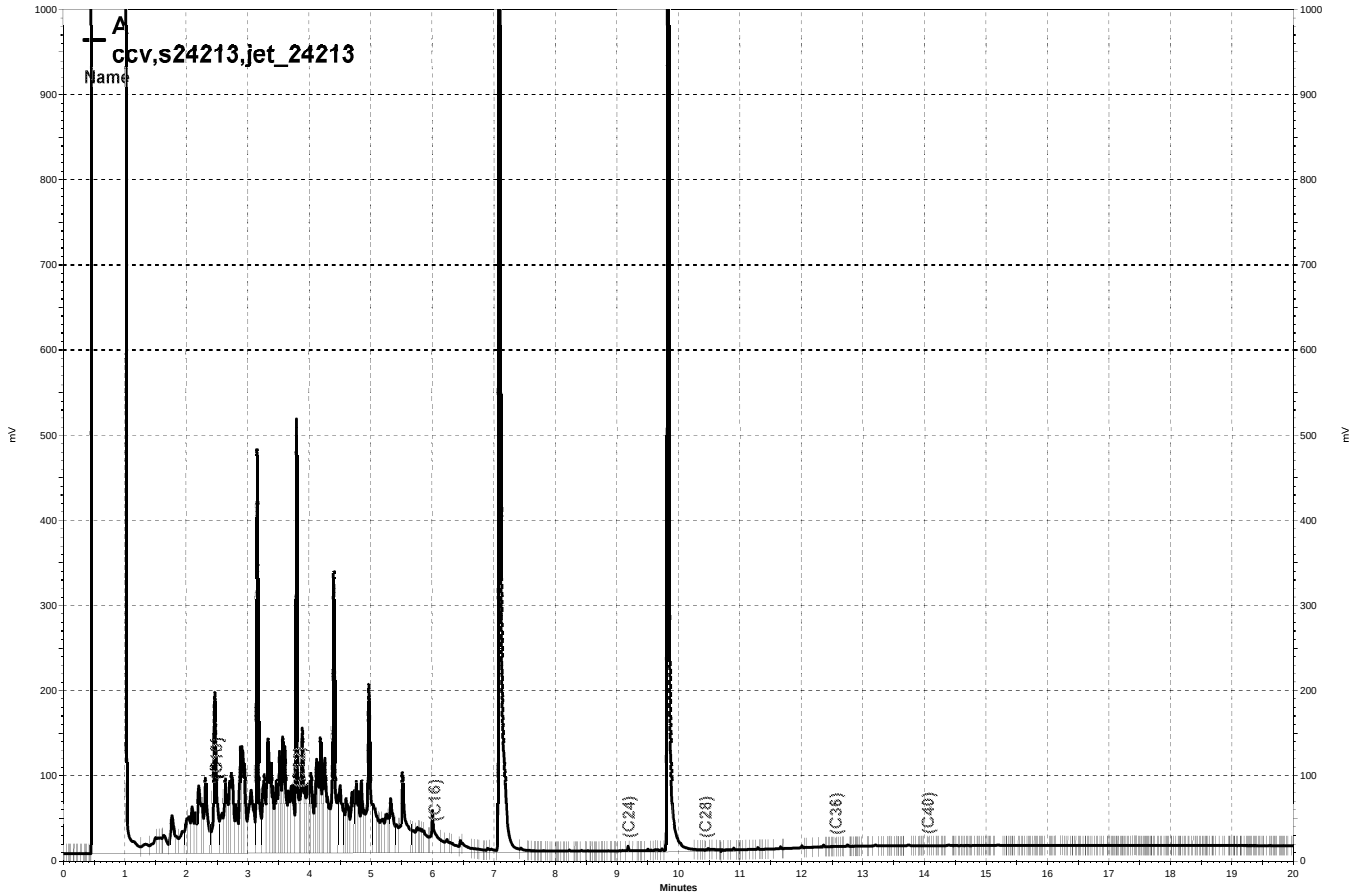

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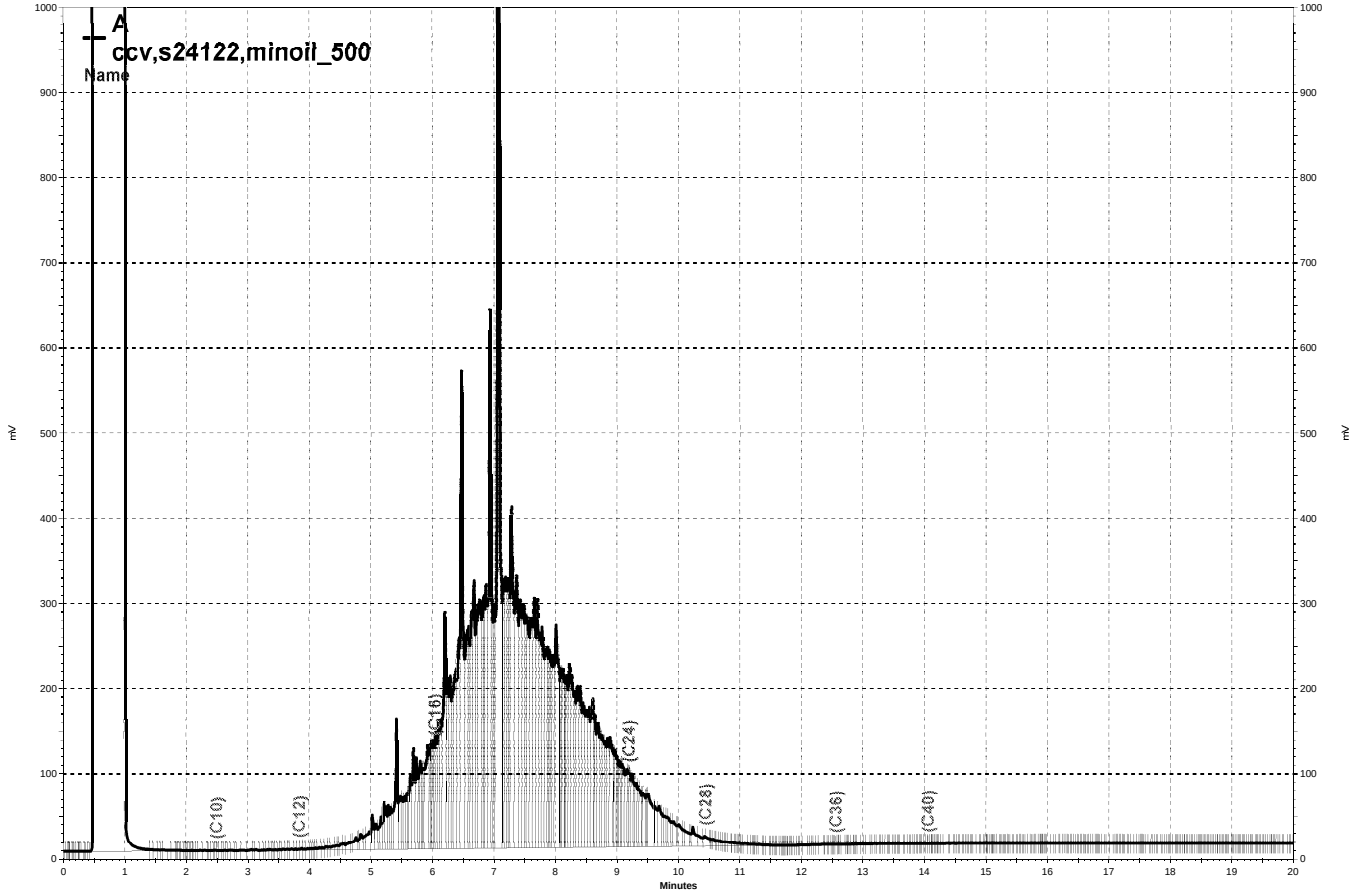

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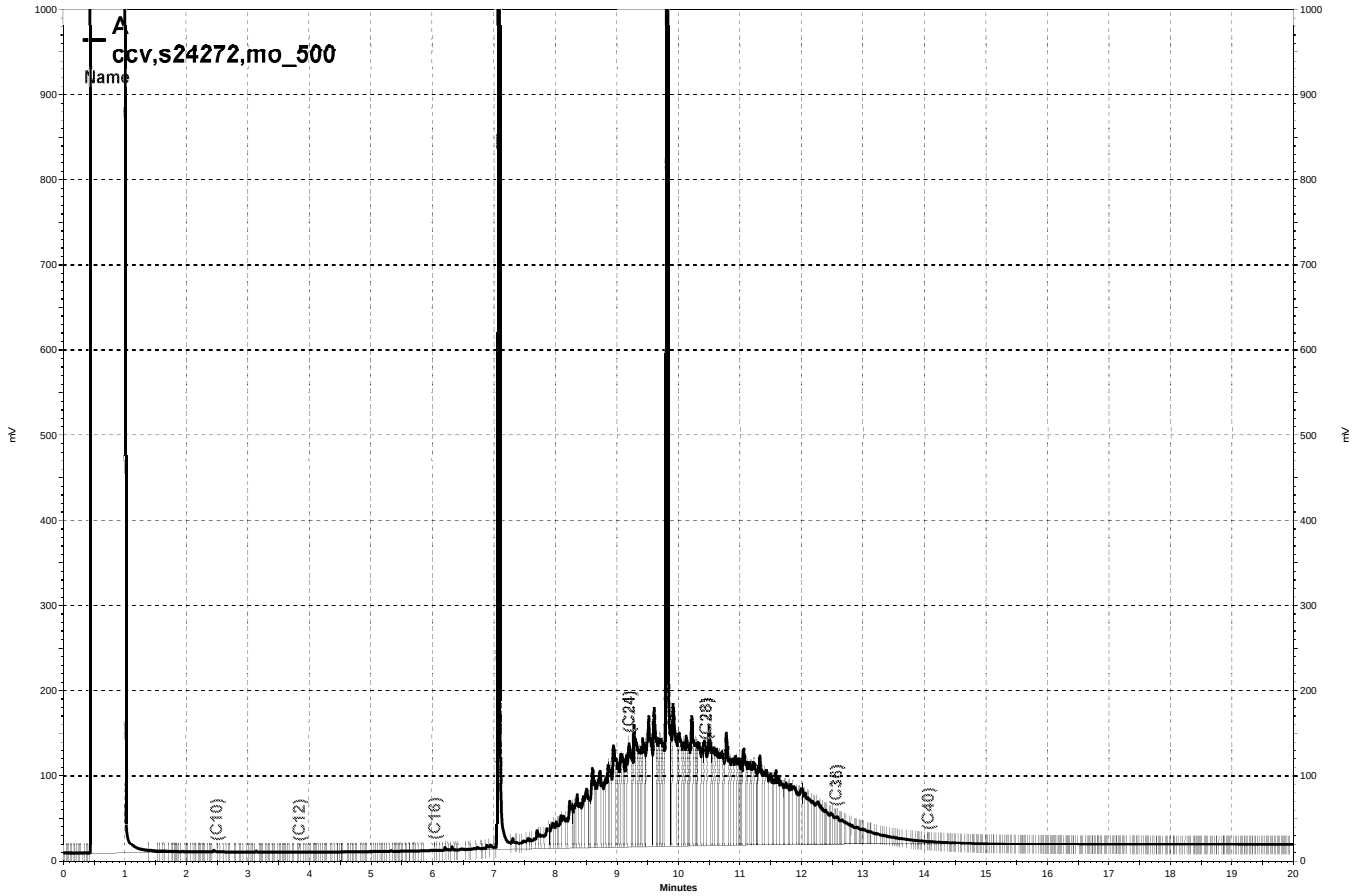

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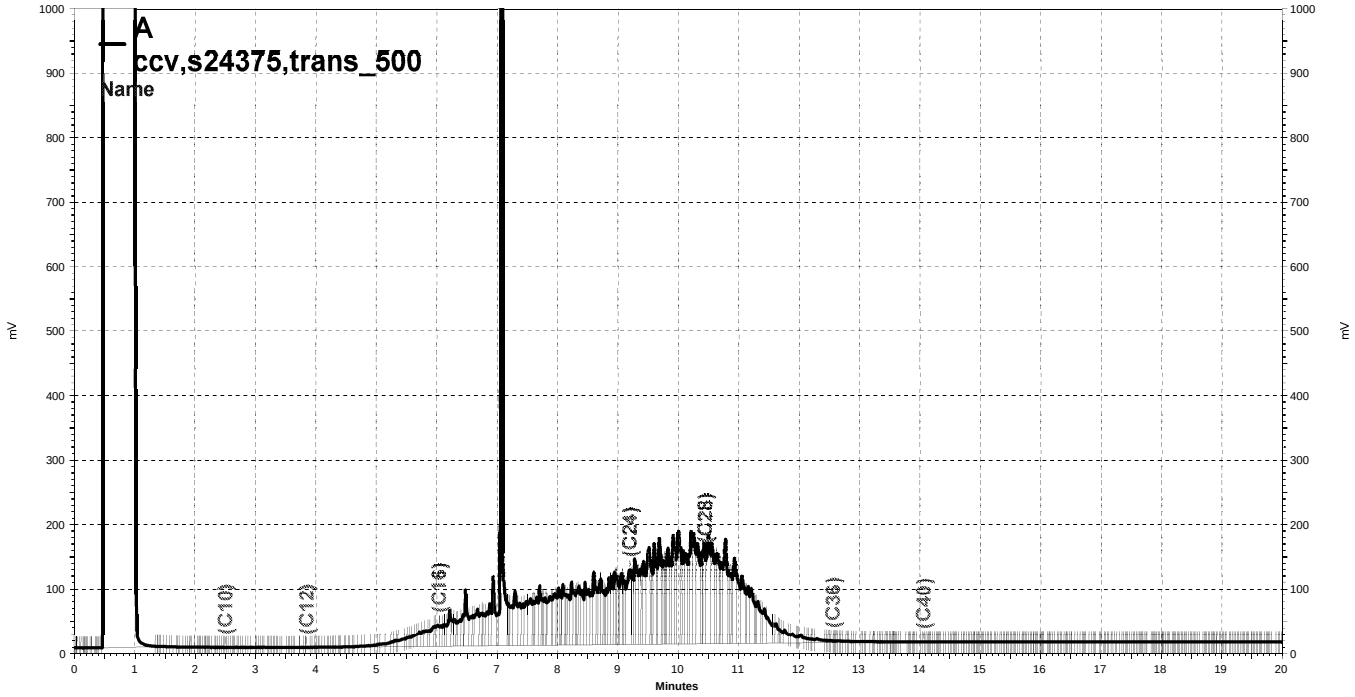

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Curtis & Tompkins, Ltd.

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208824		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
MTBE	6.9	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
MTBE	1.6	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	77-136

Type: BLANK Lab ID: QC731100

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	77-136

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208824
Units:	ug/L	Analyzed:	03/11/14
Diln Fac:	1.000		

Type: BS Lab ID: QC731098

Analyte	Spiked	Result	%REC	Limits
MTBE	12.50	11.44	92	64-121

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Type: BSD Lab ID: QC731099

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	12.50	11.93	95	64-121	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	77-136

RPD= Relative Percent Difference

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

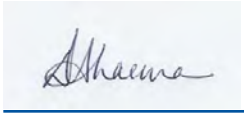
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-55527-1
Client Project/Site: BP #414, Berkeley

For:
ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco, California 94104

Attn: Hollis Phillips



Authorized for release by:
2/19/2014 4:37:44 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
QC Sample Results 8
QC Association Summary 10
Lab Chronicle 11
Certification Summary 12
Method Summary 13
Sample Summary 14
Chain of Custody 15
Receipt Checklists 16

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55527-1

Comments
No additional comments.

Receipt
The samples were received on 2/13/2014 12:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2 — Lab Sample ID: 720-55527-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	270		53		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	330		110		ug/L	1		8015B	Total/NA
Mineral oil	350		110		ug/L	1		8015B	Total/NA

Client Sample ID: AR-1 — Lab Sample ID: 720-55527-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	86		51		ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2
Date Collected: 02/13/14 11:05
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 06:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*72 - 130*		*02/15/14 06:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 06:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**270**		53		ug/L		02/18/14 09:41	02/18/14 18:15	1
Motor Oil Range Organics [C24-C36]	**330**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1
Mineral oil	**350**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*72*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:15*	*1*

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: AR-1
Date Collected: 02/13/14 11:45
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 07:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*		*02/15/14 07:24*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 07:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**86**		51		ug/L		02/18/14 09:41	02/18/14 18:39	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/18/14 09:41	02/18/14 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*70*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:39*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-153588/4
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/14/14 20:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*02/14/14 20:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*72 - 130*		*02/14/14 20:53*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/14/14 20:53*	*1*

Lab Sample ID: LCS 720-153588/7
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C12			500	445		ug/L		89	58 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*77*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-153588/8
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C12			500	455		ug/L		91	58 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*76*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-153744/1-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 153744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/18/14 09:41	02/18/14 20:16	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1
Mineral oil	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*81*		*23 - 156*	*02/18/14 09:41*	*02/18/14 20:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-153744/2-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*77*		*23 - 156*

Lab Sample ID: LCSD 720-153744/3-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*82*		*23 - 156*

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

GC/MS VOA

Analysis Batch: 153588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55527-2	AR-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153588/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153588/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-153588/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Analysis Batch: 153726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8015B	153744
720-55527-2	AR-1	Total/NA	Water	8015B	153744
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	8015B	153744
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	153744
MB 720-153744/1-A	Method Blank	Total/NA	Water	8015B	153744

Prep Batch: 153744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	3510C	
720-55527-2	AR-1	Total/NA	Water	3510C	
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-153744/1-A	Method Blank	Total/NA	Water	3510C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2

Lab Sample ID: 720-55527-1

Date Collected: 02/13/14 11:05

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 06:55	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:15	JL	TAL PLS

Client Sample ID: AR-1

Lab Sample ID: 720-55527-2

Date Collected: 02/13/14 11:45

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 07:24	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:39	JL	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-55527-1	A-2	Water	02/13/14 11:05	02/13/14 12:45
720-55527-2	AR-1	Water	02/13/14 11:45	02/13/14 12:45

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-55527

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

151846

TestAmerica Laboratories, Inc.

2/19/2014

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	____ of ____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) ____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	Aq	2								On Hold

720-55527 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* *Archive For* ____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	Kristene M	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 720-55527-1

Login Number: 55527

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

September 3, 2014
File No. 01S0746 (RL)

BP West Coast Products, LLC
c/o Ms. Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

SUBJECT: No Further Action, U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, Alameda County

Dear Ms. Wager:

This letter confirms the completion of site investigation and remedial action for the pollutant releases at the subject site. The attached Case Closure Summary describes remedial activities and our case-closure rationale.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the pollutant releases at the subject site is required.

If you have any questions concerning this letter, please contact Randy Lee of my staff at (510) 622-2375, [e-mail: rylee@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment: Case Closure Summary
cc w/attach: Mailing List (next page)

Mailing List:

Nabil Al-Hadithy
Manager
City of Berkeley
2118 Milvia Street, Suite 200
Berkeley, California 94704

U.S. Smog and Gas
3000 Shattuck Avenue
Berkeley, CA, 947054

Hollis Phillips
Arcadis US Inc.,
100 Montgomery Street, Suite 300
San Francisco, CA 94539
Hollis.Phillips@arcadis-us.com

Khan Shazada & Farhat
47856 Avalon Heights Terrace
Fremont, CA 94539

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 9/3/2014

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Randy Lee	Title: Water Resource Control Engineer

II. SITE INFORMATION

Site Facility Name: U.S. Smog and Gas (a.k.a. ARCO # 00414)		
Site Facility Address: 3000 Shattuck Ave Berkeley		
RB Case No.: 01S0746 (aka 01-0102)	Local Case No.: 27540	Priority:
Responsible Parties (include addresses and phone numbers)		
Jim Smith BP Remediation Management, 201 Helios Way, Houston, Texas, 77079		
(713) 323-4153		

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1*	200	waste oil	removed	11/19/1997
2*	12,000	gasoline	removed	8/11/2000
3*	12,000	gasoline	removed	8/11/2000
4*	12,000	gasoline	removed	8/11/2000
(* Closed by City of Berkeley on 2/14/2013)				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: leakage from USTs and hydraulic lifts		
Site characterization complete? yes	Date Approved by Oversight Agency: 2/14/2013	
Monitoring wells installed? yes	Number: 6	Proper screened interval? yes
Highest GW Depth Below Ground Surface: 11.28 ft bgs	Lowest Depth: 4.61 ft bgs	Flow Direction: ranged from northwest to southwest, with the predominant direction to the west
Most Sensitive Current Use: municipal, industrial process, industrial service and agricultural are identified in the Basin Plan		
Most Sensitive Potential Use		

and Probability of Use : municipal, industrial process, industrial service and agricultural are identified in the Basin Plan	
Are drinking water wells affected? no	Aquifer Name: n/a
Is surface water affected? no	Nearest surface water name: San Francisco Bay
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Report(s) on file? yes	Where is report(s) filed? GeoTracker

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	4	1 waste oil tank - 11/19/1997- unknown 3 gasoline USTs -8/11/2000- Disposal (Mid-Valley Landfill)	11/19/1997 & 8/11/2000
Piping	unknown	Disposal (Mid-Valley Landfill)	8/11/2000
Free Product	400 gallon	Disposal (DeMeeno/Kerdoon in Compton CA)	8/11/2000
Soil	1,416 ton	Disposal (Forward Landfill, Manteca, CA)	8/11/2000
Groundwater	1,200 gallon	Disposal (Seaport Environmental Facility, Redwood City, CA)	8/11/2000
Barrels			

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPHg 27540-closed)	8,410	n/a	31,000	<50	TPHg (*01S0746*)	n/a	n/a	1,300	<50
Benzene (27540-closed)	3.44	n/a	5,900	<0.5	MTBE (*01S0746*)	n/a	n/a	28	6.9
Toluene (27540-closed)	136	n/a	6,500	<0.5	TPHd (*01S0746*)	n/a	n/a	1,900	410
Ethylbenzene (27540-closed)	127	n/a	620	<0.5	TPHmo (*01S0746*)	n/a	n/a	<1,900	360
Xylenes (27540-closed)	531	n/a	4,600	<0.5	Mineral oil (*01S0746*)	n/a	n/a	3,500	410
MTBE (27540-closed)	19.8	n/a	8,400	2,130	Hydraulic oil (*01S0746*	n/a	n/a	3,300	790

TPHd (27540-closed)	1,920	n/a	n/a	100	Transmission Oil (*01S0746*)	n/a	n/a	3,700	670
Lead (27540-closed)	<7.5	n/a	n/a	n/a	Jet A (*01S0746*)	n/a	n/a	470	<50

Comments (Depth of Remediation, etc.):

- GRI removed an oil/water separator in June 1992.
- GSI conducted vapor extraction tests on August 18 and November 19, 1992, using vapor extraction wells AV-1 through AV-6. Based on the results of the two tests, vapor extraction was deemed a suitable remedy based on an estimated radius of influence of 20 to 30 feet (GSI 1992c).There is no available documentation stating that recovery well AR-1 or the six vapor extraction wells were ever used for full-scale remediation purposes.
- Oxygen release compound (ORC) socks were used at wells AR-1 and A-1 through A-4 for various time periods from the third quarter 1996 to the first quarter 1997.
- Cambria removed three fiberglass USTs in August 2000 and installed new tanks.
- Cambria removed approximately 1,415 tons of soil and disposed of the soil off site in 2000 when the tanks and associated product lines were excavated.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? yes		
Does corrective action protect public health for current land use? yes		
Site Management Requirements: none		
Monitoring Wells Decommissioned: A-1	Number Decommissioned: 1	Number Retained: 5 (to be destroyed upon closure)
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Case Closure Summary Report	6/9/2010
Approval of Request for No Further Action	2/14/2013
BP414 Summary of Investigation Results	7/9/14

VI. ADDITIONAL COMMENTS, DATA, ETC.

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former USTs. In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release associated with the USTs (case #27540; City of Berkeley, 2013).

However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with the hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP). In February and March of 2013, groundwater samples were collected from the impacted well and the downgradient wells. The investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

In June 2013, the case involving the potential release associated with the hydraulic lifts was referred to the San Francisco Bay Regional Water Board (Case # 01S0746, RWQCB). The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities, ARCADIS requested case closure on behalf of BP on July 9, 2014. This case closure summary prepared by the Regional Water Board, although included prior information related to the UST releases, is intended to close investigation associated with the potential release associated with the hydraulic lifts.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco
California 94104
Tel 415.374.2744
Fax 415.374.2745
www.arcadis-us.com

Mr. Randy Lee, PE
Water Resources Control Engineer
San Francisco Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject:
Well Destruction Report
RB Case Number: 01S0746 (aka 01-0102)
Local Case Number: 27540 (City of Berkeley)
Former ARCO Station No. 00414
3000 Shattuck Avenue
Berkeley, California

ENVIRONMENTAL

Date:
January 13, 2015

Contact:
Hollis E. Phillips

Phone:
415.432.6903

Email:
Hollis.phillips@arcadis-us.com

Our ref:
GP09BPNA.C012

Dear Mr. Lee:

On behalf of Atlantic Richfield Company (ARCO), ARCADIS-US, Inc. (ARCADIS) is pleased to submit this Well Destruction Completion Report to the San Francisco Bay Regional Water Quality Control Board (RWQCB). This Memorandum documents the destruction of four groundwater monitoring wells, one recovery well, and six soil vapor extraction wells at the Former ARCO Station No. 00414 located at 3000 Shattuck Avenue in Berkeley, California (Figure 1). Destruction of groundwater and soil vapor extraction wells was approved by the RWQCB in their No Further Action package correspondence letter dated September 3, 2014 (Attachment A).

Prior to conducting the field activities, ARCADIS obtained well destruction permits from the City of Berkeley Planning and Development Department. Copies of the permits are included as Attachment B. ARCADIS retained a California-licensed drilling contractor, Gregg Drilling and Testing, Inc. (Gregg Drilling; C57 License No. 485-165) to destroy the wells.

Site wells were destroyed using pressure grouting technique on December 5 and 8, 2014. Each well casing was filled with Portland cement grout through a trimie pipe, from the bottom to the top. Groundwater from the well casing was captured at the surface and properly contained for disposal. Once each well was filled with grout, 25 psi of pressure were applied at the top of the casing for about 5 minutes, in an attempt to push grout into the well screen prefforations and the filter pack. Additional grout was then poured into the casing to fill the remaining empty space. Lastly, each well box was removed with a jack-hammer and the hole was patched with concrete to match the existing grade.

Generated debris, such as well boxes metal and concrete, were disposed of as general construction waste by Gregg Drilling. Generated groundwater was contained in one Department of Transportation-approved 55-gallon steel drum, and temporally stored on-site pending proper disposal. The drum was removed from the site on December 16, 2014, by Integrated Wastestream Management, Inc. The groundwater drum was disposed of at the Seaport Refining & Environmental facility in Redwood City, California. The certificate of disposal is provided in Attachment C.

Well Completion Reports were submitted to the City of Berkeley Planning and Development Department; copies are included in Attachment D.

With the completion of the above mentioned well abandonment activities, ARCADIS does not believe there are any remaining issues associated with the RWQCB Case No. 01S0746 (aka 01-0102); therefore, this site should be considered closed with regard to the previous environmental issues associated with this site. If you have any questions or need additional information regarding this site please contact Hollis Phillips at 415.432.6903.

Sincerely,

ARCADIS U.S., Inc.

Hollis E. Phillips, PG
Project Manager

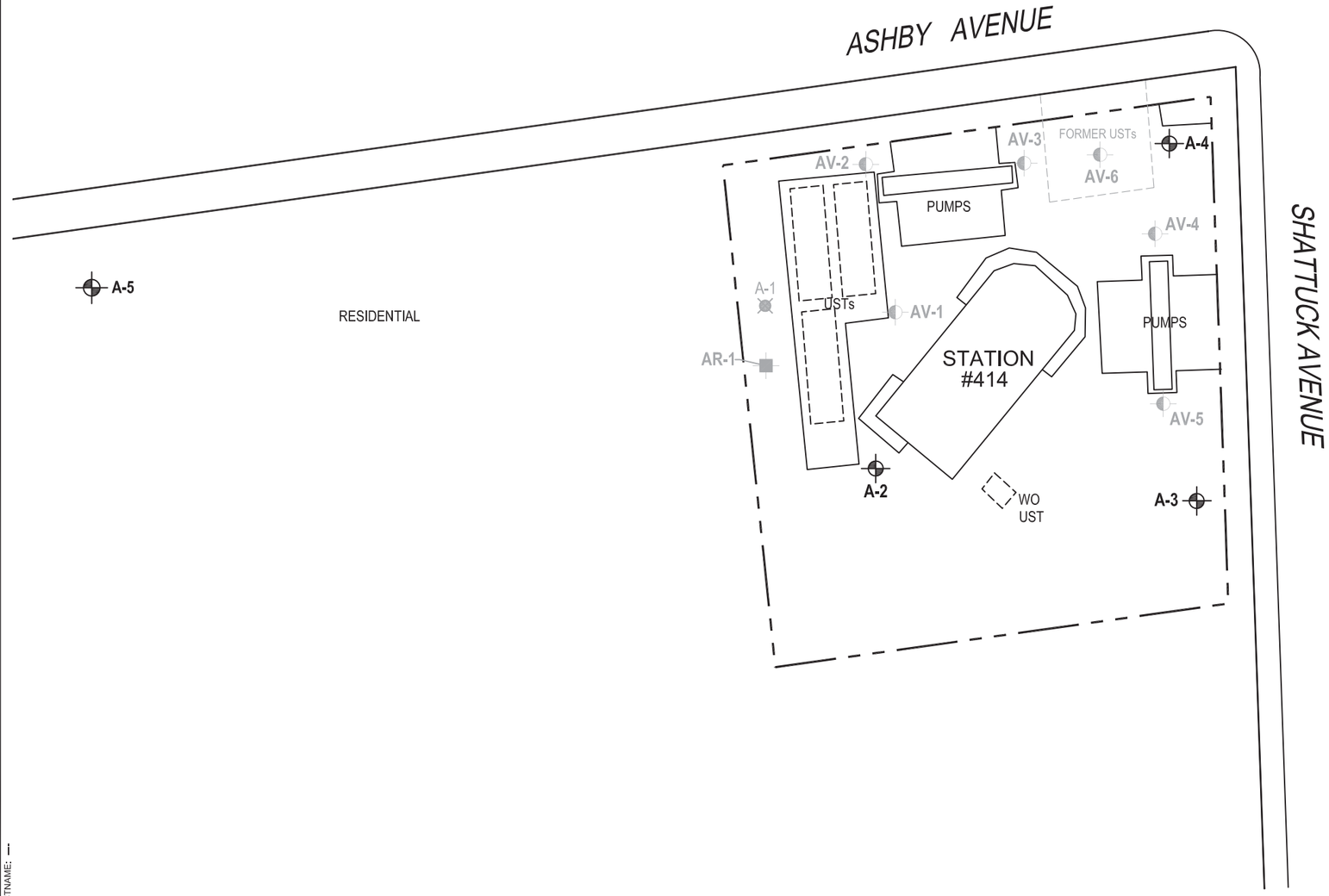
Attachments:

Figure 1 – Site Plan
Attachment A – San Francisco Bay RWQCB September 3, 2014 No Further Action Correspondence
Attachment B – Well Destruction Permits
Attachment C – Certificate of Disposal
Attachment D – Well Completion Reports

Copies:

Geotracker

Figures



LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL

WO WASTE OIL

UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

SITE PLAN WITH HISTORICAL SOIL BORING LOCATIONS

ARCADIS

FIGURE
3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON=*;OFF=*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA.C012.Q0000\DWG\GP09BPNAC012-B04.dwg LAYOUT: 3 SAVED: 4/28/2010 6:48 AM ACADVER: 18.0S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/3/2010 2:56 PM BY: HARRIS, JESSICA
XREFS: IMAGES:
GP09BPNAC012-X01
GP09BPNAC012-X02
PROJECTNAME: ---

Attachment A

San Francisco Bay RWQCB
September 3, 2014 No Further
Action Correspondence

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

September 3, 2014
File No. 01S0746 (RL)

BP West Coast Products, LLC
c/o Ms. Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

SUBJECT: No Further Action, U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, Alameda County

Dear Ms. Wager:

This letter confirms the completion of site investigation and remedial action for the pollutant releases at the subject site. The attached Case Closure Summary describes remedial activities and our case-closure rationale.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the pollutant releases at the subject site is required.

If you have any questions concerning this letter, please contact Randy Lee of my staff at (510) 622-2375, [e-mail: rylee@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment: Case Closure Summary
cc w/attach: Mailing List (next page)

Mailing List:

Nabil Al-Hadithy
Manager
City of Berkeley
2118 Milvia Street, Suite 200
Berkeley, California 94704

U.S. Smog and Gas
3000 Shattuck Avenue
Berkeley, CA, 947054

Hollis Phillips
Arcadis US Inc.,
100 Montgomery Street, Suite 300
San Francisco, CA 94539
Hollis.Phillips@arcadis-us.com

Khan Shazada & Farhat
47856 Avalon Heights Terrace
Fremont, CA 94539

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 9/3/2014

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Randy Lee	Title: Water Resource Control Engineer

II. SITE INFORMATION

Site Facility Name: U.S. Smog and Gas (a.k.a. ARCO # 00414)		
Site Facility Address: 3000 Shattuck Ave Berkeley		
RB Case No.: 01S0746 (aka 01-0102)	Local Case No.: 27540	Priority:
Responsible Parties (include addresses and phone numbers)		
Jim Smith BP Remediation Management, 201 Helios Way, Houston, Texas, 77079		
(713) 323-4153		

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1*	200	waste oil	removed	11/19/1997
2*	12,000	gasoline	removed	8/11/2000
3*	12,000	gasoline	removed	8/11/2000
4*	12,000	gasoline	removed	8/11/2000
(* Closed by City of Berkeley on 2/14/2013)				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: leakage from USTs and hydraulic lifts		
Site characterization complete? yes	Date Approved by Oversight Agency: 2/14/2013	
Monitoring wells installed? yes	Number: 6	Proper screened interval? yes
Highest GW Depth Below Ground Surface: 11.28 ft bgs	Lowest Depth: 4.61 ft bgs	Flow Direction: ranged from northwest to southwest, with the predominant direction to the west
Most Sensitive Current Use: municipal, industrial process, industrial service and agricultural are identified in the Basin Plan		
Most Sensitive Potential Use		

and Probability of Use : municipal, industrial process, industrial service and agricultural are identified in the Basin Plan	
Are drinking water wells affected? no	Aquifer Name: n/a
Is surface water affected? no	Nearest surface water name: San Francisco Bay
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Report(s) on file? yes	Where is report(s) filed? GeoTracker

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	4	1 waste oil tank - 11/19/1997- unknown 3 gasoline USTs -8/11/2000- Disposal (Mid-Valley Landfill)	11/19/1997 & 8/11/2000
Piping	unknown	Disposal (Mid-Valley Landfill)	8/11/2000
Free Product	400 gallon	Disposal (DeMeeno/Kerdoon in Compton CA)	8/11/2000
Soil	1,416 ton	Disposal (Forward Landfill, Manteca, CA)	8/11/2000
Groundwater	1,200 gallon	Disposal (Seaport Environmental Facility, Redwood City, CA)	8/11/2000
Barrels			

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPHg 27540-closed)	8,410	n/a	31,000	<50	TPHg (*01S0746*)	n/a	n/a	1,300	<50
Benzene (27540-closed)	3.44	n/a	5,900	<0.5	MTBE (*01S0746*)	n/a	n/a	28	6.9
Toluene (27540-closed)	136	n/a	6,500	<0.5	TPHd (*01S0746*)	n/a	n/a	1,900	410
Ethylbenzene (27540-closed)	127	n/a	620	<0.5	TPHmo (*01S0746*)	n/a	n/a	<1,900	360
Xylenes (27540-closed)	531	n/a	4,600	<0.5	Mineral oil (*01S0746*)	n/a	n/a	3,500	410
MTBE (27540-closed)	19.8	n/a	8,400	2,130	Hydraulic oil (*01S0746*	n/a	n/a	3,300	790

TPHd (27540-closed)	1,920	n/a	n/a	100	Transmission Oil (*01S0746*)	n/a	n/a	3,700	670
Lead (27540-closed)	<7.5	n/a	n/a	n/a	Jet A (*01S0746*)	n/a	n/a	470	<50

Comments (Depth of Remediation, etc.):

- GRI removed an oil/water separator in June 1992.
- GSI conducted vapor extraction tests on August 18 and November 19, 1992, using vapor extraction wells AV-1 through AV-6. Based on the results of the two tests, vapor extraction was deemed a suitable remedy based on an estimated radius of influence of 20 to 30 feet (GSI 1992c).There is no available documentation stating that recovery well AR-1 or the six vapor extraction wells were ever used for full-scale remediation purposes.
- Oxygen release compound (ORC) socks were used at wells AR-1 and A-1 through A-4 for various time periods from the third quarter 1996 to the first quarter 1997.
- Cambria removed three fiberglass USTs in August 2000 and installed new tanks.
- Cambria removed approximately 1,415 tons of soil and disposed of the soil off site in 2000 when the tanks and associated product lines were excavated.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? yes		
Does corrective action protect public health for current land use? yes		
Site Management Requirements: none		
Monitoring Wells Decommissioned: A-1	Number Decommissioned: 1	Number Retained: 5 (to be destroyed upon closure)
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Case Closure Summary Report	6/9/2010
Approval of Request for No Further Action	2/14/2013
BP414 Summary of Investigation Results	7/9/14

VI. ADDITIONAL COMMENTS, DATA, ETC.

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former USTs. In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release associated with the USTs (case #27540; City of Berkeley, 2013).

However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with the hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP). In February and March of 2013, groundwater samples were collected from the impacted well and the downgradient wells. The investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

In June 2013, the case involving the potential release associated with the hydraulic lifts was referred to the San Francisco Bay Regional Water Board (Case # 01S0746, RWQCB). The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities, ARCADIS requested case closure on behalf of BP on July 9, 2014. This case closure summary prepared by the Regional Water Board, although included prior information related to the UST releases, is intended to close investigation associated with the potential release associated with the hydraulic lifts.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

Attachment B

Well Destruction Permits

RECEIVED

OCT 06 2014

TOXICS MANAGEMENT DIVISION

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

TMD Use Only
Permit No.: 15-05-21 DW (expires 90 days from approval)
Permit Fee: $420 Check No. 131846
Approved by: [signature] Date: 10-8-14

Admin: Contractor Licenses – Reviewed by: MB
Geo/Eng license Y/N CoB Business Y/N
Driller license Y/N CoB Business Y/N

PERMIT APPLICATION

Well Construction, Installation, Destruction, Or Modification and/or Soil Boring/Probe/Grab Soil or Ground Water Sampling

Name of Facility:	U.S. Smog and Gas, located at 3000 Shattuck Avenue
Address:	2030 Ashby Avenue Berkeley CA 94705
Telephone (Business):	residential (Emergency:) —

Property Owner:	Micheal McDowell and Carolyn Weil
Owner Address:	1470 Rose Street Berkeley CA 94702

Supervising Geological/Engineering Co.:	ARCADIS US. INC	City of Berkeley Business Lic #:	
Address:	100 Montgomery Street, Ste 300 San Francisco, CA 94104	Email:	Hollis.Phillips@arcadis-us.com
Contractor Lic. No.:	571846 ✓	Type: A & B ✓	Expires: 3-31-2015 ✓
Contact Person:	Hollis Phillips, PG	Tel.: 415.432.6903	Fax: 415.374.2745

Drilling Co.:	Gregg Drilling and Testing, Inc.	City of Berkeley Business Lic #:	BL-005171
Address:	950 Howe Road. Martinez CA 94553		
Local Contact Person:	Christopher Pruner	Tel.: 925.313.5800	Fax: 925.313.0302
C-57 License No.:	485165	Expiration Date:	January 31, 2016 ✓

Indicate Number of Locations In Box	Well Details (attach information as needed for multiple construction types)
☐ Wells to be installed	Borehole Diameter:
☒ 1 Wells to be destroyed See attached log	Well Casing Diameter:
☐ Soil Borings, probes, sampling points	Gauge of Casing:
☐ Modify Wells including new/replacement pumps, vacuums, probes, elevation modifications, etc.	Well Screen type: Slot Size
	Proposed Well Depth:
	Type of Grout:
	Other:

- Provide a scaled plan identifying the proposed drilling locations, property boundaries, streets, structures, pollution source areas, and buried and overhead utility lines.
- Call the Toxics Management Division (TMD) at (510) 981-7460 and schedule an inspection of the grout sealing of boreholes, probes, or wells. Notify TMD a minimum of two (2) working days in advance of first scheduled day of drilling.
- Submit the Department of Water Resources (DWR 188) form following well installation or destruction.
- Inform TMD of any contamination found. Please forward report to TMD within 60 days of completion.

I certify that I have prepared this application and that the work will be done in accordance with the provisions of the laws of the State of California, the ordinances and the rules and regulations of the City of Berkeley.

Signed [signature] Representing ARCADIS Date 10/2/14

FEES: **First Well/Each add'l. - $420/$150** **First Soil Boring/Each add'l. - $210/$150**

RECEIVED

OCT 06 2014

TOXICS MANAGEMENT DIVISION

TMD Use Only

Permit No.: 15-~~0882~~-20 (expires 90 days from approval)
Permit Fee: $1,770 Check No. 13897
Approved by: KBM Date: 10/3/14

Admin: Contractor Licenses – Reviewed by: MCB
Geo/Eng license (Y)/N CoB Business Y/N
Driller license (Y)/N CoB Business Y/N

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

PERMIT APPLICATION

Well Construction, Installation, Destruction, Or Modification and/or Soil Boring/Probe/Grab Soil or Ground Water Sampling

Name of Facility: U.S. Smog and Gas	
Address: 3000 Shattuck Avenue Berkeley CA 94705	
Telephone *(Business)*: Vacent	*(Emergency:)* Vacent

Property Owner: Khan Shazada and Farhat	
Owner Address: 47856 Avalon Heights Terrace Fremont CA 94539	

Supervising Geological/Engineering Co.:	ARCADIS US INC.	City of Berkeley Business Lic #:	
Address: 100 Montgomery Street, Suite 300 San Francisco, CA 94104	Email: Hollis.Phillips@arcadis-us.com		
Contractor Lic. No.: 571846	Type: A & B ✓	Expires: 3-31-2015	
Contact Person: Hollis Phillips, PG	Tel.: 415.432.6903	Fax: 415.374.2745 ✓	

Drilling Co.: Gregg Drilling and Testing, Inc.	City of Berkeley Business Lic #:	BL-005171	
Address: 950 Howe Road, Martinez CA 94553			
Local Contact Person: Christopher Pruner	Tel.: 925.313.5800	Fax: 925.313.0302	
C-57 License No.: 485165	Expiration Date: January 31, 2016 ✓		

Indicate Number of Locations In Box	Well Details (attach information as needed for multiple construction types)
☐ Wells to be installed	Borehole Diameter:
☒ 10 Wells to be destroyed See attached logs	Well Casing Diameter:
☐ Soil Borings, probes, sampling points	Gauge of Casing:
☐ Modify Wells including new/replacement pumps, vacuums, probes, elevation modifications, etc.	Well Screen type: Slot Size
	Proposed Well Depth:
	Type of Grout:
	Other:

- Provide a scaled plan identifying the proposed drilling locations, property boundaries, streets, structures, pollution source areas, and buried and overhead utility lines.
- Call the Toxics Management Division (TMD) at (510) 981-7460 and schedule an inspection of the grout sealing of boreholes, probes, or wells. Notify TMD a minimum of two (2) working days in advance of first scheduled day of drilling.
- Submit the Department of Water Resources (DWR 188) form following well installation or destruction.
- Inform TMD of any contamination found. Please forward report to TMD within 60 days of completion.

I certify that I have prepared this application and that the work will be done in accordance with the provisions of the laws of the State of California, the ordinances and the rules and regulations of the City of Berkeley.

Signed H. Phillips Representing ARCADIS Date 10/2/14

FEES: **First Well/Each add'l. - $420/$150** **First Soil Boring/Each add'l. - $210/$150**

Attachment C

Certificate of Disposal

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
1945 CONCOURSE DRIVE, SAN JOSE, CA 95131
PHONE: 408.433.1990 FAX: 408.433.9521

CERTIFICATE OF DISPOSAL

Generator Name:	BP West Coast Products LLC	Facility Name:	BP-414
Address:	PO Box 80249	Address:	3000 Shattuck Avenue
	Rancho Santa Margarita,CA 92688		Berkeley, CA 94705
Contact:	Hollis Phillips	Facility Contact:	Miljan Draganic
Phone:	415-432-6903	Phone:	(510) 590-2540

IWM Job #:	Bella 457
Description of Waste:	1 Drum of Non-Hazardous Water
Removal Date:	12-16-14
Ticket #:	SP12162014-MISC

Transporter Information

Name:	IWM, Inc.
Address:	1945 Concourse Drive
	San Jose, CA 95131
Phone:	(408) 433-1990

Disposal Facility Information

Name:	Seaport Refining & Environmental
Address:	700 Seaport Blvd
	Redwood City, CA 94063
Phone:	(650) 364-1024

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon William T. DeLon — 12-16-14

Authorized Representative (Print Name and Signature) — Date

Attachment D

Well Completion Reports

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e()248134

Page 1 of 1

Owner's Well Number A-2

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N Latitude W Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	30	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 30 Feet

Total Depth of Completed Well 30 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

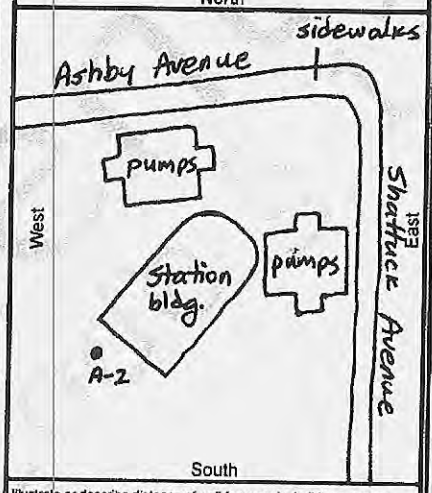
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	8	Blank	PVC Sch. 40	0.1	3		
5	30	8	Screen	PVC Sch. 40	0.1	3	Shutter	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	3	Cement	Grout
3	4	Bentonite	Pellets
4	30	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248135

Page 1 of 1

Owner's Well Number A-3

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	30	The well was abandoned by Pressure Grouting
		Technique:
		Well casing was filled with portland cement grout
		(neat cement Type II/V), through a trimie pipe,
		from the bottom to the top.
		Groundwater from the well casing was captured
		at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was
		applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing
		when needed to fill all the way to the top and
		above the well casing.
		Lastly, well box was removed with a jack hammer
		and the hole was patched with concrete to match
		existing grade.

Total Depth of Boring 30 Feet

Total Depth of Completed Well 30 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg Min Sec N Longitude Deg Min Sec W

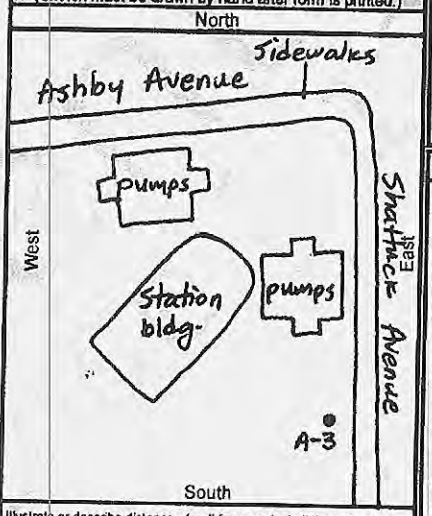
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	8	Blank	PVC Sch. 40	0.1	3		
5	30	8	Screen	PVC Sch. 40	0.1	3	Shutter	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	3	Cement	Grout
3	4	Bentonite	Pellets
4	30	Filter Pack	#2/12 Lonestar Sand

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248136

Page 1 of 1

Owner's Well Number A-4

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	30	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 30 Feet

Total Depth of Completed Well 30 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

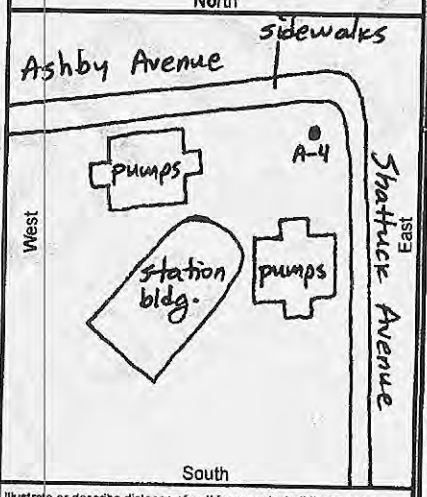
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	8	Blank	PVC Sch. 40	0.1	3		
5	30	8	Screen	PVC Sch. 40	0.1	3	Shutter	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	3	Cement	Grout
3	4	Bentonite	Pellets
4	30	Filter Pack	#2/12 Lonestar Sand

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Address Martinez City CA State 94553 Zip

Signed C-57 Licensed Water Well Contractor Date Signed 12/22/14

485-165 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e[illegible]248194

Page 1 of 1

Owner's Well Number A-5

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-21 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	20	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 20 Feet

Total Depth of Completed Well 20 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 2030 Ashby Avenue

City Berkeley County Alameda

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

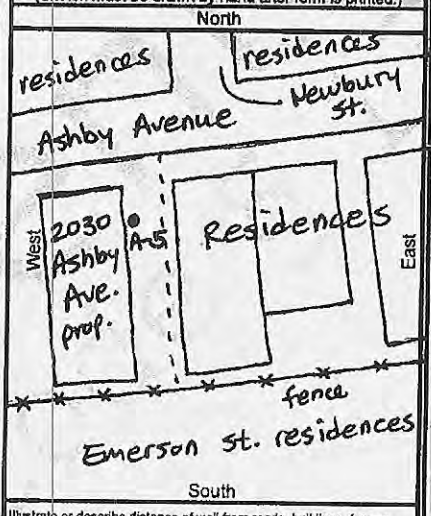
Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 53 Page 1592 Parcel 24

Township ___ Range ___ Section ___

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other ___
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water ___ (Feet below surface)

Depth to Static Water Level ___ (Feet) Date Measured ___

Estimated Yield * ___ (GPM) Test Type ___

Test Length ___ (Hours) Total Drawdown ___ (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	10	8	Blank	PVC Sch. 40	0.1	2		
10	20	8	Screen	PVC Sch. 40	0.1	2	Shutter	0.010

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	7	Cement	Portland, Type I/II
7	9	Bentonite	Seal
9	20	Filter Pack	#2/12 Monterey Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248137

Page 1 of 1

Owner's Well Number AR-1

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	35	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 35 Feet

Total Depth of Completed Well 33 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

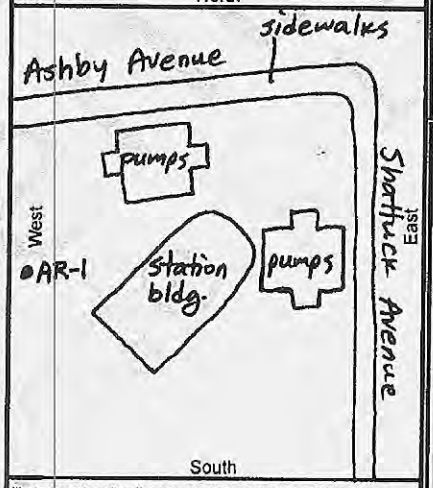
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	8	12	Blank	PVC Sch. 40	0.1	6		
8	33	12	Screen	Carbon Steel	0.1	6	Wire Wrap	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	6	Cement	Neat cement
6	7	Bentonite	Seal
7	33	Filter Pack	#2/12 Lonestar Sand
33	35	Bentonite	

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed C-57 Licensed Water Well Contractor Date Signed 12/22/14

485-165 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248148

Page 1 of 1

Owner's Well Number AV-1

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

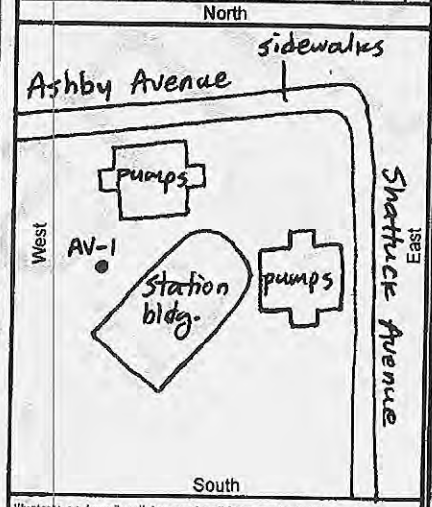
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e)248149

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N / W

Latitude / Longitude

APN/TRS/Other

Page 1 of 1

Owner's Well Number AV-2

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	12	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 11.5 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

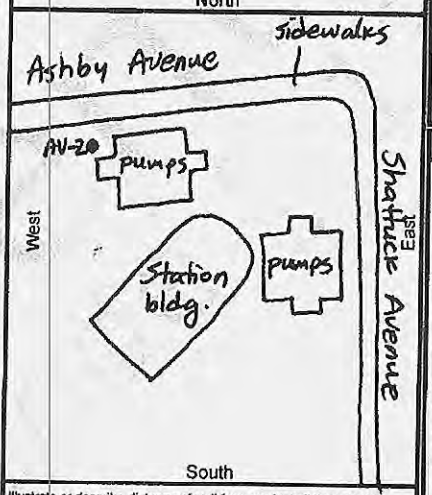
Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 53 Page 1592 Parcel 01

Township ___ Range ___ Section ___

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other ___
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water ___ (Feet below surface)

Depth to Static Water Level ___ (Feet) Date Measured ___

Estimated Yield * ___ (GPM) Test Type ___

Test Length ___ (Hours) Total Drawdown ___ (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand
10	12	Bentonite	

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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Well Completion Report

Refer to Instruction Pamphlet

No. e0248152

Page 1 of 1

Owner's Well Number AV-3

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

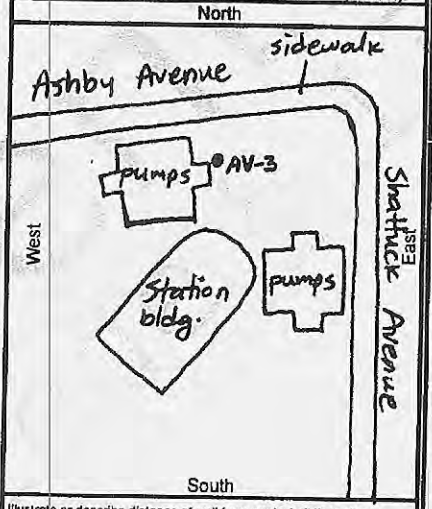
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	Coarse Aquarium Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Address Martinez City CA State 94553 Zip

Signed C-57 Licensed Water Well Contractor Date Signed 12/22/14

485-165 C-57 License Number

DWR 188 REV. 1/2006

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State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0[illegible]48153

Page 1 of 1

Owner's Well Number AV-4

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N Latitude W Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

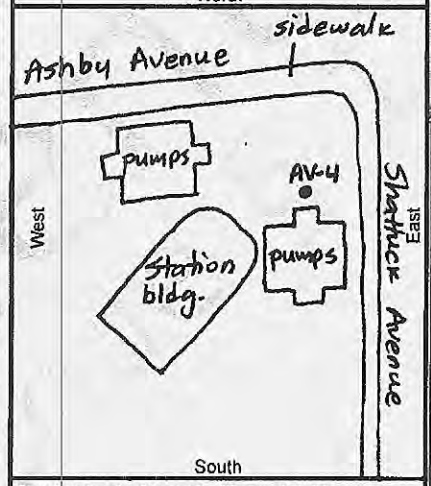
Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 53 Page 1592 Parcel 01

Township ___ Range ___ Section ___

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water ___ (Feet below surface)

Depth to Static Water Level ___ (Feet) Date Measured ___

Estimated Yield * ___ (GPM) Test Type ___

Test Length ___ (Hours) Total Drawdown ___ (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	Coarse Aquarium Sand

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e)248158

Page 1 of 1

Owner's Well Number AV-5

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N Latitude W Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg Min Sec N Longitude Deg Min Sec W

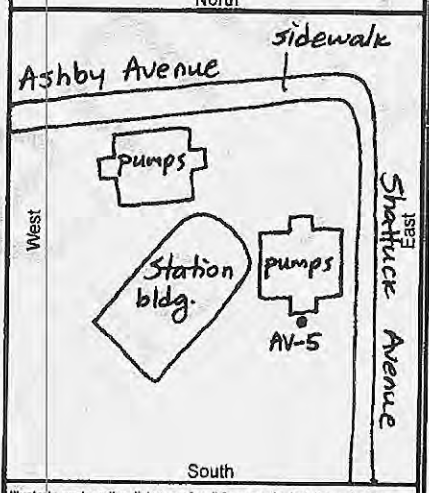
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248159

Page 1 of 1

Owner's Well Number AV-6

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

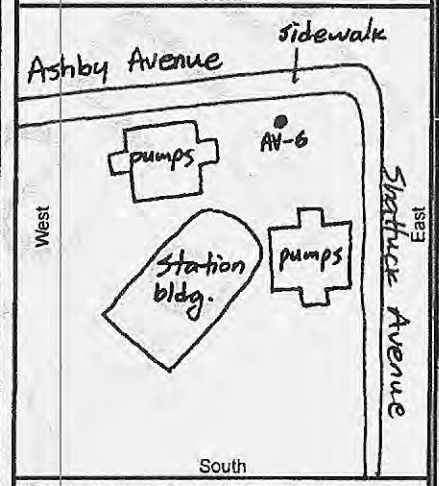
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 8/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

September 3, 2014
File No. 01S0746 (RL)

BP West Coast Products, LLC
c/o Ms. Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

SUBJECT: No Further Action, U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, Alameda County

Dear Ms. Wager:

This letter confirms the completion of site investigation and remedial action for the pollutant releases at the subject site. The attached Case Closure Summary describes remedial activities and our case-closure rationale.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the pollutant releases at the subject site is required.

If you have any questions concerning this letter, please contact Randy Lee of my staff at (510) 622-2375, [e-mail: rylee@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment: Case Closure Summary
cc w/attach: Mailing List (next page)

Mailing List:

Nabil Al-Hadithy
Manager
City of Berkeley
2118 Milvia Street, Suite 200
Berkeley, California 94704

U.S. Smog and Gas
3000 Shattuck Avenue
Berkeley, CA, 947054

Hollis Phillips
Arcadis US Inc.,
100 Montgomery Street, Suite 300
San Francisco, CA 94539
Hollis.Phillips@arcadis-us.com

Khan Shazada & Farhat
47856 Avalon Heights Terrace
Fremont, CA 94539

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 9/3/2014

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Randy Lee	Title: Water Resource Control Engineer

II. SITE INFORMATION

Site Facility Name: U.S. Smog and Gas (a.k.a. ARCO # 00414)		
Site Facility Address: 3000 Shattuck Ave Berkeley		
RB Case No.: 01S0746 (aka 01-0102)	Local Case No.: 27540	Priority:
Responsible Parties (include addresses and phone numbers)		
Jim Smith BP Remediation Management, 201 Helios Way, Houston, Texas, 77079		
(713) 323-4153		

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1*	200	waste oil	removed	11/19/1997
2*	12,000	gasoline	removed	8/11/2000
3*	12,000	gasoline	removed	8/11/2000
4*	12,000	gasoline	removed	8/11/2000
(* Closed by City of Berkeley on 2/14/2013)				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: leakage from USTs and hydraulic lifts		
Site characterization complete? yes	Date Approved by Oversight Agency: 2/14/2013	
Monitoring wells installed? yes	Number: 6	Proper screened interval? yes
Highest GW Depth Below Ground Surface: 11.28 ft bgs	Lowest Depth: 4.61 ft bgs	Flow Direction: ranged from northwest to southwest, with the predominant direction to the west
Most Sensitive Current Use: municipal, industrial process, industrial service and agricultural are identified in the Basin Plan		
Most Sensitive Potential Use		

and Probability of Use : municipal, industrial process, industrial service and agricultural are identified in the Basin Plan	
Are drinking water wells affected? no	Aquifer Name: n/a
Is surface water affected? no	Nearest surface water name: San Francisco Bay
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Report(s) on file? yes	Where is report(s) filed? GeoTracker

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	4	1 waste oil tank - 11/19/1997- unknown 3 gasoline USTs -8/11/2000- Disposal (Mid-Valley Landfill)	11/19/1997 & 8/11/2000
Piping	unknown	Disposal (Mid-Valley Landfill)	8/11/2000
Free Product	400 gallon	Disposal (DeMeeno/Kerdoon in Compton CA)	8/11/2000
Soil	1,416 ton	Disposal (Forward Landfill, Manteca, CA)	8/11/2000
Groundwater	1,200 gallon	Disposal (Seaport Environmental Facility, Redwood City, CA)	8/11/2000
Barrels			

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPHg 27540-closed)	8,410	n/a	31,000	<50	TPHg (*01S0746*)	n/a	n/a	1,300	<50
Benzene (27540-closed)	3.44	n/a	5,900	<0.5	MTBE (*01S0746*)	n/a	n/a	28	6.9
Toluene (27540-closed)	136	n/a	6,500	<0.5	TPHd (*01S0746*)	n/a	n/a	1,900	410
Ethylbenzene (27540-closed)	127	n/a	620	<0.5	TPHmo (*01S0746*)	n/a	n/a	<1,900	360
Xylenes (27540-closed)	531	n/a	4,600	<0.5	Mineral oil (*01S0746*)	n/a	n/a	3,500	410
MTBE (27540-closed)	19.8	n/a	8,400	2,130	Hydraulic oil (*01S0746*	n/a	n/a	3,300	790

TPHd (27540-closed)	1,920	n/a	n/a	100	Transmission Oil (*01S0746*)	n/a	n/a	3,700	670
Lead (27540-closed)	<7.5	n/a	n/a	n/a	Jet A (*01S0746*)	n/a	n/a	470	<50

Comments (Depth of Remediation, etc.):

- GRI removed an oil/water separator in June 1992.
- GSI conducted vapor extraction tests on August 18 and November 19, 1992, using vapor extraction wells AV-1 through AV-6. Based on the results of the two tests, vapor extraction was deemed a suitable remedy based on an estimated radius of influence of 20 to 30 feet (GSI 1992c).There is no available documentation stating that recovery well AR-1 or the six vapor extraction wells were ever used for full-scale remediation purposes.
- Oxygen release compound (ORC) socks were used at wells AR-1 and A-1 through A-4 for various time periods from the third quarter 1996 to the first quarter 1997.
- Cambria removed three fiberglass USTs in August 2000 and installed new tanks.
- Cambria removed approximately 1,415 tons of soil and disposed of the soil off site in 2000 when the tanks and associated product lines were excavated.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? yes		
Does corrective action protect public health for current land use? yes		
Site Management Requirements: none		
Monitoring Wells Decommissioned: A-1	Number Decommissioned: 1	Number Retained: 5 (to be destroyed upon closure)
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Case Closure Summary Report	6/9/2010
Approval of Request for No Further Action	2/14/2013
BP414 Summary of Investigation Results	7/9/14

VI. ADDITIONAL COMMENTS, DATA, ETC.

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former USTs. In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release associated with the USTs (case #27540; City of Berkeley, 2013).

However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with the hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP). In February and March of 2013, groundwater samples were collected from the impacted well and the downgradient wells. The investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

In June 2013, the case involving the potential release associated with the hydraulic lifts was referred to the San Francisco Bay Regional Water Board (Case # 01S0746, RWQCB). The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities, ARCADIS requested case closure on behalf of BP on July 9, 2014. This case closure summary prepared by the Regional Water Board, although included prior information related to the UST releases, is intended to close investigation associated with the potential release associated with the hydraulic lifts.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco
California 94104
Tel 415 374 2744
Fax 415 374 2745
www.arcadis-us.com

ENVIRONMENT

Ms. Cheryl Prowell, PE
Water Resources Control Engineer
San Francisco Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject:
Summary of Site Characterization Activities and Results
3000 Shattuck Avenue, Berkeley, California
San Francisco Bay RWQCB Case # 01S0746

Date:
July 9, 2014

Contact:
Hollis Phillips

Phone:
415.432.6903

Email:
Hollis.Phillips@arcadis-us.com

Our ref:
GP09BPNA.C012

Dear Ms. Prowell:

On behalf of British Petroleum (BP), ARCADIS U.S., Inc. (ARCADIS) has prepared this letter to present results of additional investigation activities conducted at the U.S. Smog and Gas facility located at 3000 Shattuck Avenue Berkeley, California (Site) and summarize the current conditions of the Site.

Site Background

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former underground storage tanks (USTs). In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release case (T0600100094; City of Berkeley, 2013). However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP; City of Berkeley, 2012). Based on several lines of evidence, ARCADIS requested to be removed as a PRP (ARCADIS, 2013); however, the request was denied in July 2013 after oversight was transferred to the California Regional Water Quality Control Board (RWQCB, 2013). Following correspondence with the RWQCB, ARCADIS proceeded with investigation activities as requested in the December 2012 notice.

Investigation Activities and Results

In February and March 2014, ARCADIS conducted groundwater sampling to further characterize the nature and extent of site constituents associated with the new release. Historical data from monitoring well A-2 indicated that the carbon range distribution in the free product sample collected in 2008 most clearly resembled mineral oil; therefore, ARCADIS proposed collecting samples from monitoring wells A-2 (the impacted well) and AR-1 (the downgradient well) for analysis of petroleum hydrocarbons and mineral oil. A site plan is included as Figure 1.

On February 13 and March 10, 2014, Broadbent & Associates, Inc (BAI) mobilized to the Site for groundwater sampling activities. During the February sampling event groundwater was inadvertently only analyzed for total petroleum hydrocarbons as diesel (TPHd), including mineral and motor oil ranges (TPHmo), and TPH as gasoline (TPHg). Therefore the wells were re-sampled in March and analyzed for TPHd, mineral oil, TPHmo, TPHg, methyl-tertiary-butyl-ether (MTBE), jet fuel, and transmission oil (the same analytes as the 2008 samples). Benzene, toluene, ethylbenzene, and xylenes (BTEX) were not analyzed because they have not been detected historically in these wells.

Depth-to-water (DTW) and depth-to-product (DTP) measurements were first collected with an oil/water interface probe to assess the presence of free product. BAI staff indicated that measureable free product was not detected, and no sheen was observed at A-2 and AR-1 during sampling activities. Field data sheets are included as Attachment A.

Groundwater samples were collected using a peristaltic pump and low-flow methodology, and submitted under chain-of-custody documentation to TestAmerica, Inc. (TA) in February and Curtis and Tompkins Analytical Laboratories, Inc. (C&T) in March for analysis. TestAmerica does not analyze for hydraulic or transmission oil so the samples were analyzed by C&T during the March sampling event. The laboratory analytical reports for February and March 2014 are included as Attachment B.

During the March 2014 sampling event laboratory analytical results indicated the following:

- TPHd was detected in monitoring wells A-2 and AR-1 at concentrations of 410 micrograms per liter (µg/L) and 130 µg/L, respectively.
- TPHmo was detected in well A-2 at a concentration of 360 µg/L
- Mineral Oil was detected in well A-2 at a concentration of 410 µg/L.
- Hydraulic Oil was detected in monitoring wells A-2 and AR-1 at concentrations of 790 µg/L and 310 µg/L, respectively.
- Transmission Oil was detected in well A-2 at a concentration of 670 µg/L.
- TPHg and Jet A fuel were not detected above method reporting limits (RLs).

The February and March data were very similar and a summary, including the 2008 data, is presented in Table 1. No problems were encountered during analysis; however, results from several analyses noted that the chromatographic pattern observed in the samples did not resemble the standard solutions patterns.

Current Site Conditions and Relevant Receptors

Groundwater samples were collected to assess the current nature and extent of analytes in the vicinity of the hydraulic lifts (A-2) and downgradient along the Site boundary (AR-1). Data collected during the 2014 investigation indicate that detections of chemicals of interest (COIs) associated with the release are primarily limited to the vicinity of A-2. Concentrations of hydraulic oil and TPHd were detected in downgradient monitoring well AR-1 at low concentrations; however mineral oil, which was identified as the primary COI associated with the release, was not detected above RLs at AR-1. Detections of TPHd at AR-1 are on the same order of magnitude as concentrations detected in 2008 (100 µg/L), indicating that the plume is not increasing along the downgradient boundary and thus is not migrating off-site. In addition, concentrations of detected COIs at A-2 have all decreased by an order of magnitude since 2008, indicating there is not an ongoing source, and the area in the vicinity of the suspected source is attenuating. Overall, concentrations of COIs in source area well A-2 and downgradient well AR-1 indicate that the plume associated with the release is not migrating and is decreasing.

In addition to field activities, ARCADIS reviewed a sensitive receptor survey (SRS) previously prepared for the Site to evaluate potential exposure pathways associated with the current extent of COIs. The SRS indicates that no sensitive receptors are located within 2,000 feet downgradient of the Site (west), and the nearest surface water body (San Francisco Bay) is located approximately 8,500 feet west of the Site (ARCADIS, 2010). Based on the nature and extent of the COIs associated with the

release and the SRS, no complete exposure pathways are present and no sensitive receptors are likely to be impacted at the Site.

Conclusions

Review of current and historical data related to the release at the Site indicates that the nature and extent of COIs has been adequately characterized, and the associated plume is decreasing in size. The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities and the rationale presented herein, ARCADIS requests case closure and a NFA be granted. If you have any questions or comments, please contact Hollis Phillips by telephone at 415.432.6903 or by e-mail at Hollis.Phillips@arcadis-us.com

Sincerely,

ARCADIS U.S., Inc.

Hollis E. Phillips, PG (No. 6887)
Project Manager/ Principal Geologist

Attachments:

Table 1	Summary of Groundwater Monitoring Data
Figure 1	Site Plan
Attachment A	Field Data Sheets
Attachment B	Laboratory Analytical Reports

References:

ARCADIS U.S., Inc. (ARCADIS), 2010. Case Closure Summary Report, Former British Petroleum Station #00414, City of Berkeley Case #27540, 3000 Shattuck Avenue, Berkeley California. June 9.

ARCADIS, 2013. Unauthorized Release, 3000 Shattuck Avenue, Berkeley, California, Local Oversight Program Case No. 13-3000-SHA. February 15.

California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), 2013. Personal Communication. Electronic mail from Ms. Cheryl Prowell, RWQCB, to Ms. Hollis Phillips, ARCADIS, re: 3000 Shattuck Ave Berkeley case Nos. T1000004483 and T0600100094. July 11.

City of Berkeley, Planning and Development Department, Toxics Management Division (City of Berkeley), 2012. Unauthorized Release – Notice to Conduct an Investigation, 3000 Shattuck Avenue, Berkeley, California. December 12.

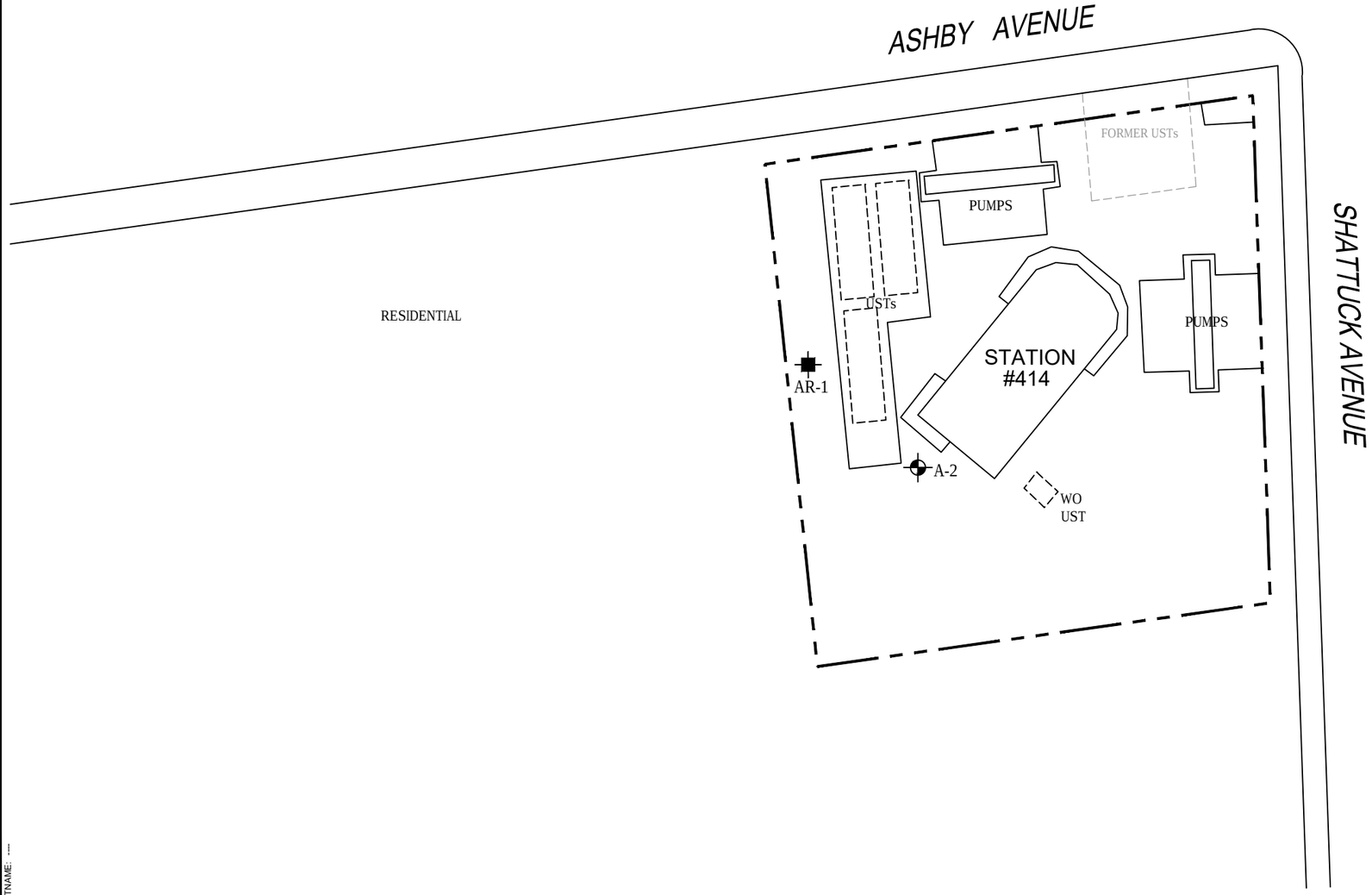
City of Berkeley 2013. Approval of Request for No Further Action, Arco #00414, Berkeley Case No 27540; RWQCB No. 01-0102, 3000 Shattuck Avenue, Berkeley, California 94702. February 14.

Copies:
GeoTracker

Table 1
Summary Of Groundwater Monitoring Data
3000 Shattuck Avenue, Berkeley, California

Well ID	Date	TPHg (µg/L)	MTBE (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Mineral Oil (µg/L)	Hydraulic Oil (µg/L)	Transmission Oil (µg/L)	Jet A (µg/L)
A-2	1/31/2008	1,300	28	1,900	<1,900	3,500	3,300	3,700	470
	2/13/2014	<50	--	270	330	350	--	--	--
	3/10/2014	<50	6.9	410 Y	360	410 Y	790 Y	670 Y	<50
AR-1	1/31/2008	<50	2.8	100	<470	--	--	--	--
	2/13/2014	<50	--	86	<100	--	--	--	--
	3/10/2014	<50	1.6	130 Y	<300	<300	310	<300	<50

Notes: TPHg - total petroleum hydrocarbons as gasoline range organics
TPHd - total petroleum hydrocarbons as diesel range organics
TPHmo - total petroleum hydrocarbons as motor oil range organics
Y - sample exhibits chromatographic pattern which does not resemble standard
µg/L - micrograms per liter



LEGEND

- MONITORING WELL
- RECOVERY WELL
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

BP FACILITY NO. 414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

S□T□□□A□

ARCADIS

FIGURE
□

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\GP09BPNAC012\Q0000\DWG\GP09BPNAC012-B01.dwg LAYOUT: 1 SAVED: 5/15/2014 6:51 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 5/15/2014 6:51 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---
GP09BPNAC012-X01

Attachment A

Field Data Sheets

BROADBENT

DAILY REPORT

Project: Arcadis 414 Project No.: 09-88-670

Field Representative(s): Alex Martinez Day: Thursday Date: 2/13/14

Time Onsite: From: 1030 To: 1200 ; From: _____ To: _____ ; From: _____ To: _____

x Signed HASP x Safety Glasses x Hard Hat x Steel Toe Boots x Safety Vest

x UST Emergency System Shut-off Switches Located x Proper Gloves

x Proper Level of Barricading ___ Other PPE (describe) _____

Weather: Partly Cloudy

Equipment In Use: Peristaltic pump, US2 meter, interface probe

Visitors: None

TIME:	WORK DESCRIPTION:
1030	Arrive onsite. Informed station operator of activities to be performed.
1040	Set up for sampling @ A-2
1120	Set up @ AR-1
1200	Completed fieldwork & offsite.

Signature: Alex Martinez

BROADBENT

GROUNDWATER MONITORING SITE SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM Elevation: _____

Formation recharge rate is historically: High Low *(circle one)*

W. L. Indicator ID #: _____ Oil/Water Interface ID #: _____ *(List #s of all equip used.)*

WELL ID RECORD					WELL GAUGING RECORD					NOTES
Well ID	Well Sampling Order	As-Built Well Diameter (inches)	As-Built Well Screen Interval (ft)	Previous Depth to Water (ft)	Time (24:00)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)*	Depth to Water (ft)	Well Total Depth (ft)	
A-2					1048	-	-	7.07	29.20	
AR-1					1125	-	-	7.03	31.60	

* Device used to measure LNAPL thickness: Bailer Oil/Water Interface Meter *(circle one)*

If bailer used, note bailer dimensions (inches): Entry Diameter _____ Chamber Diameter _____

Signature: _____

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: A-2 Start Time: - End Time: - Total Time (minutes): -

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

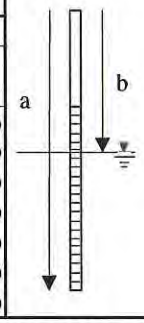
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 29.20 (ft)
Initial Depth to Water (b): 7.07 (ft)
Pump In-take Depth = b + (a-b)/2: 18.13 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.76 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or (L)	Temperature °C	pH	Conductivity µS or (mS)	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1056	0.0	18.87	7.64	0.741	3.71	152	0.0	
1058	0.5	19.35	7.09	0.735	2.31	168	0.0	
1100	1.0	19.53	6.87	0.732	2.02	179	0.0	
1102	1.5	19.64	6.76	0.731	1.93	186	0.0	
1104	2.0	19.73	6.69	0.730	1.86	193	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.97 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: A-2 Sample Collection Time: 1105 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: AR-1 Start Time: — End Time: — Total Time (minutes): —

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

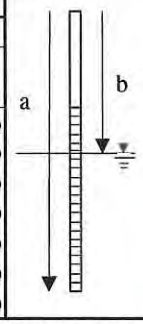
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 31.60 (ft)
Initial Depth to Water (b): 7.03 (ft)
Pump In-take Depth = b + (a-b)/2: 19.51 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.94 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or L	Temperature °C	pH	Conductivity µS or mS	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1132	0.0	21.13	6.41	0.498	3.52	29	82.4	
1134	0.5	20.77	6.60	0.506	1.51	-136	8.1	
1136	1.0	20.61	6.73	0.505	1.33	-162	0.0	
1138	1.5	20.52	6.78	0.508	1.27	-171	0.0	
1140	2.0	20.50	6.84	0.509	1.22	-179	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.35 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: AR-1 Sample Collection Time: 1145 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	_____ of _____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) _____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	AQ	2								On Hold

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	[illegible]	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Attachment B

Laboratory Analytical Reports

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 254253
ANALYTICAL REPORT

Arcadis	Project : ARCADIS 414
2000 Powell St.	
Emeryville, CA 94608	Level : II

Sample ID	Lab ID
A-2	254253-001
AR-1	254253-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 03/18/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**254253**
Client:	**Arcadis**
Project:	**ARCADIS 414**
Request Date:	**03/10/14**
Samples Received:	**03/10/14**

This data package contains sample and QC results for two water samples, requested for the above referenced project on 03/10/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

CHAIN OF CUSTODY

Chain of Custody # : _____

C&T LOGIN # 254353

Project No:

Project Name: Arcadis 414

EDD Format: _____ **Rpt Level:** II III IV

Turnaround Time: ☐ RUSH _____ ☑ Standard

Sampler: Alex Martinez

Report To: Kristene Tidwell

Company : Broadbent & Associates, Inc

Telephone: 707-455-7290

Email: ktidwell@broadbentinc.com

Lab No.	Sample ID.	Sampling		Matrix				# of Containers	Chemical Preservative					Analytical Request														
		Date	Time	Water	Soil				HCl	H_2SO_4	HNO_3	NaOH	None	TPHg	TPHd	MTBE	Mineral Oil	Transmission Oil	Hydraulic Oil	Jet-A								
1	A-2	3/10/2014	1225	x				5	3				2	x	x	x	x	x	x	x								
2	AR-1	3/10/2014	1255	x				5	3				2	x	x	x	x	x	x	x								

Notes:

This sampling event was conducted for Arcadis U.S., Inc.
Please send results to Hollis Phillips of Arcadis.

SAMPLE RECEIPT
☐ Intact ☐ Cold
☑ On Ice ☐ Ambient

RELINQUISHED BY:

3/10/14 1335 _____ DATE/TIME

DATE/TIME

DATE/TIME

RECEIVED BY:

Pat Dempsey 3/10/14 1335 DATE/TIME

DATE/TIME

DATE/TIME

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 254253 Date Received 3/10/14 Number of coolers 1
Client BROADBENT Project ARCADIS 414

Date Opened 3/10/14 By (print) IR (sign) Ina Raikai
Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
   Shipping info _____
2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe) _____

☒ Bubble Wrap ☐ Foam blocks ☐ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) _____

☒ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
   If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are there any missing / extra samples? _____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
12. Are sample labels present, in good condition and complete? _____ (YES) NO
13. Do the sample labels agree with custody papers? _____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
15. Are the samples appropriately preserved? _____ YES NO (N/A)
16. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)
17. Did you document your preservative check? _____ YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? _____ (YES) NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES (NO)
   If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____

_____

_____

_____

_____

_____

Rev 10; 11/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208851		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	77-128

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	127	77-128

Type: BLANK Lab ID: QC731206

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	77-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC731205	Batch#:	208851
Matrix:	Water	Analyzed:	03/11/14
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	932.8	93	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	77-128

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Prepared:	03/12/14
Batch#:	208898	Analyzed:	03/13/14

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	410 Y	50
Motor Oil C24-C36	360	300
Hydraulic Fluid, C12-40	790 Y	300
Transmission Fluid: C10-C40	670 Y	300
Mineral Oil C12-C40	410 Y	300

Surrogate	%REC	Limits
o-Terphenyl	93	66-129

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	130 Y	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	310	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	92	66-129

Type: BLANK Lab ID: QC731404

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	ND	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	101	66-129

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208898
Units:	ug/L	Prepared:	03/12/14
Diln Fac:	1.000	Analyzed:	03/13/14

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC731405

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,631	65	61-120

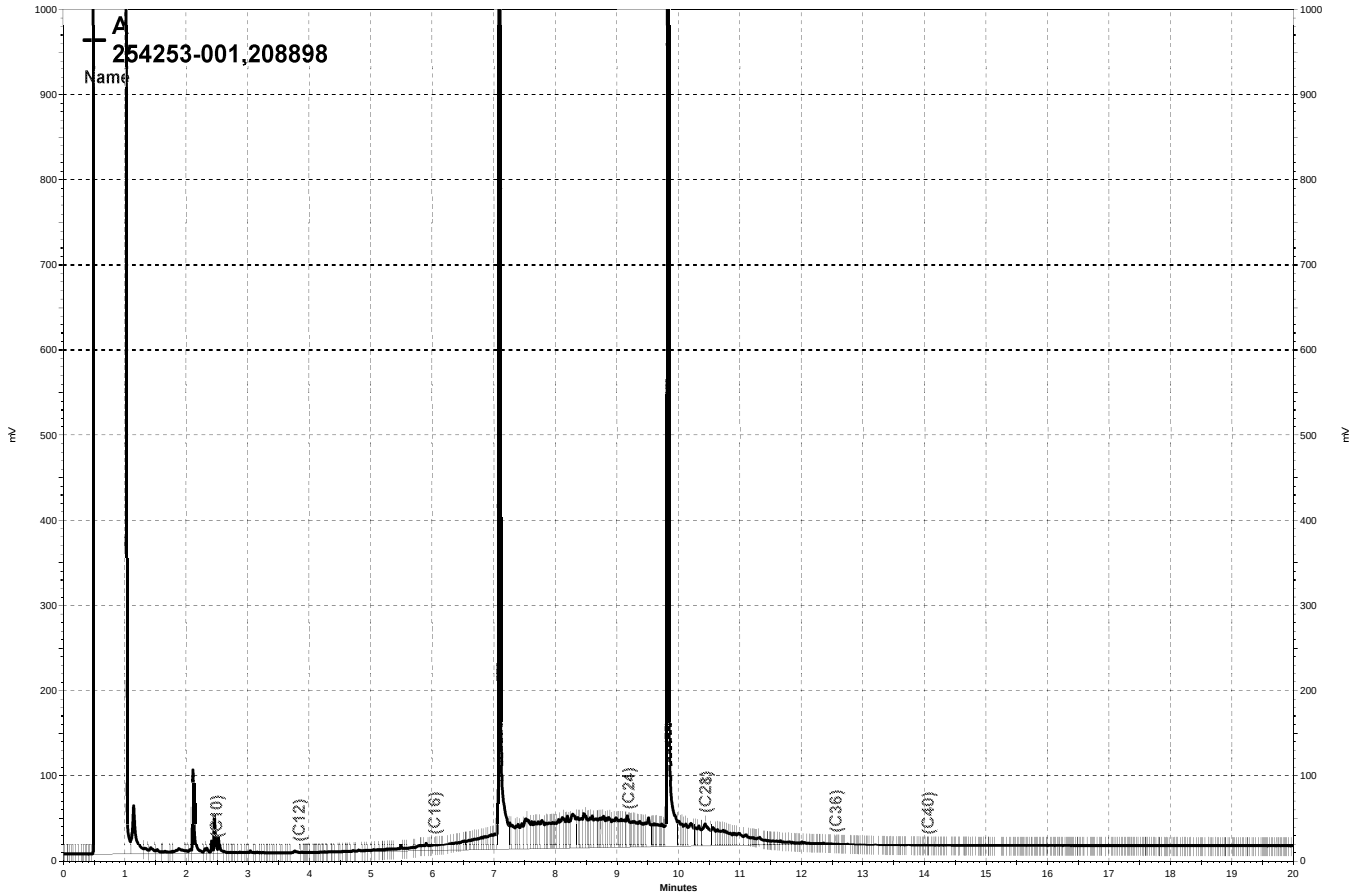
Surrogate	%REC	Limits
o-Terphenyl	98	66-129

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC731406

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	1,695	68	61-120	4	45

Surrogate	%REC	Limits
o-Terphenyl	100	66-129

RPD= Relative Percent Difference



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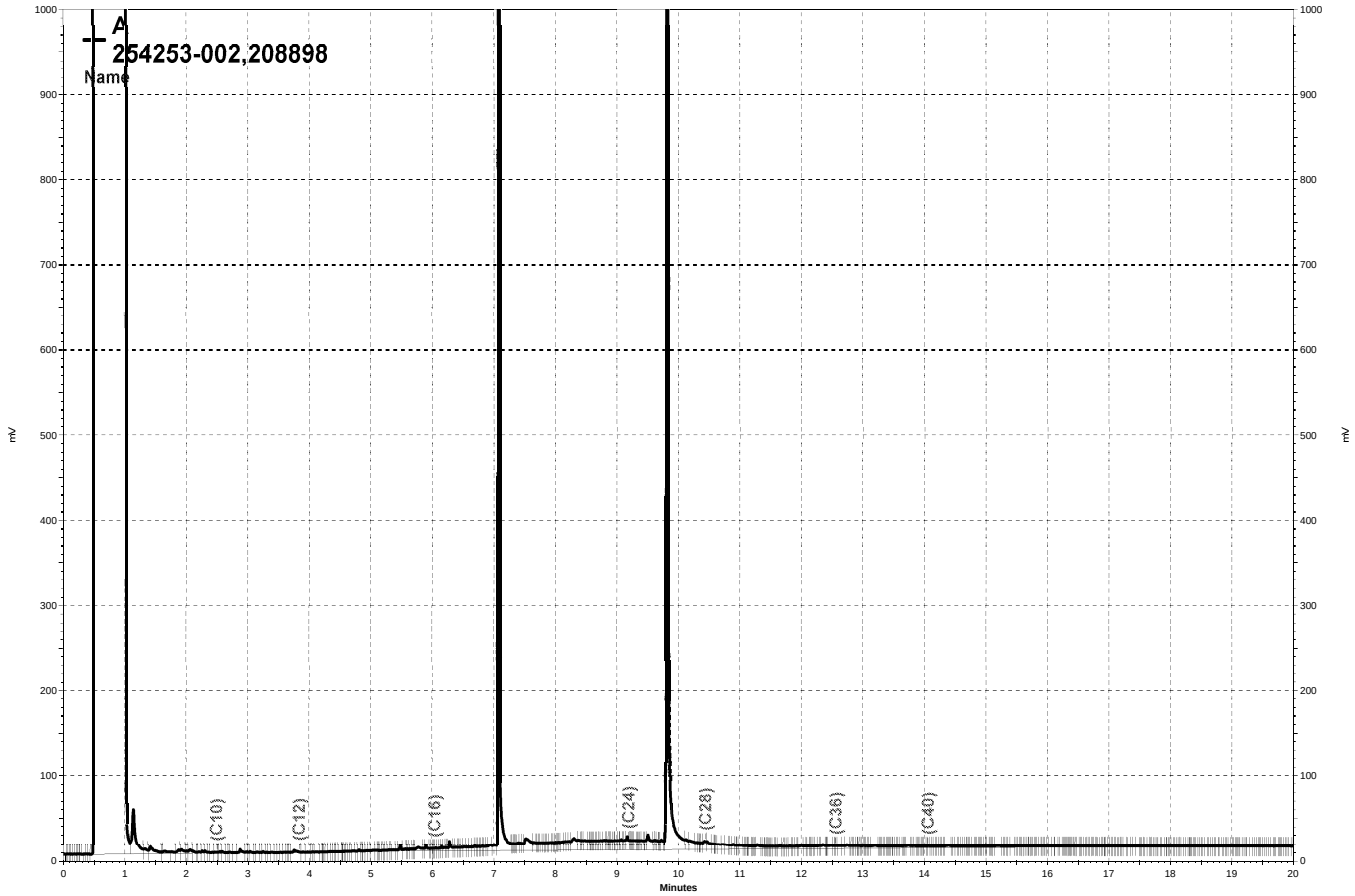

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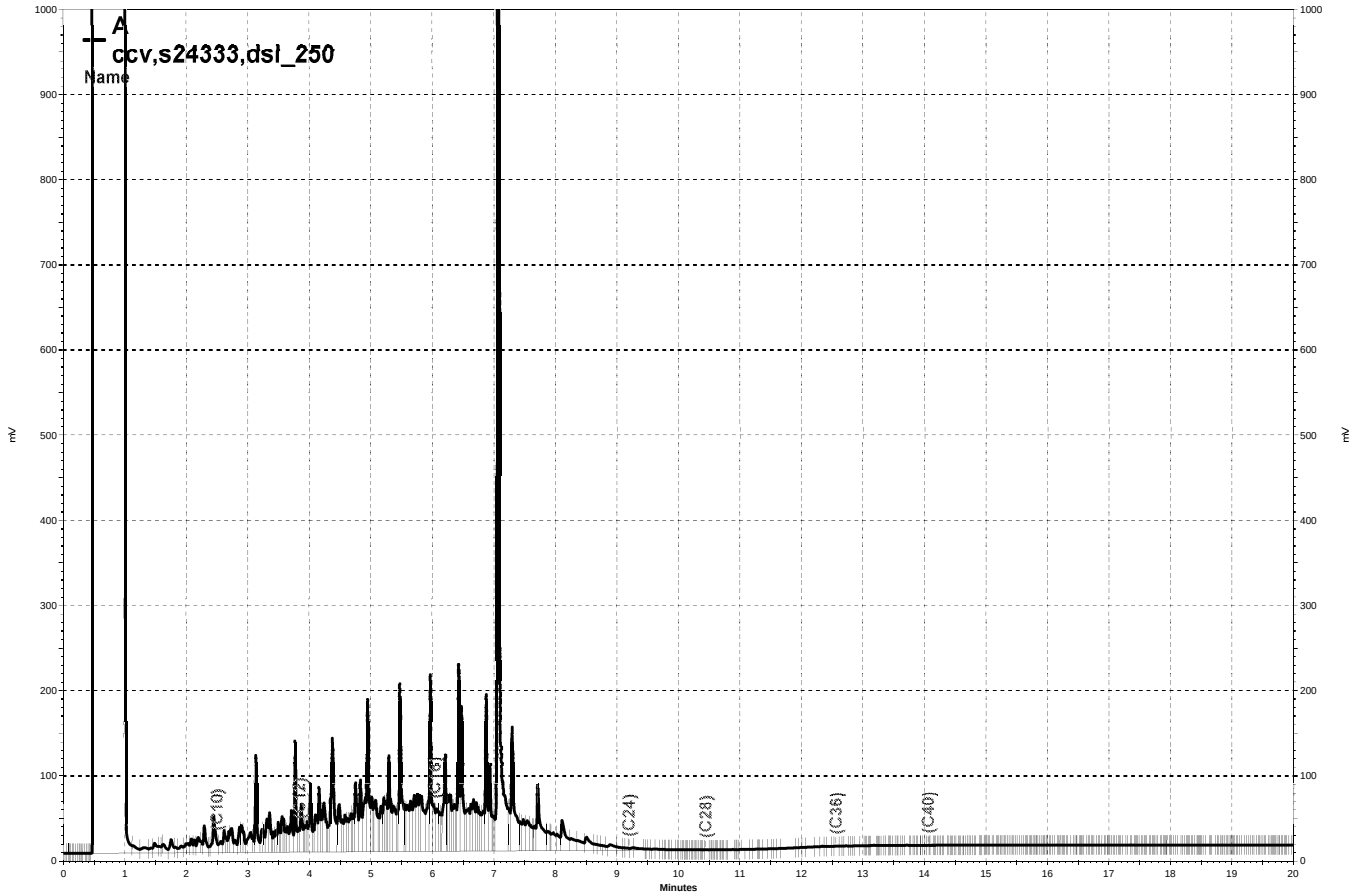

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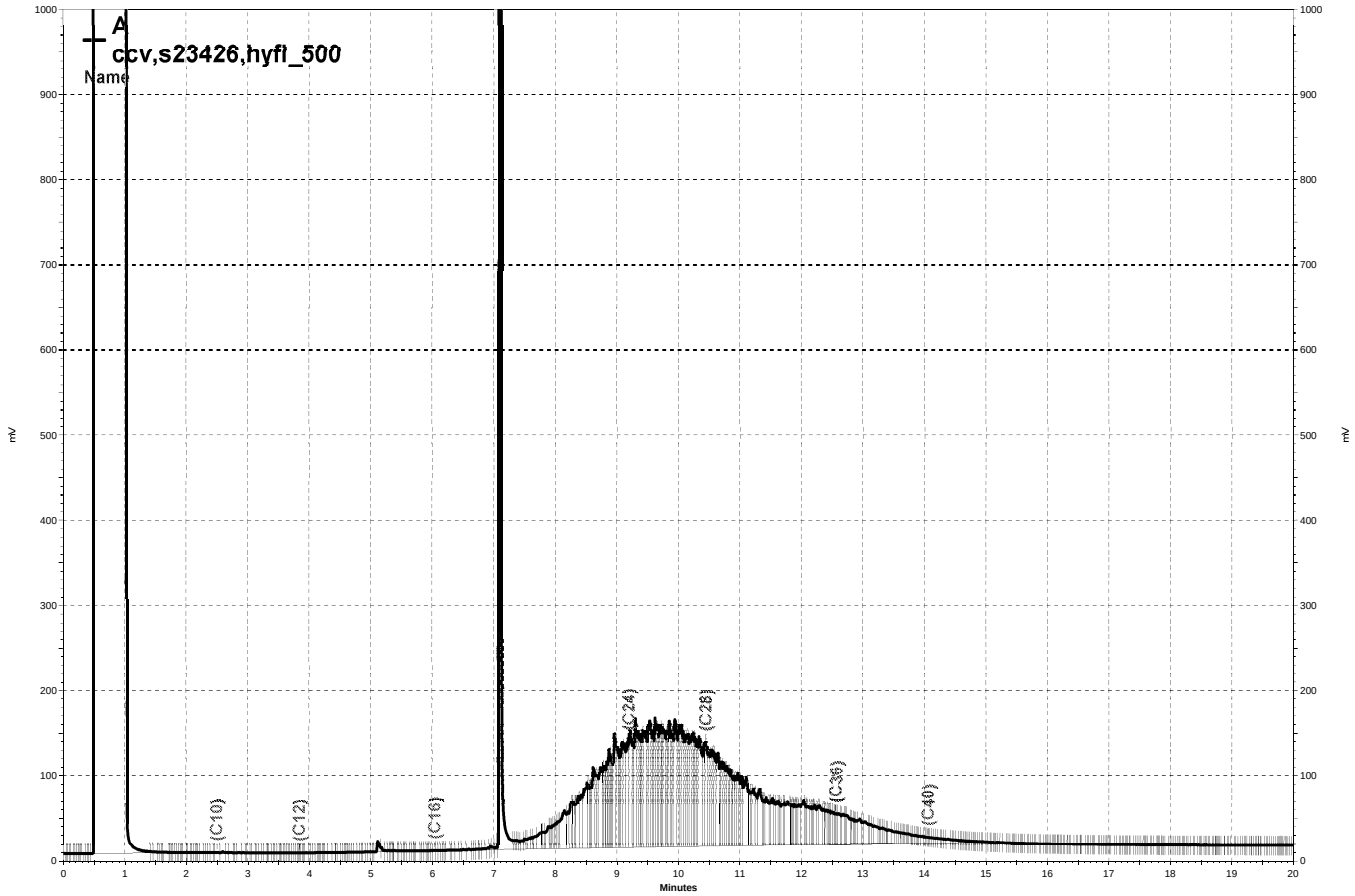

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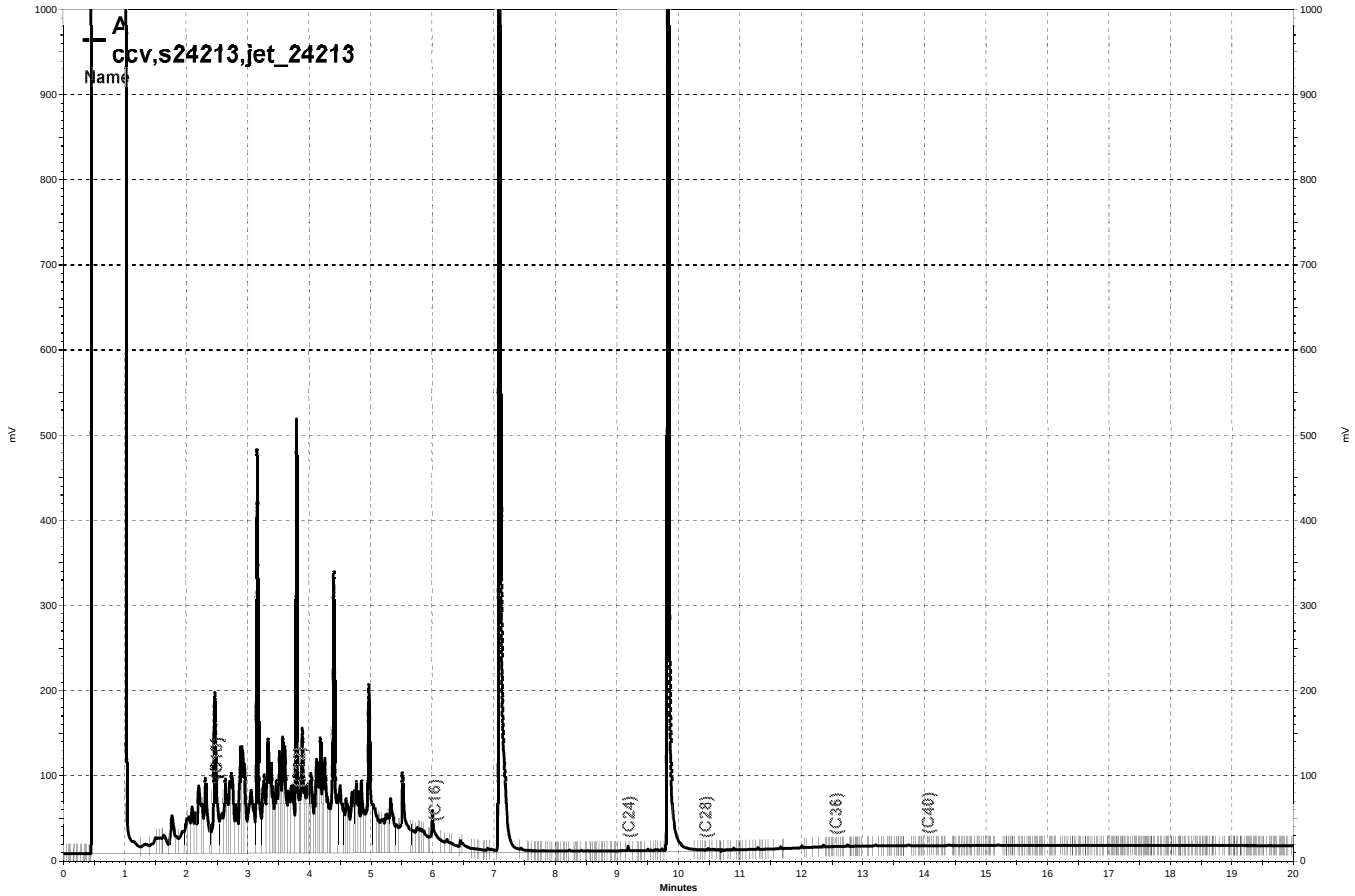

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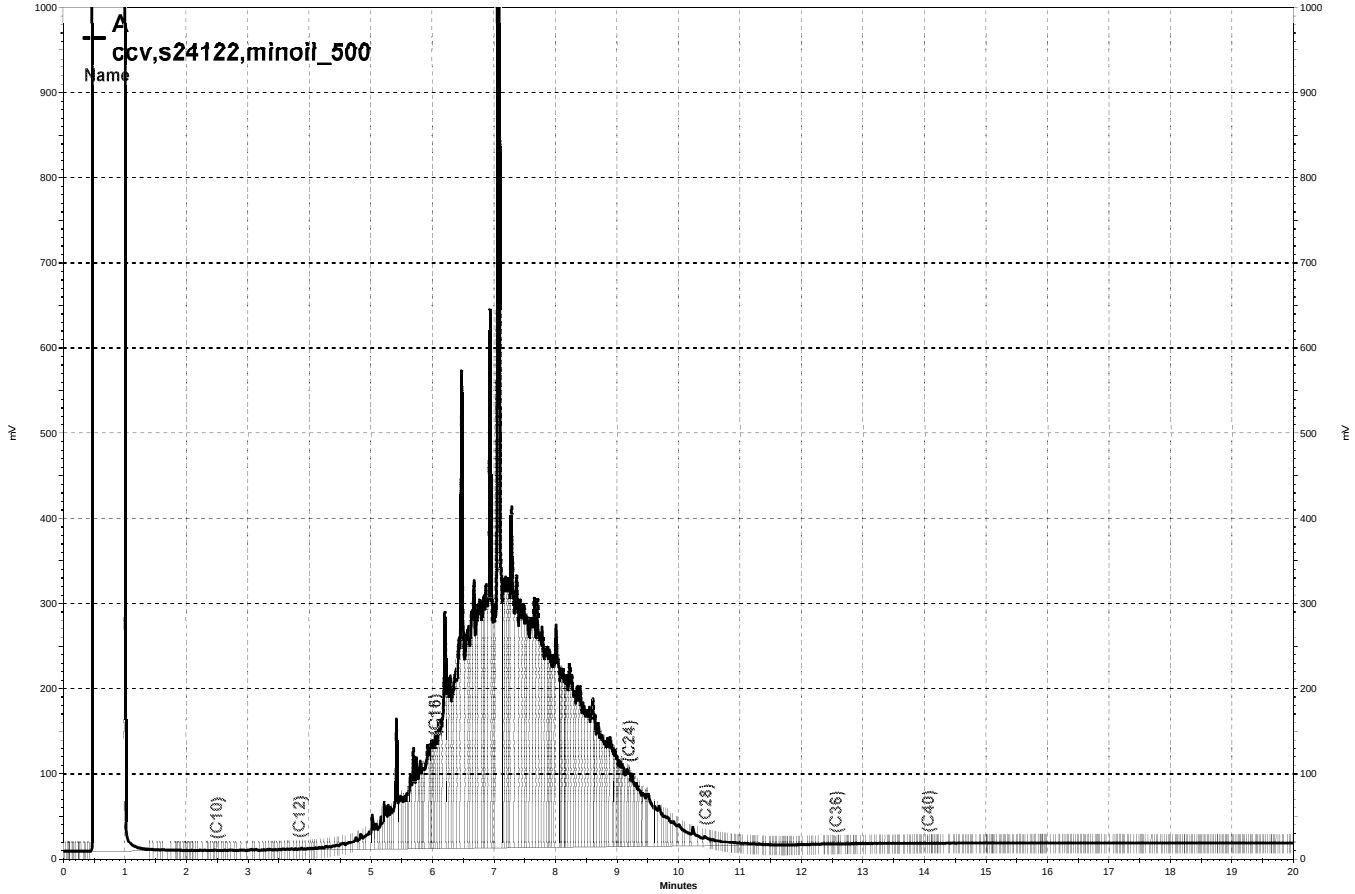

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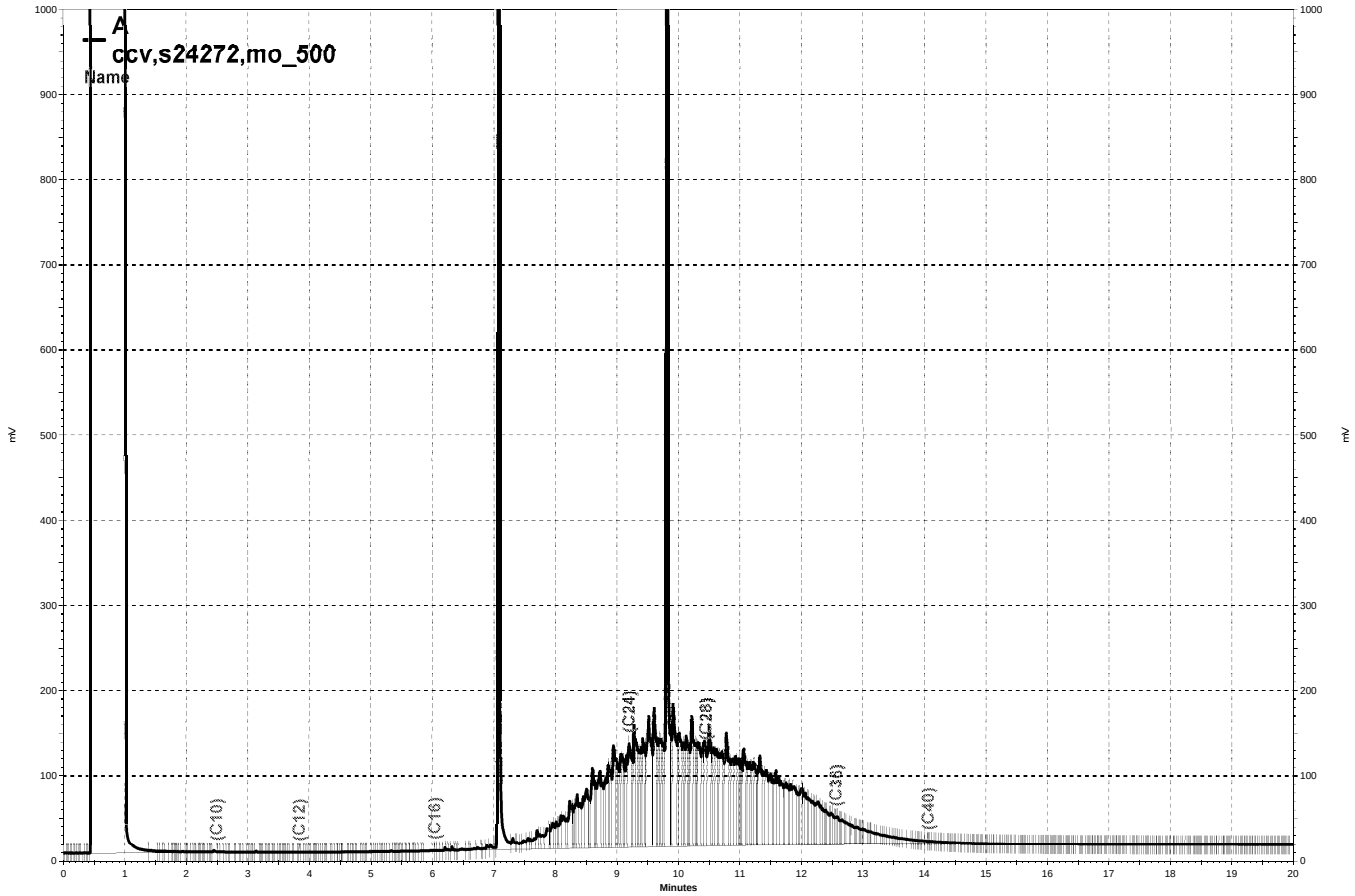

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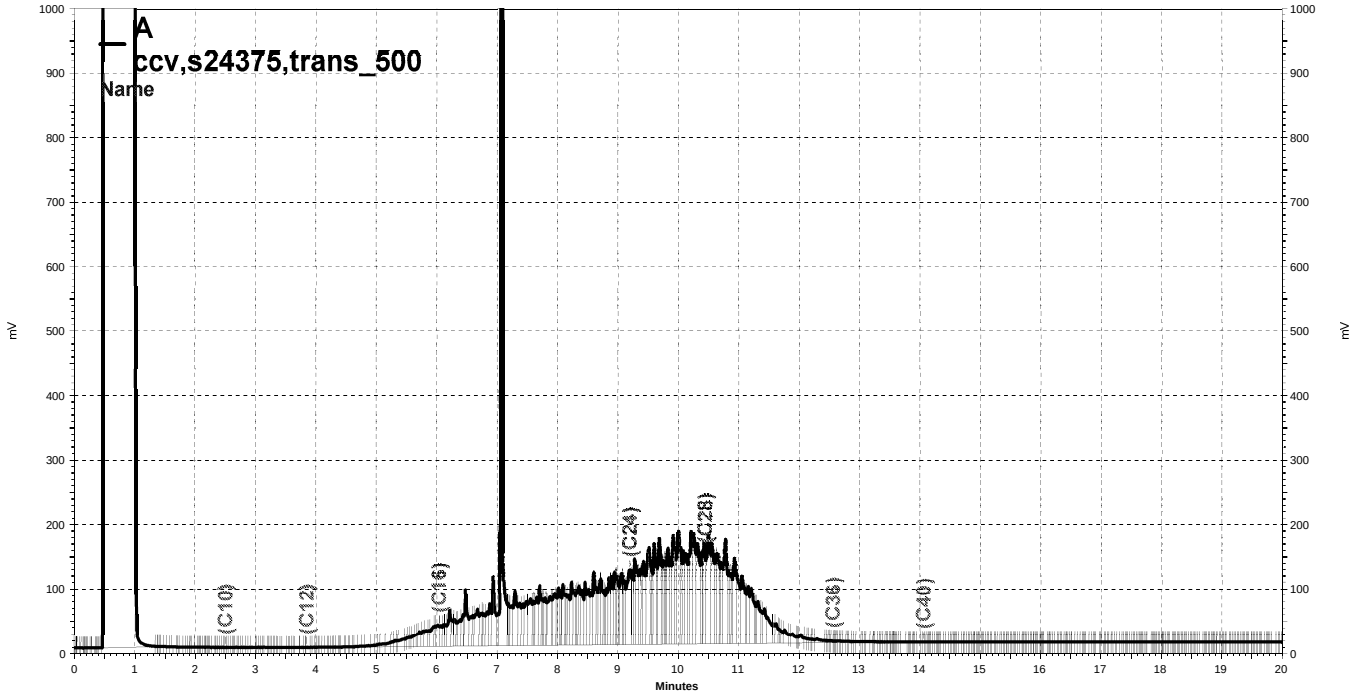

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Curtis & Tompkins, Ltd.

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208824		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
MTBE	6.9	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
MTBE	1.6	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	77-136

Type: BLANK Lab ID: QC731100

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	77-136

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208824
Units:	ug/L	Analyzed:	03/11/14
Diln Fac:	1.000		

Type: BS Lab ID: QC731098

Analyte	Spiked	Result	%REC	Limits
MTBE	12.50	11.44	92	64-121

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Type: BSD Lab ID: QC731099

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	12.50	11.93	95	64-121	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	77-136

RPD= Relative Percent Difference

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

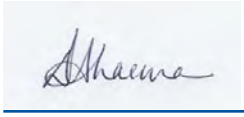
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-55527-1
Client Project/Site: BP #414, Berkeley

For:
ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco, California 94104

Attn: Hollis Phillips



Authorized for release by:
2/19/2014 4:37:44 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
QC Sample Results 8
QC Association Summary 10
Lab Chronicle 11
Certification Summary 12
Method Summary 13
Sample Summary 14
Chain of Custody 15
Receipt Checklists 16

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55527-1

Comments
No additional comments.

Receipt
The samples were received on 2/13/2014 12:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2 — Lab Sample ID: 720-55527-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	270		53		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	330		110		ug/L	1		8015B	Total/NA
Mineral oil	350		110		ug/L	1		8015B	Total/NA

Client Sample ID: AR-1 — Lab Sample ID: 720-55527-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	86		51		ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2
Date Collected: 02/13/14 11:05
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 06:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*72 - 130*		*02/15/14 06:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 06:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**270**		53		ug/L		02/18/14 09:41	02/18/14 18:15	1
Motor Oil Range Organics [C24-C36]	**330**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1
Mineral oil	**350**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*72*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:15*	*1*

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: AR-1
Date Collected: 02/13/14 11:45
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 07:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*		*02/15/14 07:24*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 07:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**86**		51		ug/L		02/18/14 09:41	02/18/14 18:39	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/18/14 09:41	02/18/14 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*70*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:39*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-153588/4
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/14/14 20:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*02/14/14 20:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*72 - 130*		*02/14/14 20:53*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/14/14 20:53*	*1*

Lab Sample ID: LCS 720-153588/7
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C12			500	445		ug/L		89	58 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*77*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-153588/8
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C12			500	455		ug/L		91	58 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*76*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-153744/1-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 153744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/18/14 09:41	02/18/14 20:16	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1
Mineral oil	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*81*		*23 - 156*	*02/18/14 09:41*	*02/18/14 20:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-153744/2-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*77*		*23 - 156*

Lab Sample ID: LCSD 720-153744/3-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*82*		*23 - 156*

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

GC/MS VOA

Analysis Batch: 153588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55527-2	AR-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153588/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153588/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-153588/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Analysis Batch: 153726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8015B	153744
720-55527-2	AR-1	Total/NA	Water	8015B	153744
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	8015B	153744
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	153744
MB 720-153744/1-A	Method Blank	Total/NA	Water	8015B	153744

Prep Batch: 153744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	3510C	
720-55527-2	AR-1	Total/NA	Water	3510C	
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-153744/1-A	Method Blank	Total/NA	Water	3510C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2

Lab Sample ID: 720-55527-1

Date Collected: 02/13/14 11:05

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 06:55	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:15	JL	TAL PLS

Client Sample ID: AR-1

Lab Sample ID: 720-55527-2

Date Collected: 02/13/14 11:45

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 07:24	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:39	JL	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-55527-1	A-2	Water	02/13/14 11:05	02/13/14 12:45
720-55527-2	AR-1	Water	02/13/14 11:45	02/13/14 12:45

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-55527

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

151846

TestAmerica Laboratories, Inc.

2/19/2014

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	____ of ____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) ____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	Aq	2								On Hold

720-55527 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* *Archive For* ____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	Kristene M	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 720-55527-1

Login Number: 55527

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Environmental Compliance Training Checklist

Employee Training Record

for CAMONT HENDERSON

Date: 11-9-93
Emp. Init:

☐ **Hazard Communication (HazCom) Compliance Kit**

Location of kit, when and how to use it, training requirements, MSDS, hazardous chemical inventory, workplace labeling, contractor requirements, community right-to-know, Prop. 65 (California only), approved containers, emergency response (Business Response Plan), earthquake response

Date: 11-9-93
Emp. Init:

☐ **Physical and health hazards**

What a physical hazard is, what is a health hazard is, and the difference

Date: 11-9-93
Emp. Init:

☐ **Working in the presence of hazardous substances**

Precautions, slips, falls, flammability, health and physical hazards

Date: 11-9-
Emp. Init:

☐ **Material Safety Data Sheets (MSDS)**

MSDS origin and contents of MSDS, how to use MSDS for work and emergency situations

Date: 11-9-93
Emp. Init:

☐ **Detecting the presence or release of hazardous chemicals**

Odors and visual signs, alarms

Date: 11-9-93
Emp. Init:

☐ **Protective measures**

Workplace precautions, skin protection, breathing, eye protection, ingestion

Date: 11-9-93
Emp. Init:

☑ **Emergency procedures**

Controllable releases, large releases, emergency shut-offs for pumps, fires, earthquakes, facility evacuation

The above employee has completed all phases of the Environmental Compliance Training Checklist.

11-9-93
Date

T. Brand
Dealer's signature

Environmental Compliance Training Checklist

Employee Training Record

for Gary Allen

Date: GE 11-9-93 ☐ **Hazard Communication (HazCom) Compliance Kit**

Emp. Init: _____

Location of kit, when and how to use it, training requirements, MSDS, hazardous chemical inventory, workplace labeling, contractor requirements, community right-to-know, Prop. 65 (California only), approved containers, emergency response (Business Response Plan), earthquake response

Date: GE ☐ **Physical and health hazards**

Emp. Init: 11-9-93

What a physical hazard is, what is a health hazard is, and the difference

Date: 11-9-93 ☐ **Working in the presence of hazardous substances**

Emp. Init: GE

Precautions, slips, falls, flammability, health and physical hazards

Date: 11-9-93 ☐ **Material Safety Data Sheets (MSDS)**

Emp. Init: GE

MSDS origin and contents of MSDS, how to use MSDS for work and emergency situations

Date: 11-9-93 ☐ **Detecting the presence or release of hazardous chemicals**

Emp. Init: GE

Odors and visual signs, alarms

Date: 11-9-93 ☐ **Protective measures**

Emp. Init: GE

Workplace precautions, skin protection, breathing, eye protection, ingestion

Date: 11-9-93 ☐ **Emergency procedures**

Emp. Init: GE

Controllable releases, large releases, emergency shut-offs for pumps, fires, earthquakes, facility evacuation

The above employee has completed all phases of the Environmental Compliance Training Checklist.

11-9-93
Date

G. Brand
Dealer's signature

Environmental Compliance Training Checklist

Employee Training Record

for JASPAL SINGH

Date: 11-9-93
Emp. Init: JS

☐ **Hazard Communication (HazCom) Compliance Kit**

Location of kit, when and how to use it, training requirements, MSDS, hazardous chemical inventory, workplace labeling, contractor requirements, community right-to-know, Prop. 65 (California only), approved containers, emergency response (Business Response Plan), earthquake response

Date: 11-9-93
Emp. Init: JS

☐ **Physical and health hazards**

What a physical hazard is, what is a health hazard is, and the difference

Date: 11-9-93
Emp. Init: JS

☐ **Working in the presence of hazardous substances**

Precautions, slips, falls, flammability, health and physical hazards

Date: 11-9-93
Emp. Init: JS

☐ **Material Safety Data Sheets (MSDS)**

MSDS origin and contents of MSDS, how to use MSDS for work and emergency situations

Date: 11-9-93
Emp. Init: JS

☐ **Detecting the presence or release of hazardous chemicals**

Odors and visual signs, alarms

Date: 11-9-93
Emp. Init: JS

☐ **Protective measures**

Workplace precautions, skin protection, breathing, eye protection, ingestion

Date: 11-9-93
Emp. Init: JS

☐ **Emergency procedures**

Controllable releases, large releases, emergency shut-offs for pumps, fires, earthquakes, facility evacuation

The above employee has completed all phases of the Environmental Compliance Training Checklist.

11-09-93
Date

G. Mand
Dealer's signature

Environmental Compliance Training Checklist

Employee Training Record

for Job Shem

Date: 11-9-93
Emp. Init: J. S

☐ **Hazard Communication (HazCom) Compliance Kit**

Location of kit, when and how to use it, training requirements, MSDS, hazardous chemical inventory, workplace labeling, contractor requirements, community right-to-know, Prop. 65 (California only), approved containers, emergency response (Business Response Plan), earthquake response

Date: 11-9-93
Emp. Init: J. S.

☐ **Physical and health hazards**

What a physical hazard is, what is a health hazard is, and the difference

Date: 11-9-93
Emp. Init: J. S

☐ **Working in the presence of hazardous substances**

Precautions, slips, falls, flammability, health and physical hazards

Date: 11-9-93
Emp. Init: J-S.

☐ **Material Safety Data Sheets (MSDS)**

MSDS origin and contents of MSDS, how to use MSDS for work and emergency situations

Date: 11-9-93
Emp. Init: J. S.

☐ **Detecting the presence or release of hazardous chemicals**

Odors and visual signs, alarms

Date: 11-9-93
Emp. Init: J. S

☐ **Protective measures**

Workplace precautions, skin protection, breathing, eye protection, ingestion

Date: 11-9-93
Emp. Init: J. S.

☐ **Emergency procedures**

Controllable releases, large releases, emergency shut-offs for pumps, fires, earthquakes, facility evacuation

The above employee has completed all phases of the Environmental Compliance Training Checklist.

11-9-93
Date

T. Shem
Dealer's signature

Roadrunner Maintenance, Inc.
1310 Rockefeller Drive
Suite C
CERES, Ca 95307

To: Arco Products Co.
17315 Studebaker Rd.
Cerritos, CA 90702
ATTN: Judy Mason

Sunject: Station 414 Berkeley

On 10-27-93 we were called out to check a leaking hoist. All we found was some water around the hoist. We found no oil. We cleaned up the water and still found no oil.

If you have any questions or need any more information please call us at (510) 816-1954.

Thank you,

Martin Basques

ARCO Products Company
Division of Atlantic Richfield Company

Annual Environmental Facility Inspection

Retail Marketing

Address	2200 S Hatfield Bakersfield CA	Inspector	Scott VanCouvenberg	Date	4-27-93	Fac. #	414

I Dispenser/Pump	Leak	No leak	Repaired	Y/N
Piping		✓		
Check Valve		✓		
Hoses See #1		✓		
Nozzles		✓		
Fittings		✓		
Impact Valve Operational (Y/N)				Y
Filter Warning Signs (Y/N)				Y

II Tanks				
Piping				
Fills Tagged (Y/N)				Y
Fill Boxes Free of Dirt, Debris, Water (Y/N)				Y
Fill Box Drain Valve, Operational (if present) (Y/N)				Y
Vapor Recovery Fittings		✓		
Submerged Pumps		✓		
Turbine Relays Operational (Y/N)	See #2			Y
Fill Drop Tubes (Y/N)				Y
Top of 45° Taper < 8" fr Tank Bottom (Y/N)				Y

III Leak Detectors	Leak	No leak	Repaired	Y/N
Housing		✓		
Test		✓		
Sealed (Y/N)				Y
Proper Clearance to Lid				N

IV Compliance Monitoring Wells				
Caps Secured & Locked (Y/N)				Y
Box Covers Fit Properly (Y/N)				Y

V Visual Premises Check				
Electronic Tank Monitors Operational (Y/N)				N/A
Emergency Pump Shut Off Switch Operational (Y/N)				Y
Check for Evidence of Spills:				
Low Spots Around Facility Property				N
Landscaped Area				N
Nearby Ditches, Creeks, Etc.				N

VI Dealer/Franchisee – Ask If				
Any leaks reported within past year (Y/N)				N
Any spills reported within past year (Y/N)				N

Note: All discovered leaks are to be reported by phone to ARCO Maintenance prior to leaving the facility.

Overfill Protection (Y/N)	Y	Y	Y/N/A	
Bottom of Tank to Grade	S 143	U#1 135 1/2	U#2 122 1/2	U#3

Length of Drop Tube	S 36 1/2	U#1 33 1/2	U#2 122 1/2	U#3

MGX

Comments:

#1 Vapor Recovery coaxial hose. #4 has holes in it

#3 Turbine Relay for Midgrade stages closed

Inspectors Signature

Environmental Compliance Training Checklist

Employee Training Record

for MUKHINDER SINGH SANDHU

Date: 11-9-93
Emp. Init: MS

☐ **Hazard Communication (HazCom) Compliance Kit**

Location of kit, when and how to use it, training requirements, MSDS, hazardous chemical inventory, workplace labeling, contractor requirements, community right-to-know, Prop. 65 (California only), approved containers, emergency response (Business Response Plan), earthquake response

Date: 11-9-93
Emp. Init: MS

☐ **Physical and health hazards**

What a physical hazard is, what is a health hazard is, and the difference

Date: 11-9-93
Emp. Init: MS

☐ **Working in the presence of hazardous substances**

Precautions, slips, falls, flammability, health and physical hazards

Date: 11-9-93
Emp. Init: MS

☐ **Material Safety Data Sheets (MSDS)**

MSDS origin and contents of MSDS, how to use MSDS for work and emergency situations

Date: 11-9-93
Emp. Init: MS

☐ **Detecting the presence or release of hazardous chemicals**

Odors and visual signs, alarms

Date: 11-9-93
Emp. Init: MS

☐ **Protective measures**

Workplace precautions, skin protection, breathing, eye protection, ingestion

Date: 11-9-93
Emp. Init: MS

☐ **Emergency procedures**

Controllable releases, large releases, emergency shut-offs for pumps, fires, earthquakes, facility evacuation

The above employee has completed all phases of the Environmental Compliance Training Checklist.

11-9-93
Date

P. Anand
Dealer's signature

CAMBRIA

RECEIVED
DEC 27 2000
BY:

December 12, 2000

Dr. Nabil Al-Hadithy
City of Berkeley
Toxic Management Division
2118 Milvia Street, Suite 200
Moraga, California 94570

Re: **Underground Storage Tank and Piping Removal Report**
ARCO Service Station No. 0414
3000 Shattuck Avenue
Berkeley, California
Cambria Project #436-1640

Dear Dr. Al-Hadithy:

On behalf of ARCO, Cambria Environmental Technology, Inc. (Cambria) has prepared this Underground Storage Tank (UST) and Piping Removal Report for the above referenced site. This report details Cambria's oversight of the removal of the three USTs and associated piping by Petcon Technologies, Inc. of Torrance, California between August 11 and August 24, 2000. The UST, piping, and dispenser compliance sampling was performed in accordance with the State of California Regional Water Quality Control Board guideline.

Please call me if you have questions.

Sincerely,
Cambria Environmental Technology, Inc.

Darryk Ataide, REA
Senior Project Manager

Attachment: Underground Storage Tank and Piping Removal Report

cc: Mr. John Kaiser, RWQCB – S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
Mr. Paul Supple, ARCO, PO Box 6549, Moraga, CA 94570

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CAMBRIA

Underground Storage Tank and Piping Removal Report

Arco Service Station 0414
3000 Shattuck Ave
Berkeley, California
Cambria Project #436-1640

Prepared For:

Mr. Paul Supple
ARCO

December 12, 2000

Prepared By:

Cambria Environmental Technology, Inc.
1144 65th St., Suite B
Oakland, California 94608

REGISTERED GEOLOGIST • RONALD A. SCHEELE • No. 6842 • STATE OF CALIFORNIA

Written by:

Jason D. Olson
Staff Environmental Scientist

Ron Scheele, R.G.
Senior Project Manager

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

Cambria Environmental Technology, Inc.

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CAMBRIA

Underground Storage Tank and Piping Removal Report

Arco Service Station 0414
3000 Shattuck Ave
Berkeley, California
Cambria Project #436-1640

December 12, 2000

INTRODUCTION

On behalf of ARCO, Cambria Environmental Technology, Inc. (Cambria) has prepared this Underground Storage Tank (UST) and Piping Removal Report for the above referenced site. This report details Cambria's oversight of the removal of the three USTs and associated piping by Petcon Technologies, Inc. (Petcon) of Torrance, California between August 11 and August 24, 2000. The UST, piping, and dispenser compliance sampling was performed in accordance with the State of California Regional Water Quality Control Board's *Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites* dated August 10, 1990.

SITE BACKGROUND

Site Description: The site is located at 3000 Shattuck Avenue on the southwest corner of the intersection of Shattuck and Ashby Avenues in Berkeley, California (see Figure 1). The site is occupied by an active ARCO service station consisting of three gasoline USTs, two gasoline dispenser islands, a waste oil UST, and a station building with two service bays (see Figure 2).

Site Hydrogeology: The site is located approximately 2 miles east of the San Francisco Bay in central Berkeley. The topography surrounding the site generally slopes towards the west and northwest at an elevation of about 140 feet above mean sea level. Based on previous investigations, the lithology beneath the site consists of clay, sand, sandy clay, and gravelly clay to a total explored depth of 30 feet below grade (fbg). Static groundwater is at approximately 8 fbg. Based on previous quarterly monitoring events, groundwater flow at the site is generally towards the west, but has occasionally flowed towards the northwest and southwest.

TANK REMOVAL ACTIVITIES

On August 11, 2000, Petcon removed three 12,000-gallon fiberglass USTs from the site (see Figure 2). Dr. Nabil Al-Hadithy of the City of Berkeley, Toxic Management Division (BTMD) observed the removal events. No leaks were identified in the USTs during removal activities. The excavation area is shown in Figure 3.

Upon removal of the three USTs, free product was observed in the UST excavation area. Under the direction of BTMD regulator Dr. Al-Hadithy, Cambria coordinated the removal and disposal of all free product that entered the UST excavation area.

During tank removal activities, well A-1 was sheered off by the construction contractor 15 fbg. Cambria subsequently filled the remaining casing with neat cement to ensure the well does not serve as a vertical conduit.

OVER-EXCAVATION ACTIVITIES

UST Excavation Area: At the request of BTMD regulator Dr. Al-Hadithy, soil and pea-gravel was over-excavated from the UST tank pit area to expose the native soil (see Figure 3). After exposing the native soil, soil samples were collected.

Dispenser Islands and Product Piping: At the request of BTMD regulator Mr. Geoffery Fiedler, the northernmost dispenser island area was over-excavated. The over-excavated area encompassed an 8 by 11 ft area and extended 2 feet below native soil (Figure 3). The product piping trenches were also over-excavated down to 2 ft below native soil. Soil samples were collected following these over-excavation activities.

A total of approximately 1,416 tons of soil was over-excavated from the UST tank pit, northernmost dispenser island, and product piping trenches.

COMPLIANCE SOIL SAMPLING ACTIVITIES

Sampling Procedures and Handling: All sampling was performed in accordance with Cambria's *Standard UST Excavation Sampling Procedures*, and Cambria's *Standard Piping and Dispenser Removal Sampling Procedures*, presented in Appendixes A and B, respectively. The samples were placed into an iced cooler and delivered under standard chain-of-custody procedures to Sequoia Analytical Labs, Inc., a state-certified laboratory.

UST Removal Compliance Sampling: On August 15 and 16, Cambria performed soil sampling beneath the former USTs and along the sidewalls of the UST excavation area, under the supervision of BTMD regulator Ms. Meridith Lear. Soil samples EX-1 through EX-4, EX-6, and EX-7 were collected from beneath the northernmost USTs at approximately 17 feet below grade (fbg). Soil samples EX-8, EX-9, and EX-11 were collected from beneath the southernmost UST at depths of 17 fbg, 17 fbg, and 12 fbg, respectively. Soil samples EX-5 and EX-10 were collected in the UST excavation area directly west of the northernmost and southernmost USTs. Sample collection points are shown in Figure 3.

Piping and Dispenser Island Compliance Sampling: On August 18 and 24, 2000 Cambria performed soil sampling beneath the former dispenser islands and product piping. The August 18, 2000 sampling was conducted under the supervision of BTMD regulators Dr. Nabil Al-Hadithy and Ms. Meredith Lear, and the August 24, 2000 sampling was conducted under the supervision of BTMD regulator Mr. Geoffery Fiedler. Soil samples DP-1 through DP-4 were collected from beneath the northernmost dispenser island at approximately 2 fbg. Soil samples DP-7 through DP-10 were collected from the easternmost dispenser island at approximately 2 fbg. Soil sample DP-6 was collected from the piping trench between the two dispenser islands at approximately 2 fbg, and soil sample DP-11 was collected after over-excavation of pea-gravel beneath the northernmost dispenser island at approximately 4.5 fbg. No sample DP-5 was collected.

ANALYTICAL TESTING AND RESULTS

Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by modified EPA Method 8015, and benzene, toluene, xylene, and ethylbenzene (BTEX), and methyl tert butyl ether (MTBE) by modified EPA Method 8020. In addition, samples EX-1 through EX-11 were analyzed for total lead, and samples EX-8 through EX-11 for semi-volatile organic compounds (SVOCs) and total oil and grease (TOG) due to their proximity to an onsite waste oil tank. Sample DP-2 was analyzed for total petroleum hydrocarbons as diesel (TPHd). Analytical results are presented in Table 1. Certified laboratory analytical results are presented in Appendix C.

UST Excavation Analytical Results (EX-1 through EX-11): TPHg concentrations were detected in one sample (EX-1) at 3.31 milligrams per kilogram (mg/kg). MTBE concentrations were detected in five samples ranging from 0.0526 to 0.302 mg/kg. TOG concentrations were detected in two samples (EX-10 and EX-11) at 337 and 363 mg/kg, respectively. No benzene, SVOCs, or lead concentrations were detected in any of the UST excavation samples.

Piping and Dispenser Island Analytical Results (DP-1 through DP-4, DP-6 through DP-11): TPHg concentrations were detected in four piping and dispenser island soil samples (DP-2, DP-3, D-9, and DP-11) ranging from 84.7 to 8,410 mg/kg. Benzene and TPHd concentrations were detected in one sample (DP-2) at 3.44 and 1,920 mg/kg, respectively. MTBE concentrations were detected in seven samples (DP-1, DP-2, DP-4, DP-6, DP-8, DP-9, and DP-10) ranging from 0.186 to 19.8 mg/kg, with the highest MTBE concentration from sample DP-2.

WASTE DISPOSAL

Dillard Environmental Services (Dillard) of Byron, California, stockpiled, profiled, and transported approximately 1,416 tons of soil, generated during piping and UST over-excavation activities, to the Forward Landfill in Manteca, California, for disposal. Dillard also transported 1,200 gallons of non-hazardous water, extracted from the UST excavation area, to the Seaport Environmental facility in Redwood City, California, for disposal. Under the direction of Petcon, Adams Services, Inc. of Gardena, California transported the three fiberglass USTs to San Bernardino County Solid Waste Management's Mid-Valley Landfill for disposal, and 400 gallons of non-hazardous oil and water to the DeMenno/Kerdoon facility in Compton, California, for recycling. Soil, water, and UST disposal confirmation letters and/or manifests are presented in Appendix D. Soil stockpile sampling results are presented in a laboratory analytical report as Appendix E.

RECOMMENDATIONS

During UST excavation activities, Cambria prepared a *Downgradient Investigation and Interim Remediation Workplan* dated August 14, 2000 based on a verbal request from BTMD regulator Dr. Nabil Al-Hadithy. Cambria recommended the installation of two additional downgradient monitoring wells, new tank backfill wells, and the implementation of dual phase extraction (DVE) mobile treatment events. The proposed work will be implemented once workplan approval is received from BTMD.

ATTACHMENTS

Figure 1 – Site Vicinity Map
Figure 2 – Site Plan
Figure 3 – Over-Excavation Areas and Soil Sample Locations

Table 1 – UST Removal Compliance Sampling Results

Appendix A – Standard UST Excavation Sampling Procedures
Appendix B – Standard Dispenser and Product Piping Removal Sampling Procedures
Appendix C – Certified Laboratory Analytical Results
Appendix D – Waste Disposal Confirmation Letters and Manifests
Appendix E – Soil Stockpile Laboratory Analytical Report

H:\ARCO\0414\Reports\ARCO 414 Tank Pull Report.doc

11/30/00

I:\ARCO\0414\FIGURES\VICINITY-MAP.AI

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

ARCO Service Station 0414

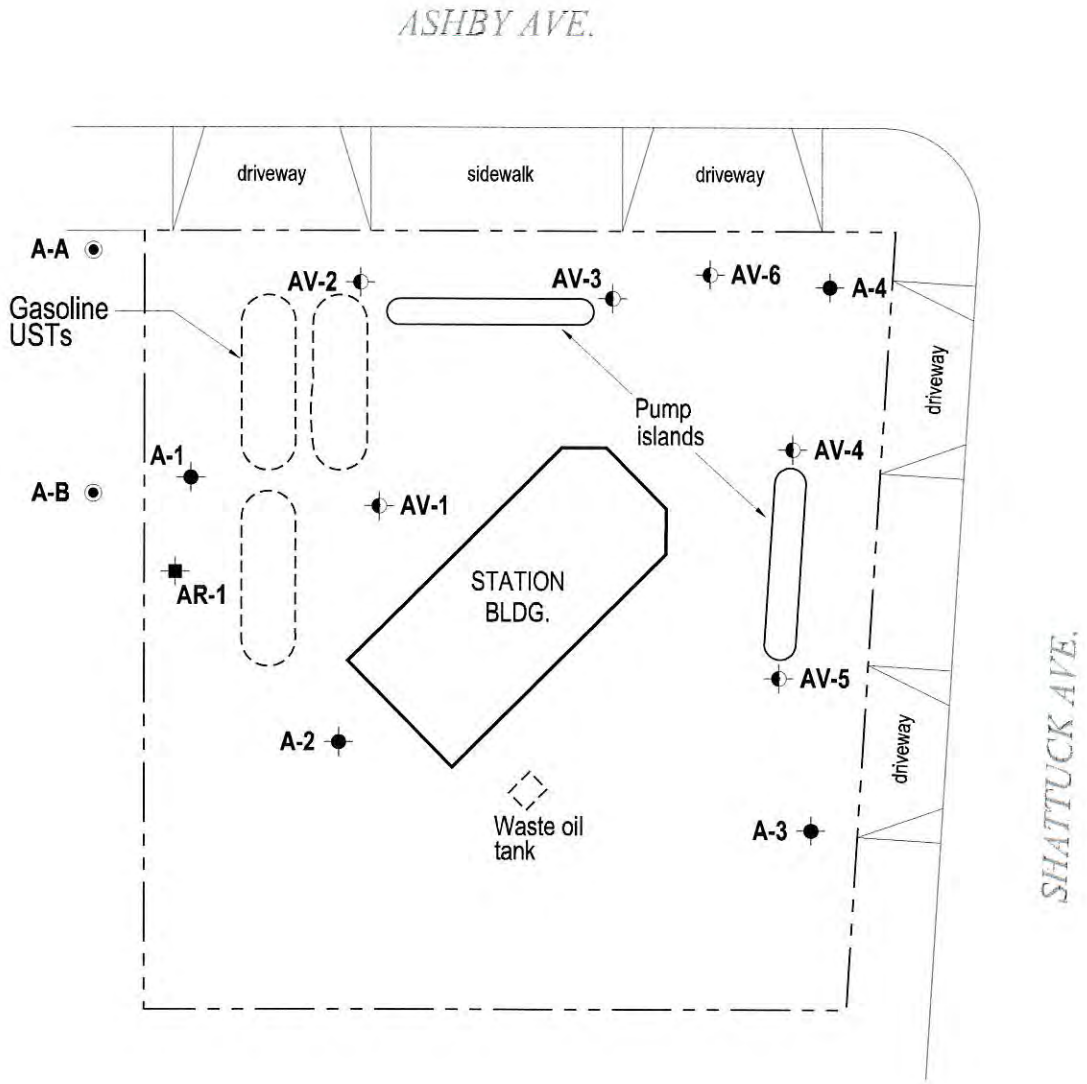
3000 Shattuck Avenue

Berkeley, California

CAMBRIA

Vicinity Map

11/30/00



EXPLANATION

- MW-1 — Monitoring well location
- AR-1 — Recovery well location
- A-1 — Soil vapor extraction well location
- A-A — Soil boring location

N

0 15 30

Scale (ft)

FIGURE **2**

H:\ARCO\0414\FIGURES\SITEPLAN.DWG

ARCO Service Station 0414

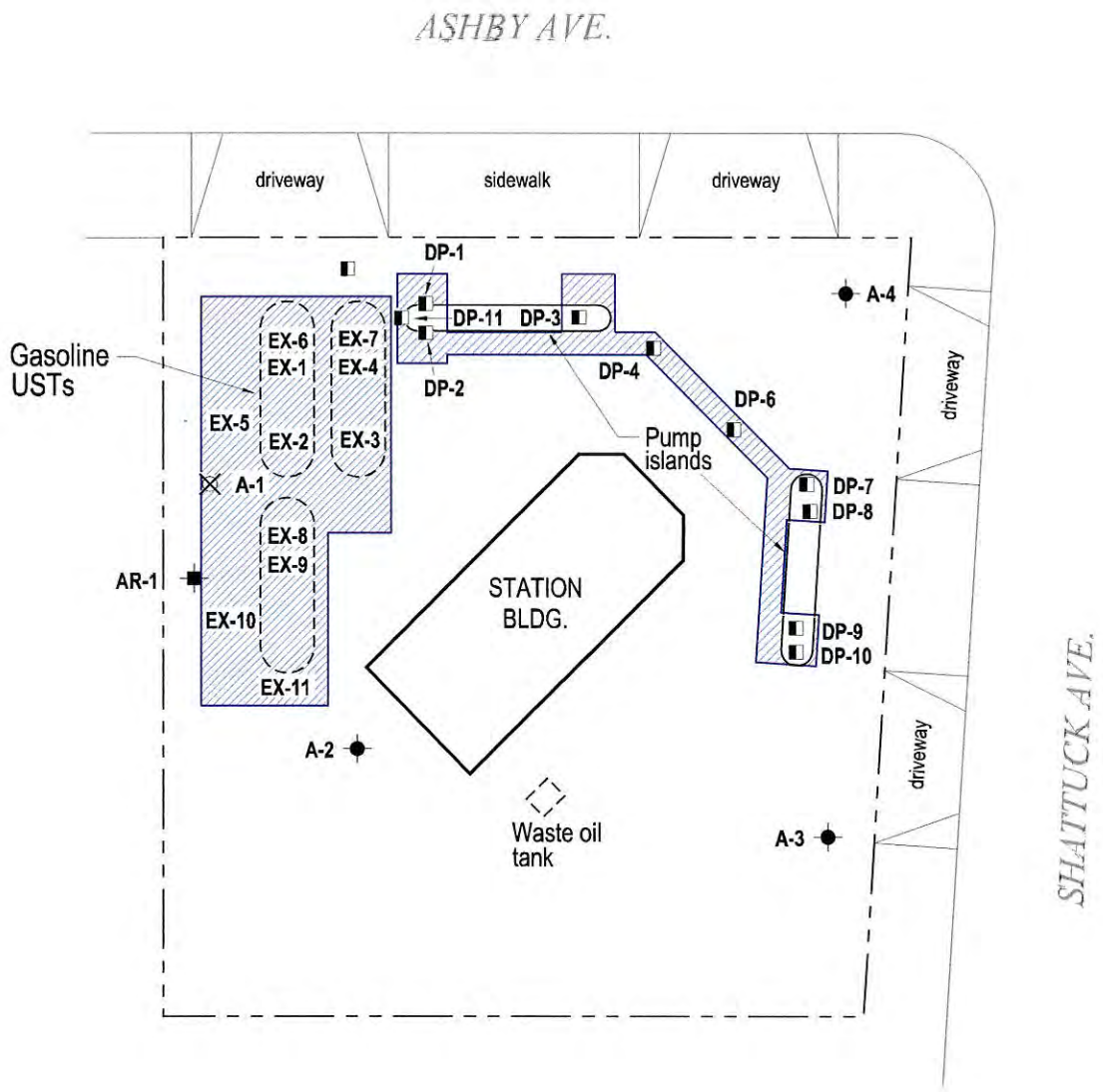
3000 Shattuck Avenue

Berkeley, California

CAMBRIA

Site Plan

12/19/00



EXPLANATION

- MW-1 — Monitoring well location
- AR-1 — Recovery well location
- AV-1 — Soil vapor extraction well location
- A-1 — Abandoned monitoring well
- A-A — Soil boring location
- EX-1 — Soil sample locaton
- Over excavation area

N

0 15 30

Scale (ft)

FIGURE 3

H:\ARCO\0414\FIGURES\EXCAVATION.DWG

ARCO Service Station 0414

3000 Shattuck Avenue

Berkeley, California

CAMBRIA

Over Excavation Areas and Sampling Locations

Table 1
UST Removal Compliance Sampling

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Sample ID	Date Sampled	Depth Sampled (ft-bgs)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)	TPHd (mg/kg)	TOG (mg/kg)
EX-1	8/15/00	16	**3.31**	<0.00500	**0.00794**	**0.0580**	**0.192**	**0.0777**	<7.50	--	--
EX-2	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.172**	<7.50	--	--
EX-3	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0678**	<7.50	--	--
EX-4	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0583**	<7.50	--	--
EX-5	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0526**	<7.50	--	--
EX-6	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.302**	<7.50	--	--
EX-7	8/15/00	17	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0627**	<7.50	--	--
EX-8	8/16/00	16	<1.00	<0.00500	**0.00686**	<0.00500	**0.0193**	**0.0660**	<7.50	--	<50.0
EX-9	8/16/00	16	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.124**	<7.50	--	<50.0
EX-10	8/16/00	16	<1.00	<0.00500	<0.00500	<0.00500	**0.0128**	**0.204**	<7.50	--	337
EX-11	8/16/00	12	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.0659**	<7.50	--	363
DP-1	8/18/00	2	<5.00	<0.250	<0.250	<0.250	<0.250	**0.451**	--	--	--
DP-2	8/18/00	2	**8,410**	**3.44**	**136**	**127**	**531**	**19.8**	--	**1,920**	--

Table 1
UST Removal Compliance Sampling

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Sample ID	Date Sampled	Depth Sampled (ft-bgs)	TPHg (mg/kg)	Benzene (mg/kg)	Toulene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)	TPHd (mg/kg)	TOG (mg/kg)
DP-3	8/18/00	2	**186**	<0.250	<0.250	**1.78**	**1.82**	<2.50	--	--	--
DP-4	8/18/00	2	<5.00	<0.0250	<0.0250	<0.0250	**0.029**	**0.677**	--	--	--
DP-6	8/18/00	2	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.296**	--	--	--
DP-7	8/18/00	2	<50.0	<0.250	<0.250	<0.250	<0.250	<2.50	--	--	--
DP-8	8/18/00	2	<5.00	<0.250	<0.250	<0.250	<0.250	**0.572**	--	--	--
DP-9	8/18/00	2	**84.7**	<0.250	<0.250	<0.250	**0.295**	**1.34**	--	--	--
DP-10	8/18/00	2	<1.00	<0.00500	<0.00500	<0.00500	<0.00500	**0.186**	--	--	--
DP-11	8/24/00	5	**184**	<0.250	<0.250	**2.01**	**3.68**	<2.50	--	--	--

Notes

ft-bgs = feet below ground surface
mg/kg = milligrams per kilogram

TPHg = total petroluem hydrocarbons as gasoline
TPHd = total petroluem hydrocarbons as diesel
MTBE = methyl tert butyl ether
TOG = total oil and grease

APPENDIX A

Standard Tank Removal Sampling Procedures

STANDARD UST EXCAVATION SAMPLING PROCEDURES

After confirming a release from underground gasoline storage tanks, product piping or pump islands, soil excavation is often done to remove hydrocarbon bearing soils that may pose a threat to ground water quality beneath a site. Soil samples are routinely collected to monitor the progress of the excavation and to confirm that soils containing hydrocarbons above regulatory limits have been completely removed. Cambria has developed standard operating procedures for collecting soil samples during routine excavation operations to ensure that the samples are collected, handled and documented in compliance with State and local regulatory agency regulations.

Excavation Sampling

Prior to collecting soil samples during excavation operations, Cambria field staff screen the removed soils with a portable photoionization detector (PID) to qualitatively assess the presence or absence of volatile hydrocarbons. The removed soil is typically segregated based on hydrocarbon concentration and stockpiled on site on plastic sheeting. When the PID measurements indicate that the hydrocarbon bearing soil has been completely removed, Cambria collects soil samples from the excavation sidewalls and bottom for confirmatory analysis at a State certified analytic laboratory.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe or excavator. When a backhoe or excavator is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the sampler or the backhoe, the samples are trimmed flush, capped with Teflon tape and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

APPENDIX B

Standard Dispenser and Product Piping Removal Sampling Procedures

STANDARD DISPENSER AND PRODUCT PIPING REMOVAL SAMPLING PROCEDURES

Cambria Environmental Technology, Inc. (Cambria) has developed standard operating procedures for collecting soil samples during petroleum dispenser and piping removal. These procedures ensure that the samples are collected, handled, and documented in compliance with California Administration Code Title 23: Waters; Chapter 3: Water Resources Control Board; Subchapter 16: Underground Storage Tank Regulations (Title 23). Cambria's sampling procedures are based on guidelines contained in the California State Regional Water Quality Control Board Tri-Regional Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites dated August 10, 1990.

Piping and Dispenser Removal Sampling

The objective of sample collection during routine dispenser and piping removals is to determine whether hydrocarbons or other stored chemicals have leaked to the subsurface. We collect one soil sample from the native soil beneath each dispenser unit, at each piping elbow, and at every 20 ft of product piping, as applicable.

The soil samples are collected in steam cleaned brass or steel tubes from either a driven split-spoon type sampler or the bucket of a backhoe. When a backhoe is used, approximately three inches of soil are scraped from the surface and the tube is driven into the exposed soil.

Upon removal from the split-spoon sampler or the backhoe, the samples are trimmed flush, capped with Teflon sheets and plastic end caps, labeled, logged and refrigerated for delivery under chain of custody to a State certified analytic laboratory.

APPENDIX C

Certified Laboratory Analytical Results

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

August 17, 2000

Darryk Ataide
Cambria Environmental - Oakland
1144 65th St., Suite C
Oakland, CA 94608

RE: ARCO/P008341

Dear Darryk Ataide

Enclosed are the results of analyses for sample(s) received by the laboratory on August 15, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard Stover
Project Manager

CA ELAP Certificate Number 2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Cambria Environmental - Oakland	Project: ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number: 414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager: Darryk Ataide	Reported: 8/17/00

ANALYTICAL REPORT FOR P008341

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EX-1	P008341-01	Soil	8/15/00
EX-2	P008341-02	Soil	8/15/00
EX-3	P008341-03	Soil	8/15/00
EX-4	P008341-04	Soil	8/15/00
EX-5	P008341-05	Soil	8/15/00
EX-6	P008341-06	Soil	8/15/00
EX-7	P008341-07	Soil	8/15/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-1			**P008341-01**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	**3.31**	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	**0.00794**	"	
Ethylbenzene	"	"	"		0.00500	**0.0580**	"	
Xylenes (total)	"	"	"		0.00500	**0.192**	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0777**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*104*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*80.5*	"	
EX-2			**P008341-02**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.172**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*106*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*78.5*	"	
EX-3			**P008341-03**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0678**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*103*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*82.3*	"	
EX-4			**P008341-04**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0583**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.3*	"	
EX-5			**P008341-05**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-5 (continued)			**P008341-05**				**Soil**	
Benzene	0080281	8/16/00	8/16/00		0.00500	ND	mg/kg	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0526**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*98.7*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*89.7*	"	
EX-6			**P008341-06**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.302**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*96.5*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*32.5*	"	*J*
EX-7			**P008341-07**				**Soil**	
Gasoline	0080281	8/16/00	8/16/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0627**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*87.7*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
EX-1			**P008341-01**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-2			**P008341-02**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-3			**P008341-03**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-4			**P008341-04**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-5			**P008341-05**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-6			**P008341-06**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	
EX-7			**P008341-07**				**Soil**	
Lead	0080390	8/16/00	8/16/00	EPA 6010B	7.50	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080281	**Date Prepared: 8/16/00**					**Extraction Method: EPA 5030 soils**				
Blank	**0080281-BLK4**									
Gasoline	8/16/00			**ND**	mg/kg	**1.00**				
Benzene	"			**ND**	"	**0.00500**				
Toluene	"			**ND**	"	**0.00500**				
Ethylbenzene	"			**ND**	"	**0.00500**				
Xylenes (total)	"			**ND**	"	**0.00500**				
Methyl tert-butyl ether	"			**ND**	"	**0.0500**				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.593*	"	*65.0-135*	*98.8*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.589*	"	*65.0-135*	*98.2*			
LCS	**0080281-BS4**									
Benzene	8/16/00	0.200		0.188	mg/kg	65.0-135	94.0			
Toluene	"	0.200		0.187	"	65.0-135	93.5			
Ethylbenzene	"	0.200		0.183	"	65.0-135	91.5			
Xylenes (total)	"	0.600		0.616	"	65.0-135	103			
Methyl tert-butyl ether	"	0.200		0.184	"	65.0-135	92.0			
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.579*	"	*65.0-135*	*96.5*			
Matrix Spike	**0080281-MS1**		**P008111-01**							
Benzene	8/11/00	0.200	ND	0.181	mg/kg	65.0-135	**90.5**			
Toluene	"	0.200	ND	0.178	"	65.0-135	**89.0**			
Ethylbenzene	"	0.200	ND	0.175	"	65.0-135	**87.5**			
Xylenes (total)	"	0.600	ND	0.589	"	65.0-135	**98.2**			
Methyl tert-butyl ether	"	0.200	ND	0.189	"	65.0-135	**94.5**			
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.590*	"	*65.0-135*	*98.3*			
Matrix Spike Dup	**0080281-MSD1**		**P008111-01**							
Benzene	8/11/00	0.200	ND	0.187	mg/kg	65.0-135	**93.5**	20.0	**3.26**	
Toluene	"	0.200	ND	0.183	"	65.0-135	**91.5**	20.0	**2.77**	
Ethylbenzene	"	0.200	ND	0.177	"	65.0-135	**88.5**	20.0	**1.14**	
Xylenes (total)	"	0.600	ND	0.594	"	65.0-135	**99.0**	20.0	**0.811**	
Methyl tert-butyl ether	"	0.200	ND	0.184	"	65.0-135	**92.0**	20.0	**2.68**	
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.578*	"	*65.0-135*	*96.3*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Total Metals by EPA 6000/7000 Series Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080390	**Date Prepared: 8/16/00**					**Extraction Method: EPA 3050B**				
Blank	**0080390-BLK1**									
Lead	8/16/00			**ND**	mg/kg	**7.50**				
LCS	**0080390-BS1**									
Lead	8/16/00	50.0		47.1	mg/kg	80.0-120	94.2			
Matrix Spike	**0080390-MS1**		**P008341-01**							
Lead	8/16/00	45.5	ND	45.6	mg/kg	75.0-125	**100**			
Matrix Spike Dup	**0080390-MSD1**		**P008341-01**							
Lead	8/16/00	46.3	ND	46.2	mg/kg	75.0-125	**99.8**	20.0	**0.200**	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/15/00
1144 65th St., Suite C	Project Number:	414- Berkeley	Received: 8/15/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/17/00

Notes and Definitions

#	Note
1	Low surrogate recovery confirmed as a matrix effect by a second analysis.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

ARCO Products Company
Division of Atlantic-Richfield Company

Task Order No.

Chain of Custody

ARCO Facility no. 414	City (Facility) Berkeley	Project manager (Consultant) Darryk Ataide	Laboratory name SEQ
ARCO engineer Paul Supple	Telephone no. (ARCO) (925) 299-8891	Telephone no. (Consultant) (510) 420-3339	Fax no. (Consultant) (510) 420-9170
Consultant name Cambria Environ	Address (Consultant) 1144 65th St. Oakland, CA 94608		Contract number 26358 00

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH - Gas EPA M602/8020/8015	TPH Modified 8015 Gas ☐ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals ☐ Semi VOA ☐ VOA ☐	CAM METALS EPA 6010/7000 TTLC ☐ STLC ☐	Lead Org./DHS ☐ Lead EPA 7420/7421 ☐	MTBE 8020	Total Lead
EX-1		1	X			X		8-15-00	12 00		X		P000	8341	-01						X	X
EX-2		1	↓			↓		↓	↓		X						02				X	X
EX-3		1									X						03				X	X
EX-4		1									X						04				X	X
EX-5		1									X						05				X	X
EX-6		1									X						06				X	X
EX-7		1	↓			↓		↓	↓		X						07				X	X

COOLER CUSTODY SEALS INTACT ☐
NOT INTACT ☐ N/A
COOLER TEMPERATURE 6 °C

Special detection Limit/reporting

Special QA/QC

Remarks: 24 hour Rush

Lab number

Turnaround time
- Priority Rush 1 Business Day: X
- Rush 2 Business Days: ☐
- Expedited 5 Business Days: ☐
- Standard 10 Business Days: ☐

Condition of sample:

Temperature received:

	Date	Time		Date	Time
Relinquished by sampler	8-15-00	1452	Received by Troy Copeland		
Relinquished by Troy Copeland	8-15-00	1700	Received by PET	8/15/00	@1750
Relinquished by	Date	Time	Received by	Date	Time

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

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August 28, 2000

Darryk Ataide
Cambria Environmental - Oakland
1144 65th St., Suite C
Oakland, CA 94608

RE: ARCO/P008455

Dear Darryk Ataide

Enclosed are the results of analyses for sample(s) received by the laboratory on August 21, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard Stover
Project Manager

CA ELAP Certificate Number 2374

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

ANALYTICAL REPORT FOR P008455

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
DP-1	P008455-01	Soil	8/18/00
DP-2	P008455-02	Soil	8/18/00
DP-3	P008455-03	Soil	8/18/00
DP-4	P008455-04	Soil	8/18/00
DP-6	P008455-05	Soil	8/18/00
DP-7	P008455-06	Soil	8/18/00
DP-8	P008455-07	Soil	8/18/00
DP-9	P008455-08	Soil	8/18/00
DP-10	P008455-09	Soil	8/18/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-1			**P008455-01**				Soil	
Gasoline	0080494	8/23/00	8/23/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.294**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.2*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*90.8*	"	
DP-2			**P008455-02**				Soil	
Gasoline	0080263	8/22/00	8/22/00		1000	**8410**	mg/kg	
Benzene	"	"	"		1.00	**3.44**	"	1
Toluene	"	"	"		5.00	**136**	"	
Ethylbenzene	"	"	"		5.00	**127**	"	
Xylenes (total)	"	"	"		5.00	**531**	"	
Methyl tert-butyl ether	"	"	"		15.0	**19.8**	"	1
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*106*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*563*	"	*2*
DP-3			**P008455-03**				Soil	
Gasoline	0080263	8/22/00	8/22/00		50.0	**186**	mg/kg	
Benzene	"	"	"		0.250	ND	"	
Toluene	"	"	"		0.250	ND	"	
Ethylbenzene	"	"	"		0.250	**1.78**	"	
Xylenes (total)	"	"	"		0.250	**1.82**	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.3*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*102*	"	
DP-4			**P008455-04**				Soil	
Gasoline	0080494	8/22/00	8/22/00		5.00	ND	mg/kg	
Benzene	"	"	"		0.0250	ND	"	
Toluene	"	"	"		0.0250	ND	"	
Ethylbenzene	"	"	"		0.0250	ND	"	
Xylenes (total)	"	"	"		0.0250	**0.0288**	"	
Methyl tert-butyl ether	"	"	"		0.250	**0.677**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.2*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*96.8*	"	
DP-6			**P008455-05**				Soil	
Gasoline	0080494	8/22/00	8/22/00		1.00	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-6 (continued)			**P008455-05**				Soil	
Benzene	0080494	8/22/00	8/22/00		0.00500	ND	mg/kg	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.296**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.0*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.2*	"	
DP-7			**P008455-06**				Soil	
Gasoline	0080263	8/22/00	8/22/00		50.0	ND	mg/kg	
Benzene	"	"	"		0.250	ND	"	
Toluene	"	"	"		0.250	ND	"	
Ethylbenzene	"	"	"		0.250	ND	"	
Xylenes (total)	"	"	"		0.250	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*98.7*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*77.0*	"	
DP-8			**P008455-07**				Soil	
Gasoline	0080494	8/22/00	8/22/00		5.00	ND	mg/kg	
Benzene	"	"	"		0.0250	ND	"	
Toluene	"	"	"		0.0250	ND	"	
Ethylbenzene	"	"	"		0.0250	ND	"	
Xylenes (total)	"	"	"		0.0250	ND	"	
Methyl tert-butyl ether	"	"	"		0.250	**0.572**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.2*	"	
DP-9			**P008455-08**				Soil	
Gasoline	0080263	8/22/00	8/22/00		50.0	**84.7**	mg/kg	
Benzene	"	"	"		0.250	ND	"	
Toluene	"	"	"		0.250	ND	"	
Ethylbenzene	"	"	"		0.250	ND	"	
Xylenes (total)	"	"	"		0.250	**0.295**	"	
Methyl tert-butyl ether	"	"	"		0.500	**1.34**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*101*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*81.0*	"	
DP-10			**P008455-09**				Soil	
Gasoline	0080494	8/22/00	8/22/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-10 (continued)			**P008455-09**				**Soil**	
Toluene	0080494	8/22/00	8/22/00		0.00500	ND	mg/kg	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.186**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.5*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
DP-2			P008455-02				Soil	
Diesel (C10-C24)	0080486	8/22/00	8/24/00		5.00	1920	mg/kg	
Surrogate: o-Terphenyl	"	"	"	*50.0-150*		*91.4*	%	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080263	**Date Prepared: 8/22/00**					**Extraction Method: EPA 5030 soils MeOH**				
Blank	0080263-BLK3									
Gasoline	8/22/00			ND	mg/kg	50.0				
Benzene	"			ND	"	0.250				
Toluene	"			ND	"	0.250				
Ethylbenzene	"			ND	"	0.250				
Xylenes (total)	"			ND	"	0.250				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*31.1*	"	*65.0-135*	*104*			
Surrogate: 4-Bromofluorobenzene	"	*30.0*		*26.2*	"	*65.0-135*	*87.3*			
LCS	0080263-BS3									
Benzene	8/22/00	10.0		8.52	mg/kg	65.0-135	85.2			
Toluene	"	10.0		8.67	"	65.0-135	86.7			
Ethylbenzene	"	10.0		9.65	"	65.0-135	96.5			
Xylenes (total)	"	30.0		28.1	"	65.0-135	93.7			
Methyl tert-butyl ether	"	10.0		8.31	"	65.0-135	83.1			
Surrogate: a,a,a-Trifluorotoluene	"	*30.0*		*31.2*	"	*65.0-135*	*104*			
Batch: 0080494	**Date Prepared: 8/22/00**					**Extraction Method: EPA 5030 soils**				
Blank	0080494-BLK1									
Gasoline	8/22/00			ND	mg/kg	1.00				
Benzene	"			ND	"	0.00500				
Toluene	"			ND	"	0.00500				
Ethylbenzene	"			ND	"	0.00500				
Xylenes (total)	"			ND	"	0.00500				
Methyl tert-butyl ether	"			ND	"	0.0500				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.590*	"	*65.0-135*	*98.3*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.596*	"	*65.0-135*	*99.3*			
Blank	0080494-BLK2									
Gasoline	8/23/00			ND	mg/kg	1.00				
Benzene	"			ND	"	0.00500				
Toluene	"			ND	"	0.00500				
Ethylbenzene	"			ND	"	0.00500				
Xylenes (total)	"			ND	"	0.00500				
Methyl tert-butyl ether	"			ND	"	0.0500				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.559*	"	*65.0-135*	*93.2*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.575*	"	*65.0-135*	*95.8*			
LCS	0080494-BS1									
Gasoline	8/22/00	2.00		1.90	mg/kg	65.0-135	95.0			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**0080494-BS1**									
Surrogate: 4-Bromofluorobenzene	*8/22/00*	*0.600*		*0.600*	*mg/kg*	*65.0-135*	*100*			
LCS	**0080494-BS2**									
Benzene	8/23/00	0.200		0.182	mg/kg	65.0-135	91.0			
Toluene	"	0.200		0.180	"	65.0-135	90.0			
Ethylbenzene	"	0.200		0.176	"	65.0-135	88.0			
Xylenes (total)	"	0.600		0.591	"	65.0-135	98.5			
Methyl tert-butyl ether	"	0.200		0.165	"	65.0-135	82.5			
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.547*	"	*65.0-135*	*91.2*			
Matrix Spike	**0080494-MS1**		**P008442-02**							
Gasoline	8/22/00	2.00	ND	1.60	mg/kg	65.0-135	**80.0**			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.523*	"	*65.0-135*	*87.2*			
Matrix Spike Dup	**0080494-MSD1**		**P008442-02**							
Gasoline	8/22/00	2.00	ND	1.75	mg/kg	65.0-135	**87.5**	20.0	**8.96**	
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.532*	"	*65.0-135*	*88.7*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080486	**Date Prepared: 8/22/00**					**Extraction Method: CA LUFT - orb shaker**				
Blank	0080486-BLK1									
Diesel (C10-C24)	8/24/00			ND	mg/kg	5.00				
Surrogate: o-Terphenyl	"	*3.33*		*3.24*	"	*50.0-150*	*97.3*			
LCS	0080486-BS1									
Diesel (C10-C24)	8/23/00	33.3		31.9	mg/kg	50.0-150	95.8			
Surrogate: o-Terphenyl	"	*3.33*		*3.02*	"	*50.0-150*	*90.7*			
Matrix Spike	0080486-MS1		P008444-04							
Diesel (C10-C24)	8/23/00	33.3	52.5	72.9	mg/kg	50.0-150	**61.3**			
Surrogate: o-Terphenyl	"	*3.33*		*3.04*	"	*50.0-150*	*91.3*			
Matrix Spike Dup	0080486-MSD1		P008444-04							
Diesel (C10-C24)	8/23/00	33.3	52.5	81.5	mg/kg	50.0-150	**87.1**	35.0	**34.8**	
Surrogate: o-Terphenyl	"	*3.33*		*3.19*	"	*50.0-150*	*95.8*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/18/00
1144 65th St., Suite C	Project Number:	414-Berkeley	Received: 8/21/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/28/00

Notes and Definitions

#	Note
1	Results between the primary and confirmation columns varied by greater than 40% RPD.
2	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

ARCO Products Company
Division of Atlantic-Richfield Company

Task Order No.

Chain of Custody

ARCO Facility no. 0414	City (Facility) Berkeley	Project manager (Consultant) Darryk Ataide	Laboratory name SEQ
ARCO engineer Paul Supple	Telephone no. (ARCO) 925-299-8891	Telephone no. (Consultant) (510) 420-3339	Fax no. (Consultant) (510) 420-9170
Consultant name	Address (Consultant)		Contract number 26358.00

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH – Gas EPA M602/8020/8015	TPH Modified 8015 Gas / Diesel	Oil and Grease 413.1 / 413.2	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals / Semi VOA / VOA	CAM METALS EPA 6010/7000 TTLC / STLC	Lead Org./DHS / Lead EPA 7420/7421	MTBE
DP-1		1	X	P068455 01				8-18-00	1250		X										X
DP-2		1	X			-02			1310		X	X									X
DP-3		1	X			-03			1220		X										X
DP-4		1	X			-04			1430		X										X
DP-6		1	X			-05		8-18-00	1410		X										X
DP-7		1	X			-06			1510		X										X
DP-8		1	X			-07			1450		X										X
DP-9		1	X			-08			1350		X										X
DP-10		1	X			-09			1350		X										X
~~DPW-1~~		~~4~~		~~X~~				~~8-18-00~~	~~1400~~		~~X~~	~~X~~									~~X~~
~~DPW-2~~		~~4~~		~~X~~					~~1405~~		~~X~~	~~X~~			DA 8/21/00						~~X~~
DPSP-1		4	X			-10		8-18-00	1545	→	Hold, no analytical requested										

Condition of sample:

Temperature received:

Relinquished by sampler	Date	Time	Received by COOLER CUSTODY SEALS INTACT 8/21/00 1530
Relinquished by	Date	Time	Received by NOT INTACT ☐
Relinquished by	Date	Time	Received by COOLER TEMPERATURE Date 3 Time °C

Special detection Limit/reporting

Special QA/QC

Remarks

24 hr. Rush. Hold sample DPSP-1.

Lab number

Turnaround time

- Priority Rush 1 Business Day: X
- Rush 2 Business Days: ☐
- Expedited 5 Business Days: ☐
- Standard 10 Business Days: ☐

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

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August 30, 2000

Darryk Ataide
Cambria Environmental - Oakland
1144 65th St., Suite C
Oakland, CA 94608

RE: ARCO/P008391

Dear Darryk Ataide

Enclosed are the results of analyses for sample(s) received by the laboratory on August 17, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard Stover
Project Manager

CA ELAP Certificate Number 2374

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

ANALYTICAL REPORT FOR P008391

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EX-8	P008391-01	Soil	8/16/00
EX-9	P008391-02	Soil	8/16/00
EX-10	P008391-03	Soil	8/16/00
EX-11	P008391-04	Soil	8/16/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-8			**P008391-01**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	**0.00686**	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	**0.0193**	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0660**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.5*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*84.2*	"	
EX-9			**P008391-02**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.124**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*102*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*89.8*	"	
EX-10			**P008391-03**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	**0.0128**	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.204**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*101*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*85.3*	"	
EX-11			**P008391-04**				**Soil**	
Gasoline	0080444	8/17/00	8/17/00		1.00	ND	mg/kg	
Benzene	"	"	"		0.00500	ND	"	
Toluene	"	"	"		0.00500	ND	"	
Ethylbenzene	"	"	"		0.00500	ND	"	
Xylenes (total)	"	"	"		0.00500	ND	"	
Methyl tert-butyl ether	"	"	"		0.0500	**0.0659**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*67.0*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
EX-8			**P008391-01**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	
EX-9			**P008391-02**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	
EX-10			**P008391-03**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	
EX-11			**P008391-04**				**Soil**	
Lead	0080441	8/18/00	8/18/00	EPA 6010B	7.50	ND	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-8			**P008391-01**				**Soil**	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-8 (continued)			**P008391-01**				**Soil**	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*55.0*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*61.2*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*57.7*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*63.1*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*74.8*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*97.0*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-9			**P008391-02**				**Soil**	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-9 (continued)			**P008391-02**				**Soil**	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*70.2*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*76.8*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*78.4*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*87.4*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*87.4*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*97.3*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-10			**P008391-03**				**Soil**	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-10 (continued)			P008391-03				Soil	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*65.8*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*73.6*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*71.8*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*82.3*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*86.8*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*96.1*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-11			P008391-04				Soil	
Acenaphthene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Acenaphthylene	"	"	"		0.330	ND	"	
Anthracene	"	"	"		0.330	ND	"	
Benzidine	"	"	"		1.67	ND	"	
Benzoic acid	"	"	"		1.67	ND	"	
Benzo (a) anthracene	"	"	"		0.330	ND	"	
Benzo (b+k) fluoranthene (total)	"	"	"		0.330	ND	"	
Benzo (g,h,i) perylene	"	"	"		0.330	ND	"	
Benzo (a) pyrene	"	"	"		0.330	ND	"	
Benzyl alcohol	"	"	"		0.660	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		0.330	ND	"	
Bis(2-chloroethyl)ether	"	"	"		0.330	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		0.330	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		0.330	ND	"	
4-Bromophenyl phenyl ether	"	"	"		0.330	ND	"	
Butyl benzyl phthalate	"	"	"		0.330	ND	"	
4-Chloroaniline	"	"	"		0.660	ND	"	
4-Chloro-3-methylphenol	"	"	"		0.660	ND	"	
2-Chloronaphthalene	"	"	"		0.330	ND	"	
2-Chlorophenol	"	"	"		0.330	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		0.330	ND	"	
Chrysene	"	"	"		0.330	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.330	ND	"	
Dibenzofuran	"	"	"		0.330	ND	"	
Di-n-butyl phthalate	"	"	"		0.330	ND	"	
1,2-Dichlorobenzene	"	"	"		0.330	ND	"	
1,3-Dichlorobenzene	"	"	"		0.330	ND	"	
1,4-Dichlorobenzene	"	"	"		0.330	ND	"	
3,3'-Dichlorobenzidine	"	"	"		0.660	ND	"	
2,4-Dichlorophenol	"	"	"		0.330	ND	"	
Diethyl phthalate	"	"	"		0.330	ND	"	
2,4-Dimethylphenol	"	"	"		0.330	ND	"	
Dimethyl phthalate	"	"	"		0.330	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		1.67	ND	"	
2,4-Dinitrophenol	"	"	"		1.67	ND	"	
2,4-Dinitrotoluene	"	"	"		0.330	ND	"	
2,6-Dinitrotoluene	"	"	"		0.330	ND	"	
Di-n-octyl phthalate	"	"	"		0.330	ND	"	
1,2-Diphenylhydrazine	"	"	"		0.330	ND	"	
Fluoranthene	"	"	"		0.330	ND	"	
Fluorene	"	"	"		0.330	ND	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
EX-11 (continued)			P008391-04				Soil	
Hexachlorobenzene	0080460	8/21/00	8/30/00		0.330	ND	mg/kg	
Hexachlorobutadiene	"	"	"		0.330	ND	"	
Hexachlorocyclopentadiene	"	"	"		0.330	ND	"	
Hexachloroethane	"	"	"		0.330	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.330	ND	"	
Isophorone	"	"	"		0.330	ND	"	
2-Methylnaphthalene	"	"	"		0.330	ND	"	
2-Methylphenol	"	"	"		0.330	ND	"	
4-Methylphenol	"	"	"		0.330	ND	"	
Naphthalene	"	"	"		0.330	ND	"	
2-Nitroaniline	"	"	"		1.67	ND	"	
3-Nitroaniline	"	"	"		1.67	ND	"	
4-Nitroaniline	"	"	"		1.67	ND	"	
Nitrobenzene	"	"	"		0.330	ND	"	
2-Nitrophenol	"	"	"		0.330	ND	"	
4-Nitrophenol	"	"	"		1.67	ND	"	
N-Nitrosodimethylamine	"	"	"		0.330	ND	"	
N-Nitrosodiphenylamine	"	"	"		0.330	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		0.330	ND	"	
Pentachlorophenol	"	"	"		1.67	ND	"	
Phenanthrene	"	"	"		0.330	ND	"	
Phenol	"	"	"		0.330	ND	"	
Pyrene	"	"	"		0.330	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.330	ND	"	
2,4,5-Trichlorophenol	"	"	"		0.330	ND	"	
2,4,6-Trichlorophenol	"	"	"		0.330	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	*11.0-120*		*68.2*	*%*	
Surrogate: Phenol-d6	"	"	"	*16.0-130*		*74.6*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*16.0-126*		*74.5*	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	*28.0-134*		*79.6*	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	*51.0-144*		*84.0*	"	
Surrogate: Terphenyl-d14	"	"	"	*64.0-119*		*95.2*	"	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
EX-8			P008391-01				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	ND	mg/kg	
EX-9			P008391-02				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	ND	mg/kg	
EX-10			P008391-03				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	337	mg/kg	
EX-11			P008391-04				Soil	
Oil & Grease	0080463	8/21/00	8/22/00	EPA 413.1	50.0	363	mg/kg	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080444	**Date Prepared: 8/17/00**					**Extraction Method: EPA 5030 soils**				
Blank	**0080444-BLK1**									
Gasoline	8/17/00			**ND**	mg/kg	**1.00**				
Benzene	"			**ND**	"	**0.00500**				
Toluene	"			**ND**	"	**0.00500**				
Ethylbenzene	"			**ND**	"	**0.00500**				
Xylenes (total)	"			**ND**	"	**0.00500**				
Methyl tert-butyl ether	"			**ND**	"	**0.0500**				
Surrogate: a,a,a-Trifluorotoluene	"	*0.600*		*0.593*	"	*65.0-135*	*98.8*			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.594*	"	*65.0-135*	*99.0*			
LCS	**0080444-BS1**									
Gasoline	8/17/00	2.00		1.91	mg/kg	65.0-135	95.5			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.595*	"	*65.0-135*	*99.2*			
Matrix Spike	**0080444-MS1**		**P008391-01**							
Gasoline	8/17/00	2.00	ND	1.85	mg/kg	65.0-135	**92.5**			
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.532*	"	*65.0-135*	*88.7*			
Matrix Spike Dup	**0080444-MSD1**		**P008391-01**							
Gasoline	8/17/00	2.00	ND	1.97	mg/kg	65.0-135	**98.5**	20.0	**6.28**	
Surrogate: 4-Bromofluorobenzene	"	*0.600*		*0.504*	"	*65.0-135*	*84.0*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Total Metals by EPA 6000/7000 Series Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080441	Date Prepared: 8/18/00					Extraction Method: EPA 3050B				
Blank	0080441-BLK1									
Lead	8/18/00			ND	mg/kg	7.50				
LCS	0080441-BS1									
Lead	8/18/00	50.0		49.3	mg/kg	80.0-120	98.6			
Matrix Spike	0080441-MS1		P008391-01							
Lead	8/18/00	39.1	ND	40.1	mg/kg	75.0-125	103			
Matrix Spike Dup	0080441-MSD1		P008391-01							
Lead	8/18/00	43.1	ND	42.2	mg/kg	75.0-125	97.9	20.0	5.08	

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080460	**Date Prepared: 8/21/00**					**Extraction Method: EPA 3550A**				
Blank	0080460-BLK1									
Acenaphthene	8/30/00			ND	mg/kg	0.330				
Acenaphthylene	"			ND	"	0.330				
Anthracene	"			ND	"	0.330				
Benzidine	"			ND	"	1.67				
Benzoic acid	"			ND	"	1.67				
Benzo (a) anthracene	"			ND	"	0.330				
Benzo (b+k) fluoranthene (total)	"			ND	"	0.330				
Benzo (g,h,i) perylene	"			ND	"	0.330				
Benzo (a) pyrene	"			ND	"	0.330				
Benzyl alcohol	"			ND	"	0.660				
Bis(2-chloroethoxy)methane	"			ND	"	0.330				
Bis(2-chloroethyl)ether	"			ND	"	0.330				
Bis(2-chloroisopropyl)ether	"			ND	"	0.330				
Bis(2-ethylhexyl)phthalate	"			ND	"	0.330				
4-Bromophenyl phenyl ether	"			ND	"	0.330				
Butyl benzyl phthalate	"			ND	"	0.330				
4-Chloroaniline	"			ND	"	0.660				
4-Chloro-3-methylphenol	"			ND	"	0.660				
2-Chloronaphthalene	"			ND	"	0.330				
2-Chlorophenol	"			ND	"	0.330				
4-Chlorophenyl phenyl ether	"			ND	"	0.330				
Chrysene	"			ND	"	0.330				
Dibenz (a,h) anthracene	"			ND	"	0.330				
Dibenzofuran	"			ND	"	0.330				
Di-n-butyl phthalate	"			ND	"	0.330				
1,2-Dichlorobenzene	"			ND	"	0.330				
1,3-Dichlorobenzene	"			ND	"	0.330				
1,4-Dichlorobenzene	"			ND	"	0.330				
3,3'-Dichlorobenzidine	"			ND	"	0.660				
2,4-Dichlorophenol	"			ND	"	0.330				
Diethyl phthalate	"			ND	"	0.330				
2,4-Dimethylphenol	"			ND	"	0.330				
Dimethyl phthalate	"			ND	"	0.330				
4,6-Dinitro-2-methylphenol	"			ND	"	1.67				
2,4-Dinitrophenol	"			ND	"	1.67				
2,4-Dinitrotoluene	"			ND	"	0.330				
2,6-Dinitrotoluene	"			ND	"	0.330				
Di-n-octyl phthalate	"			ND	"	0.330				
1,2-Diphenylhydrazine	"			ND	"	0.330				
Fluoranthene	"			ND	"	0.330				

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0080460-BLK1**									
Fluorene	8/30/00			ND	mg/kg	0.330				
Hexachlorobenzene	"			ND	"	0.330				
Hexachlorobutadiene	"			ND	"	0.330				
Hexachlorocyclopentadiene	"			ND	"	0.330				
Hexachloroethane	"			ND	"	0.330				
Indeno (1,2,3-cd) pyrene	"			ND	"	0.330				
Isophorone	"			ND	"	0.330				
2-Methylnaphthalene	"			ND	"	0.330				
2-Methylphenol	"			ND	"	0.330				
4-Methylphenol	"			ND	"	0.330				
Naphthalene	"			ND	"	0.330				
2-Nitroaniline	"			ND	"	1.67				
3-Nitroaniline	"			ND	"	1.67				
4-Nitroaniline	"			ND	"	1.67				
Nitrobenzene	"			ND	"	0.330				
2-Nitrophenol	"			ND	"	0.330				
4-Nitrophenol	"			ND	"	1.67				
N-Nitrosodimethylamine	"			ND	"	0.330				
N-Nitrosodiphenylamine	"			ND	"	0.330				
N-Nitrosodi-n-propylamine	"			ND	"	0.330				
Pentachlorophenol	"			ND	"	1.67				
Phenanthrene	"			ND	"	0.330				
Phenol	"			ND	"	0.330				
Pyrene	"			ND	"	0.330				
1,2,4-Trichlorobenzene	"			ND	"	0.330				
2,4,5-Trichlorophenol	"			ND	"	0.330				
2,4,6-Trichlorophenol	"			ND	"	0.330				
Surrogate: 2-Fluorophenol	"	*5.00*		*3.05*	"	*11.0-120*	*61.0*			
Surrogate: Phenol-d6	"	*5.00*		*3.30*	"	*16.0-130*	*66.0*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*2.18*	"	*16.0-126*	*65.5*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*2.55*	"	*28.0-134*	*76.6*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*4.19*	"	*51.0-144*	*83.8*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.25*	"	*64.0-119*	*97.6*			
LCS	**0080460-BS1**									
Acenaphthene	8/29/00	3.33		2.83	mg/kg	34.0-114	85.0			
4-Chloro-3-methylphenol	"	5.00		3.58	"	24.0-118	71.6			
2-Chlorophenol	"	5.00		3.57	"	29.0-101	71.4			
1,4-Dichlorobenzene	"	3.33		2.43	"	25.0-104	73.0			
2,4-Dinitrotoluene	"	3.33		2.69	"	42.0-116	80.8			
4-Nitrophenol	"	5.00		4.43	"	31.0-109	88.6			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**0080460-BS1**									
N-Nitrosodi-n-propylamine	8/29/00	3.33		2.75	mg/kg	23.0-117	82.6			
Pentachlorophenol	"	5.00		5.06	"	34.0-114	101			
Phenol	"	5.00		3.46	"	20.0-105	69.2			
Pyrene	"	3.33		2.97	"	30.0-124	89.2			
1,2,4-Trichlorobenzene	"	3.33		2.30	"	28.0-112	69.1			
Surrogate: 2-Fluorophenol	"	*5.00*		*3.50*	"	*11.0-120*	*70.0*			
Surrogate: Phenol-d6	"	*5.00*		*3.55*	"	*16.0-130*	*71.0*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*2.46*	"	*16.0-126*	*73.9*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*2.87*	"	*28.0-134*	*86.2*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*4.45*	"	*51.0-144*	*89.0*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.29*	"	*64.0-119*	*98.8*			
Matrix Spike	**0080460-MS1**		**P008382-01**							
Acenaphthene	8/30/00	3.33		3.05	mg/kg	30.0-110				
4-Chloro-3-methylphenol	"	5.00		3.57	"	27.0-109				
2-Chlorophenol	"	5.00		3.67	"	24.0-98.0				
1,4-Dichlorobenzene	"	3.33		2.45	"	24.0-89.0				
2,4-Dinitrotoluene	"	3.33		2.76	"	35.0-110				
4-Nitrophenol	"	5.00		4.33	"	20.0-110				
N-Nitrosodi-n-propylamine	"	3.33		2.89	"	23.0-109				
Pentachlorophenol	"	5.00		4.74	"	25.0-123				
Phenol	"	5.00		3.51	"	19.0-100				
Pyrene	"	3.33		3.48	"	12.0-131				
1,2,4-Trichlorobenzene	"	3.33		2.36	"	17.0-110				
Surrogate: 2-Fluorophenol	"	*5.00*		*3.47*	"	*11.0-120*	*69.4*			
Surrogate: Phenol-d6	"	*5.00*		*3.61*	"	*16.0-130*	*72.2*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*2.64*	"	*16.0-126*	*79.3*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*3.14*	"	*28.0-134*	*94.3*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*4.13*	"	*51.0-144*	*82.6*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.87*	"	*64.0-119*	*116*			
Matrix Spike Dup	**0080460-MSD1**		**P008382-01**							
Acenaphthene	8/30/00	3.33		2.26	mg/kg	30.0-110		26.0		
4-Chloro-3-methylphenol	"	5.00		2.80	"	27.0-109		21.0		
2-Chlorophenol	"	5.00		2.22	"	24.0-98.0		27.0		
1,4-Dichlorobenzene	"	3.33		1.59	"	24.0-89.0		25.0		
2,4-Dinitrotoluene	"	3.33		2.42	"	35.0-110		15.0		
4-Nitrophenol	"	5.00		4.19	"	20.0-110		23.0		
N-Nitrosodi-n-propylamine	"	3.33		1.78	"	23.0-109		31.0		
Pentachlorophenol	"	5.00		4.64	"	25.0-123		43.0		
Phenol	"	5.00		2.30	"	19.0-100		21.0		

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	**0080460-MSD1**		**P008382-01**							
Pyrene	8/30/00	3.33		3.31	mg/kg	12.0-131		26.0		
1,2,4-Trichlorobenzene	"	3.33		1.53	"	17.0-110		30.0		
Surrogate: 2-Fluorophenol	"	*5.00*		*2.14*	"	*11.0-120*	*42.8*			
Surrogate: Phenol-d6	"	*5.00*		*2.30*	"	*16.0-130*	*46.0*			
Surrogate: Nitrobenzene-d5	"	*3.33*		*1.62*	"	*16.0-126*	*48.6*			
Surrogate: 2-Fluorobiphenyl	"	*3.33*		*2.05*	"	*28.0-134*	*61.6*			
Surrogate: 2,4,6-Tribromophenol	"	*5.00*		*3.89*	"	*51.0-144*	*77.8*			
Surrogate: Terphenyl-d14	"	*3.33*		*3.69*	"	*64.0-119*	*111*			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Conventional Chemistry Parameters by APHA/EPA Methods/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0080463	**Date Prepared: 8/21/00**					**Extraction Method: CA LUFT - orb shaker**				
Blank	0080463-BLK1									
Oil & Grease	8/22/00			ND	mg/kg	50.0				
LCS	0080463-BS1									
Oil & Grease	8/22/00	667		797	mg/kg	80.0-120	119			
LCS Dup	0080463-BSD1									
Oil & Grease	8/22/00	667		743	mg/kg	80.0-120	111	20.0	6.96	
Duplicate	0080463-DUP1		P008391-01							
Oil & Grease	8/22/00		ND	100	mg/kg			20.0		
Matrix Spike	0080463-MS1		P008391-01							
Oil & Grease	8/22/00	667	ND	743	mg/kg	75.0-125	111			

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Cambria Environmental - Oakland	Project:	ARCO	Sampled: 8/16/00
1144 65th St., Suite C	Project Number:	414 - Berkeley	Received: 8/17/00
Oakland, CA 94608	Project Manager:	Darryk Ataide	Reported: 8/30/00

Notes and Definitions

#	Note
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

ARCO Products Company
Division of Atlantic-Richfield Company

Task Order No.

Chain of Custody

ARCO Facility no. 414	City (Facility) Berkeley	Project manager (Consultant) Darryk Ataide	Laboratory name SEQ
ARCO engineer Paul Supple	Telephone no. (ARCO) (925) 299-8891	Telephone no. (Consultant) (510) 420-3339	Fax no. (Consultant) (510) 420-9170
Consultant name	Address (Consultant)		Contract number 26358 00

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH EPA M602/8020/8015 -6x5	TPH Modified 8015 Gas ☐ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals ☐ Semi VOA ☐ VOA ☐	CAM METALS EPA 6010/7000 TTLC ☐ STLC ☐	Lead Org./DHS ☐ Lead EPA 7420/7421 ☐		
EX-8		2	X			X		8-16-00	1530		X		X				X			X	-01	
EX-9		2	X			X			1545		X		X				X			X	-02	
EX-10		2	X			X			1600		X		X				X			X	-03	
EX-11		2	X			X		↓	1630		X		X				X			X	-04	

Special detection Limit/reporting

Special QA/QC

Remarks

24 hr Rush for TPHg / BTEX / MTBE / Lead

Normal TAT For O+G and 8270

Lab number

Turnaround time

Priority Rush 1 Business Day ☒

Rush 2 Business Days ☐

Expedited 5 Business Days ☐

Standard 10 Business Days ☒

Method of shipment P008391

Condition of sample:

Temperature received:

Relinquished by sampler D. Amb	Date	Time	Received by 8-17-00 1445
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by / Date / Time

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

APPENDIX D

Waste Disposal Confirmation Letters and Manifests

Dillard Trucking, Inc. dba

Dillard Environmental Services

P. O. Box 579 · Byron, CA 94514
Phone (925) 634-6850 – Fax (925) 634-0569
EPA #CAD982523433 · D.T.S.C. #1715 · CA LIC #624665-A HAZ

Via Fax (510) 420-9170

November 22, 2000

Attn: Jason Olsen
Cambria Environmental
1144 65th Street, Suite C
Oakland, CA 94608

RE: **ARCO #00414**
3000 Shattuck Ave.
Berkeley, CA

Dear Mr. Olsen:

Please be advised that 1,416.99 tons of petroleum contaminated soils from the referenced site has been removed. The soil was transported for disposal to Forward Landfill in Manteca, California on 8/17/00, 8/19/00, 9/01/00, 10/17/00, 10/25/00.

Dillard also transported 1,200 gallons of non-hazardous water from the same site on 8/31/00 to Seaport Environmental in Redwood City, California.

Should you have any questions, please do not hesitate to call.

Sincerely,

Dillard Trucking, Inc. dba,
DILLARD ENVIRONMENTAL SERVICES

Lynette Smith

Lynette Smith
Customer Service Representative

ADAMS SERVICES, INC.

406 E. Alondra Blvd., Gardena, CA 90248-2902
(310) 523-4430 Δ FAX (310) 523-1518

CERTIFICATE OF DISPOSAL

This certifies that the following tanks were delivered to San Bernardino County Solid Waste Management's Mid-Valley Landfill for destruction (see Receiving Tickets 21079723, 21079699, 21079719, below and attached)

Date: August 14, 2000

Site: ARCO #0414
3000 Shattuck Avenue
Berkeley, CA

Tank: 3 - 12,000 gallon fiberglass tanks

SAN BERNARDINO COUNTY
WASTE SYSTEM DIVISION
222 W. HOSPITALITY LANE, 2ND FLOOR
SAN BERNARDINO, CA 92415-0017

WEIGHT RECEIPT

Transaction # 21079723

Decal 023002
Vehicle Id
Container
Customer ADAMS SERVICES INC.
Account 000167

Date 08/14/00
Time In 10:32
Time Out 11:00
Operator NB/ JH
Location 21 Mid-Valley #1

Transaction 200 - Commercial
Material 100 - Trash
Origin 1 - Not Specified
Origin
Origin

Payment By 1 - Charge
Destination 100 - Mid-Valley LF
3040 LBS 1.52 TN 100 % of load
LBS TN % of load
LBS TN % of load

	Lbs	Tons	Scale
Gross	33340	16.67	1
Tare	30300	15.15	1
Net	3040	1.52	

Tipping Fee @ /tn
Special Fee HH-1
Total Fee HH-Hard to Handle Sur

comming from berkeley
Please make note of rate changes August 10th. See the scalehouse for details.

Driver Signature: _____

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99789357

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800 424-8802; WITHIN CALIFORNIA, CALL 1 800 852 7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA1000023613 — Manifest Document No. 01002 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623

4. Generator's Phone 714 670-5405

A. State Manifest Document Number 99789357

B. State Generator's ID

5. Transporter 1 Company Name: T & T TRUCK & CRANE — 6. US EPA ID Number: CAL000323736

C. State Transporter's ID [Reserved.]

D. Transporter's Phone 661-393-0795

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Transporter's ID [Reserved.]

F. Transporter's Phone

9. Designated Facility Name and Site Address
D/X ENVIRONMENTAL
3650 E. 26th STREET
VERNON, CA 90023

10. US EPA ID Number: CAT080033681

G. State Facility's ID: CAT080033681

H. Facility's Phone 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State / EPA/Other 512 N/A
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave: Berkeley, CA

Contractor: Petcon Technologies

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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GENERATOR

Printed/Typed Name [illegible] — Signature [signature] — Month 01 Day 11 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name CHAD CHRISTIC — Signature [signature] — Month 01 Day 11 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name — Signature — Month Day Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000023651 — Manifest Document No. 000001 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623
4. Generator's Phone 714) 670-5405

A. State Manifest Document Number 99789350
B. State Generator's ID

5. Transporter 1 Company Name — 6. US EPA ID Number
ADAMS SERVICES, INC. — CAL922125668
C. State Transporter's ID [Reserved.]
D. Transporter's Phone 310-523-4430

7. Transporter 2 Company Name — 8. US EPA ID Number
E. State Transporter's ID [Reserved.]
F. Transporter's Phone

9. Designated Facility Name and Site Address — 10. US EPA ID Number
DeMENNO/KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222 — CAT080013352
G. State Facility's ID CAT080013352
H. Facility's Phone 310-537-7100

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. (OIL & WATER, NON-R.C.R.A. HAZARDOUS WASTE LIQUID	001	TT	00400	G	State 241 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
99% WATER
1% OIL

K. Handling Codes for Wastes Listed Above
a. 01 b. c. d.

15. Special Handling Instructions and Additional Information
DON PROPER PROTECTIVE GEAR
NO SMOKING; E.R.G. #27
EMERGENCY #:

Site: ARCO #0414
3000 Shattuck Ave; Berkeley, CA

Contractor: Petcon Technologies

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GENERATOR — Printed/Typed Name [illegible] — Signature [signature] — Month 01 Day 11 Year 00

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Tim Jeanes — Signature [signature] — Month 01 Day 11 Year 00
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY
19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name [illegible] — Signature [signature] — Month 01 Day 14 Year 00

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802 WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/99)
EPA 8700-22

Green: TRANSPORTER RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99789358

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000023631 — Manifest Document No. 000 03 — 2. Page 1 of 1

Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623
4. Generator's Phone 714 670-5405

A. State Manifest Document Number: 99789358
B. State Generator's ID:

5. Transporter 1 Company Name: ADAMS SERVICES, INC.
6. US EPA ID Number: CAL912212556
C. State Transporter's ID [Reserved.]
D. Transporter's Phone: 310-523-4430

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID [Reserved.]
F. Transporter's Phone:

9. Designated Facility Name and Site Address
D/S ENVIRONMENTAL
3650 E. 26th STREET
VERNON, CA 90023
10. US EPA ID Number: CAT080033681
G. State Facility's ID: CAT080033681
H. Facility's Phone: 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State: EPA/Other: 512 N/A
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave; Berkeley, CA

Contractor: Petcon Technologies

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Printed/Typed Name: [illegible] Signature: [signature] Month 08 Day 17 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Pete Pavich Signature: [signature] Month 08 Day 17 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: Signature: Month Day Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99789356

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000023651 — Manifest Document No. 000001
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ARCO PRODUCTS CO.
4 CENTERPOINTE DR.; LA PALMA, CA 90623
4. Generator's Phone (714) 670-5405

A. State Manifest Document Number: 99789356
B. State Generator's ID:

5. Transporter 1 Company Name: T & T TRUCK & CRANE
6. US EPA ID Number: CAL000327867
C. State Transporter's ID [Reserved.]
D. Transporter's Phone: 661-393-0795

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID [Reserved.]
F. Transporter's Phone:

9. Designated Facility Name and Site Address
D/K ENVIRONMENTAL
3650 E. 26th STREET
VERNON, CA 90023
10. US EPA ID Number: CATO80033681
G. State Facility's ID: CAT080033681
H. Facility's Phone: 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State: 512 / EPA/Other: N/A
b.					State: / EPA/Other:
c.					State: / EPA/Other:
d.					State: / EPA/Other:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 99 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave; Berkeley, CA

Contractor: Petcon Technologies

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Printed/Typed Name: Kevin O'Neill — Signature: [signature] — Month 08 Day 11 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Wright Wood — Signature: [signature] — Month 08 Day 11 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: — Signature: — Month Day Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

GENERATOR RETAINS

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law
CA1000023651	010012		

3. Generator's Name and Mailing Address ARCO PRODUCTS CO. 4 CENTERPOINTE DR.; LA PALMA, CA 90623 4. Generator's Phone 714) 670-5405	A. State Manifest Document Number 99789357 B. State Generator's ID
5. Transporter 1 Company Name T & T TRUCK & CRANE 6. US EPA ID Number CAL000032736	C. State Transporter's ID [Reserved.] D. Transporter's Phone 661-393-0795
7. Transporter 2 Company Name 8. US EPA ID Number	E. State Transporter's ID [Reserved.] F. Transporter's Phone
9. Designated Facility Name and Site Address D/X ENVIRONMENTAL 3650 E. 26th STREET VERNON, CA 90023 10. US EPA ID Number CAT080033681	G. State Facility's ID CAT080033681 H. Facility's Phone 323-268-5056

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	06000	P	State EPA/Other 512 N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Above	
	a. 99	b.
	c.	d.

15. Special Handling Instructions and Additional Information

WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING

Site: ARCO #0414
3000 Shattuck Ave: Berkeley, CA

Contractor: Petcon Technologies

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Printed/Typed Name	Signature	Month	Day	Year
M. [illegible]	[signature]	01	11	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CHAD CHRISTIC	[signature]	01	11	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR RETAINS

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1 800 852 7550

99789357

APPENDIX E

Soil Stockpile Laboratory Analytical Report

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

22 September, 2000

Darryk Ataide
Cambria - Oakland
1144 65th St. Suite C
Oakland, CA 94608

RE: Arco
Sequoia Report: W009362

Enclosed are the results of analyses for samples received by the laboratory on 15-Sep-00 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1,2,3,4	W009362-01	Soil	13-Sep-00 09:45	15-Sep-00 17:30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Charlie Westwater, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland	Project: Arco	
1144 65th St. Suite C	Project Number: Arco #414	**Reported:**
Oakland CA, 94608	Project Manager: Darryk Ataide	22-Sep-00 10:45

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1,2,3,4 (W009362-01) Soil	**Sampled: 13-Sep-00 09:45**	**Received: 15-Sep-00 17:30**							
Purgeable Hydrocarbons	**7.4**	1.0	mg/kg	20	0I19004	19-Sep-00	19-Sep-00	EPA 8015/8020	P-06
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	**0.0068**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.011**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.044**	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*40-140*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1,2,3,4 (W009362-01) Soil	**Sampled: 13-Sep-00 09:45**	**Received: 15-Sep-00 17:30**							
Lead	2.7	1.0	mg/kg	1	0I13007	16-Sep-00	17-Sep-00	EPA 6010A	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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FAX (925) 988-9673
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Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I19004 - EPA 5030B [MeOH]										
Blank (0I19004-BLK1)				Prepared & Analyzed: 19-Sep-00						
Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.596*		"	*0.600*		*99.3*	*40-140*			
LCS (0I19004-BS1)				Prepared & Analyzed: 19-Sep-00						
Benzene	0.698	0.0050	mg/kg	0.800		87.3	50-150			
Toluene	0.716	0.0050	"	0.800		89.5	50-150			
Ethylbenzene	0.746	0.0050	"	0.800		93.2	50-150			
Xylenes (total)	2.21	0.0050	"	2.40		92.1	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.658*		"	*0.600*		*110*	*40-140*			
Matrix Spike (0I19004-MS1)		Source: W009351-03		Prepared & Analyzed: 19-Sep-00						
Benzene	0.876	0.0050	mg/kg	0.800	ND	109	50-150			
Toluene	0.908	0.0050	"	0.800	0.0088	112	50-150			
Ethylbenzene	0.934	0.0050	"	0.800	ND	117	50-150			
Xylenes (total)	2.79	0.0050	"	2.40	0.011	116	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.682*		"	*0.600*		*114*	*40-140*			
Matrix Spike Dup (0I19004-MSD1)		Source: W009351-03		Prepared & Analyzed: 19-Sep-00						
Benzene	0.886	0.0050	mg/kg	0.800	ND	111	50-150	1.14	20	
Toluene	0.922	0.0050	"	0.800	0.0088	114	50-150	1.53	20	
Ethylbenzene	0.950	0.0050	"	0.800	ND	119	50-150	1.70	20	
Xylenes (total)	2.83	0.0050	"	2.40	0.011	117	50-150	1.42	20	
Surrogate: a,a,a-Trifluorotoluene	*0.684*		"	*0.600*		*114*	*40-140*			

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Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland 1144 65th St. Suite C Oakland CA, 94608	Project: Arco Project Number: Arco #414 Project Manager: Darryk Ataide	**Reported:** 22-Sep-00 10:45

Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I13007 - EPA 3050B										
Blank (0I13007-BLK1)				Prepared: 13-Sep-00 Analyzed: 17-Sep-00						
Lead	ND	1.0	mg/kg							
LCS (0I13007-BS1)				Prepared: 13-Sep-00 Analyzed: 19-Sep-00						
Lead	48.0	1.0	mg/kg	50.0		96.0	80-120			
LCS Dup (0I13007-BSD1)				Prepared: 16-Sep-00 Analyzed: 17-Sep-00						
Lead	53.4	1.0	mg/kg	50.0		107	80-120	10.7	20	
Matrix Spike (0I13007-MS1)		**Source: W009250-01**		Prepared: 13-Sep-00 Analyzed: 17-Sep-00						
Lead	146	1.0	mg/kg	50.0	110	72.0	80-120			Q-01
Matrix Spike Dup (0I13007-MSD1)		**Source: W009250-01**		Prepared: 13-Sep-00 Analyzed: 17-Sep-00						
Lead	148	1.0	mg/kg	50.0	110	76.0	80-120	1.36	20	Q-01

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Cambria - Oakland	Project: Arco	
1144 65th St. Suite C	Project Number: Arco #414	**Reported:**
Oakland CA, 94608	Project Manager: Darryk Ataide	22-Sep-00 10:45

Notes and Definitions

P-06	Chromatogram Pattern: Gasoline C6-C12+ Unidentified Hydrocarbons >C8
Q-01	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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01-0102

****

UST LEAK SITE UPDATE — Date of Last Review/Update: 10/1/92 — Current Date: 1/4/93

****

SITE IDENTIFICATION

Name: ARCO Products Company #0414 — Case No.: _____

Address: 3000 (Street Number) Shattuck Avenue (Street)

Berkeley (City) — 94705 (Zip Code)

Alameda (County) — Substance: Gasoline

Local Agency: Berkeley Department of Environmental Health and Human Services

Regional Board: San Francisco Bay Region

****

LEAD STAFF PERSON: Jennifer Krebs

****

CASE TYPE:

___ Undetermined ___ Soil Only _X_ Ground Water ___ Drinking Water

****

STATUS (Date indicates when case moved into status)

_____	No Action Taken	Date:	_____
_____	Leak Being Confirmed	Date:	_____
X	Preliminary Site Assessment Workplan Submitted	Date:	August 1991
X	Preliminary Site Assessment Underway	Date:	October 1991
_____	Pollution Characterization	Date:	_____
_____	Remediation Plan	Date:	_____
_____	Remedial Action Underway	Date:	_____
_____	Post Remedial Action Monitoring	Date:	_____
X	Case Referred to Regional Board	Date:	June 1988
_____	Case Referred to Dept. of Health Services	Date:	_____
_____	Case Closed	Date:	_____

****

MILESTONES:

Installed four on-site groundwater monitoring wells on October 28, 1991. Installed one recovery well (AR-1) and six vapor extraction wells (AV-1 through AV-6) on-site. Performed step/drawdown aquifer test and a vapor extraction test at the site. Refer to the attached page for a chronological listing of reports issued for this site.

****

RECENT ACTIVITIES/FINDINGS:

Quarterly monitoring and sampling were performed for the fourth quarter, 1992. A Quarterly Monitoring/Well Installation Report was issued documenting vapor and recovery well installations and third quarter 1992 sampling results. Performed a groundwater production test on recovery well AR-1 and a second vapor extraction test. Issued an Aquifer Test/Vapor Extraction Test Report documenting the aquifer tests, the groundwater production test, and the vapor extraction tests.

****

ANTICIPATED ACTIVITIES:

Continued quarterly groundwater monitoring, sampling, and reporting. Issue a Quarterly Monitoring Report documenting fourth quarter, 1992 sampling results. Pursue right-of-entry agreements for two off-site, down-gradient hydropunch borings.

****

SS# 0414

REPORT	DATE	CONSULTANT
Underground Storage Tank Unauthorized Release (Leak)/Contamination Site report for Arco #0414	June 7, 1988	Brown & Caldwell
Work Plan	August 15, 1991	GeoStrategies Inc.
Well Installation Report	January 29, 1992	GeoStrategies Inc.
Quarterly Monitoring Report	June 11, 1992	GeoStrategies Inc.
Work Plan	July 9, 1992	GeoStrategies Inc.
Quarterly Monitoring Report	August 11, 1992	GeoStrategies Inc.
Quarterly Monitoring/Well Installation Report	November 11, 1992	GeoStrategies Inc.
Aquifer Test/Vapor Extraction Test Report	December 24, 1992	GeoStrategies Inc.

01-0102

****

UST LEAK SITE UPDATE — Date of Last Review/Update: 10/1/92 — Current Date: 1/4/93

****

SITE IDENTIFICATION

Name: ARCO Products Company #0414 — Case No.: _____

Address: 3000 (Street Number) Shattuck Avenue (Street)

Berkeley (City) — 94705 (Zip Code)

Alameda (County) — Substance: Gasoline

Local Agency: Berkeley Department of Environmental Health and Human Services

Regional Board: San Francisco Bay Region

****

LEAD STAFF PERSON: Jennifer Krebs

****

CASE TYPE:

___ Undetermined ___ Soil Only _X_ Ground Water ___ Drinking Water

****

STATUS (Date indicates when case moved into status)

_____	No Action Taken	Date:	_____
_____	Leak Being Confirmed	Date:	_____
X	Preliminary Site Assessment Workplan Submitted	Date:	August 1991
X	Preliminary Site Assessment Underway	Date:	October 1991
_____	Pollution Characterization	Date:	_____
_____	Remediation Plan	Date:	_____
_____	Remedial Action Underway	Date:	_____
_____	Post Remedial Action Monitoring	Date:	_____
X	Case Referred to Regional Board	Date:	June 1988
_____	Case Referred to Dept. of Health Services	Date:	_____
_____	Case Closed	Date:	_____

****

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****

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****

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Continued quarterly groundwater monitoring, sampling, and reporting. Issue a Quarterly Monitoring Report documenting fourth quarter, 1992 sampling results. Pursue right-of-entry agreements for two off-site, down-gradient hydropunch borings.

****

SS# 0414

REPORT	DATE	CONSULTANT
Underground Storage Tank Unauthorized Release (Leak)/Contamination Site report for Arco #0414	June 7, 1988	Brown & Caldwell
Work Plan	August 15, 1991	GeoStrategies Inc.
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Quarterly Monitoring Report	August 11, 1992	GeoStrategies Inc.
Quarterly Monitoring/Well Installation Report	November 11, 1992	GeoStrategies Inc.
Aquifer Test/Vapor Extraction Test Report	December 24, 1992	GeoStrategies Inc.

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Document Scan Sheet

Project Foxglove California

☐ Supplemental file ☐ Compliance file ☒ Remediation file

Service Station # 414

Document Title: Site Investigation Report

Document Date: 6/21/02

CAMBRIA

RECEIVED
NOV 13 2003
ENV. REMEDIATION

June 21, 2002

Mr. Geoffery Fiedler
City of Berkeley
Toxic Management Division
2118 Milvia Street, Suite 200
Berkeley, California 94570

Re: **Site Investigation Report**
ARCO Service Station No. 414
3000 Shattuck Avenue
Berkeley, California
Cambria Project #438-1775-008
RWQCB File No. 07-0433(JGU)

Dear Mr. Fiedler,

On behalf of Atlantic Richfield Company, Cambria Environmental Technology, Inc. (Cambria) is submitting this *Site Investigation Report* for the above referenced site. This report details the installation of an offsite monitoring well and associated soil and groundwater sampling activities as proposed in Cambria's *Downgradient Investigation and Interim Remediation Work Plan* dated August 14, 2000. All field activities were performed in compliance with the City of Berkeley's guidelines regarding soil borings and well installations.

Please call me at (510) 450-1983, if you have any questions regarding this report.

Sincerely,
Cambria Environmental Technology, Inc.

Ron Scheele, R.G.
Senior Geologist

Attachment: Site Investigation Report

cc: Mr. Paul Supple, ARCO, PO Box 6549, Moraga, California 94570

Oakland, CA
San Ramon, CA
Sonoma, CA

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
(510) 420-9170

PROVIDED TO REAL ESTATE
DATE 12/5/03
JL.

ENTERED
11.13.03

CAMBRIA

COPY

Site Investigation Report

ARCO Service Station No. 414
3000 Shattuck Avenue
Berkeley, California
Cambria Project #438-1775-008

Prepared For:

Mr. Paul Supple
ARCO

June 21, 2002

Prepared By:

Cambria Environmental Technology, Inc.
6262 Hollis Street
Emeryville, California 94608

REGISTERED GEOLOGIST
RONALD A. SCHEELE
No. 6842
STATE OF CALIFORNIA

Written by:

Matthew A. Meyers
Staff Geologist

Ron Scheele, RG
Senior Geologist

Oakland, CA
San Ramon, CA
Sonoma, CA

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CAMBRIA

SITE INVESTIGATION REPORT

ARCO Service Station No. 414
3000 Shattuck Avenue
Berkeley, California
Cambria Project #438-1775-008

June 21, 2002

INTRODUCTION

On behalf of Atlantic Richfield Company, Cambria Environmental Technology, Inc. (Cambria) has prepared this *Site Investigation Report* for the above-referenced site. Cambria supervised the installation of a monitoring well and performed associated soil and groundwater sampling activities as proposed in Cambria's *Downgradient Investigation and Interim Remediation Work Plan* dated August 14, 2000. The site background, previous work, well installation activities, investigation results, and conclusions are presented below. All work was performed in accordance with the City of Berkeley's guidelines.

SITE BACKGROUND

Site Description: The site is located at 3000 Shattuck Avenue, on the southwest corner of Shattuck Avenue and Ashby Avenue in Berkeley, California. The site is occupied by an active ARCO service station consisting of three gasoline USTs, two gasoline dispenser islands, and a station building (see Figure 1).

Regional Geology: The site is situated on alluvial fan deposits of the Temescal Formation, comprised of interfingering lenses of clayey gravel, sandy silt, clay, and sand-clay-silt mixtures (Radburch, D.H., 1957).

Hydrogeology: The site is located approximately 2 miles east of the San Francisco Bay and 1.5 miles north of Temescal Creek in central Berkeley. The topography surrounding the site generally slopes towards the west and northwest at an elevation of about 140 feet above mean sea level. Based on previous investigations, the lithology beneath the site consists of clay, sand, sandy clay, and gravelly clay to a total explored depth of 30 feet below grade (fbg). Static groundwater is at approximately 8 fbg. Based on previous quarterly monitoring events, groundwater flow at the site is generally towards the west.

Surface Water Body and Water Well Survey: Based on a previously performed review of area topographic maps produced by the United States Geological Survey, no water bodies were identified within a 2,000-foot radius of the site. An irrigation well (11K1) is located approximately 2,000 feet south southwest of the site. The well is screened from 50 to 200 feet bgs.

PREVIOUS WORK

UST Removal: On August 11, 2000, Petcon Technologies, Inc. of Torrance, California removed three 12,000-gallon fiberglass USTs from the site. Dr. Nabil Al-Hadithy of the City of Berkeley, Toxic Management Division (BTMD) observed the removal events. No leaks were identified in the USTs during removal activities.

Remediation Efforts: Upon removal of the three USTs, free product was observed in the UST excavation area. Under the direction of BTMD regulator Dr. Al-Hadithy, Cambria coordinated the removal and disposal of approximately 1,200 gallons of free product laden water that entered the UST excavation area. At the request of BTMD regulator Dr. Al-Hadithy, soil and pea-gravel was over-excavated from the UST tank pit area to expose the native soil. See Cambria's *Underground Storage Tank and Piping Removal Report* dated December 12, 2000 for sampling results.

At the request of BTMD regulator Mr. Geoffery Fiedler, the northernmost dispenser island area was over-excavated. The over-excavated area encompassed an 8 by 11 ft area and extended 2 ft below native soil. The product piping trenches were also over-excavated down to 2 ft below native soil.

A total of approximately 1,416 tons of soil was over-excavated from the UST tank pit, northernmost dispenser island, and product piping trenches.

Following soil over-excavation activities, approximately 1,784 gallons of hydrocarbon/MTBE impacted groundwater was removed from monitoring wells AR-1 and A-4, during 6 monthly mobile vacuum truck extraction events.

WELL INSTALLATION ACTIVITIES

One monitoring well was installed to delineate the extent of hydrocarbons in soil and groundwater. Cambria's *Standard Field Procedures for Monitoring Well Installation* are included in Appendix A.

Personnel Present: Cambria Staff Geologist Matthew Meyers performed all field activities, which were overseen by Cambria Senior Geologist Ron Scheele, a California Registered Geologist. Geoffory Fielder of the City of Berkeley Toxics Management Division was onsite to inspect field activities.

Number of Wells: One monitoring well was installed (A-5).

Well Location: Monitoring well A-5 is located down gradient from the station in a driveway at 2030 Ashby Avenue. Well A-5 is located approximately 160 feet west southwest of the station (see Figure 1).

Permits: City of Berkeley Toxics Management Division issued a permit for the installation of well A-5. The well permit is included in Appendix B.

Drilling Company: Gregg Drilling of Martinez, California (C-57 License #485165) performed the well installation.

Drilling Date: Well A-5 was installed on April 26, 2002.

Drilling Method: Eight-inch-diameter hollow stem augers were used to install the two-inch-diameter well.

Sampling Method: The boring was sampled at approximately 5-foot intervals using a modified California split spoon sampler.

Boring Depths: Boring A-5 was advanced to 20.0 fbg.

Groundwater Depths: During drilling, groundwater was first encountered at approximately 15.0 fbg in monitoring well A-5. The static depth to water was later measured at 9.30 fbg in A-5 on April 30, 2002.

Soil Types Encountered: Soils encountered during drilling consisted of sandy gravel fill to approximately 3 fbg, underlain by clay, sandy clay, and clayey sand alluvium to approximately 20 fbg. A saturated zone was encountered at depths from 16.5 fbg to bottom of boring in boring A-5. A soil boring log is included in Appendix B.

Well Construction: Well A-5 was constructed with 2-inch diameter schedule 40 PVC casing, and screened from 10 to a total depth of 20 fbg with 0.010-inch slotted casing. The wells were completed with No. 2/12 sand from the bottom of the boring to approximately 1 ft above the top of the screened casing, which was overlain by 2 ft of bentonite, and bentonite-cement grout to the surface. A locking well cap and 8-inch diameter traffic-rated well box were installed on the well. Well Construction Details and a DWR Well Completion Report are included in Appendix B.

Well Elevation Survey: On May 9, 2002, Virgil Chavez Land Surveying of Vallejo, California surveyed the latitude, longitude, and elevation of the well casing and well box. The survey was performed relative to a City of Berkeley benchmark being a monument in the intersection of Ashby Avenue and Newbury Street. This benchmark's elevation is at 137.15 ft, NGVD 29. The survey report is presented in Appendix C.

Well Development: On April 30, 2002, Cambria developed well A-5 by surging and purging multiple well casing volumes of groundwater until the turbidity was significantly reduced (see Appendix D for the *Well Development Form*). Well development protocol is included in Cambria's *Standard Field Procedures for Monitoring Well Installation* in Appendix A.

Groundwater Monitoring: Depth to groundwater measurements were obtained on April 3 and April 30, 2002. A groundwater elevation map based on the April 30, 2002 monitoring data is presented in Figure 1.

Water Sampling: On April 3, 2002 groundwater samples were collected from monitoring wells AR-1, A-2, A-3, and A-4. During a follow up visit on April 30, 2002, groundwater samples were collected from well A-5. Water sampling protocol is included in Cambria's *Standard Field Procedures for Monitoring Well Installation* in Appendix A.

Chemical Analyses: Soil and groundwater were analyzed for TPHg by modified EPA Method 8015B, benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by modified EPA Method 8021B. The samples were analyzed by Sequoia Analytical of Morgan Hill, California. Soil samples were analyzed for lead by EPA 6020 ICPMS for disposal purposes. Soil analytical results are summarized in Table 1, and the soil sampling laboratory analytical report is presented as Appendix F. Groundwater analytical results are summarized in Table 2, and the laboratory analytical reports are presented as Appendix G. A *Well Depth Measurements* form is presented in Appendix D.

Soil Disposal: Soil cuttings generated during drilling activities were drummed and transported by Dillard Environmental to the Altamont Landfill in Livermore, California, for disposal. The soil disposal confirmation letter and laboratory analytical report are included as Appendix E, respectively.

INVESTIGATION RESULTS

Soil Analytical Results

Hydrocarbon Soil Analytical Results: Petroleum hydrocarbons were detected in boring A-5 at depths of 11.5 and 16.5 feet below grade surface (ft bgs) (Table 1). The maximum TPHg and benzene concentrations were 90 and 0.34 milligrams per kilogram (mg/kg), respectively, detected at 16.5 ft bgs. MTBE was not detected in any of the soil samples.

Groundwater Analytical Results

Hydrocarbon Groundwater Analytical Results: Petroleum hydrocarbons and MTBE were detected in groundwater in the new groundwater monitoring well (Figure 1 and Table 2). TPHg, benzene, and MTBE concentrations were detected at 4,200, 240, and 1,800 micrograms per liter (µg/L), respectively.

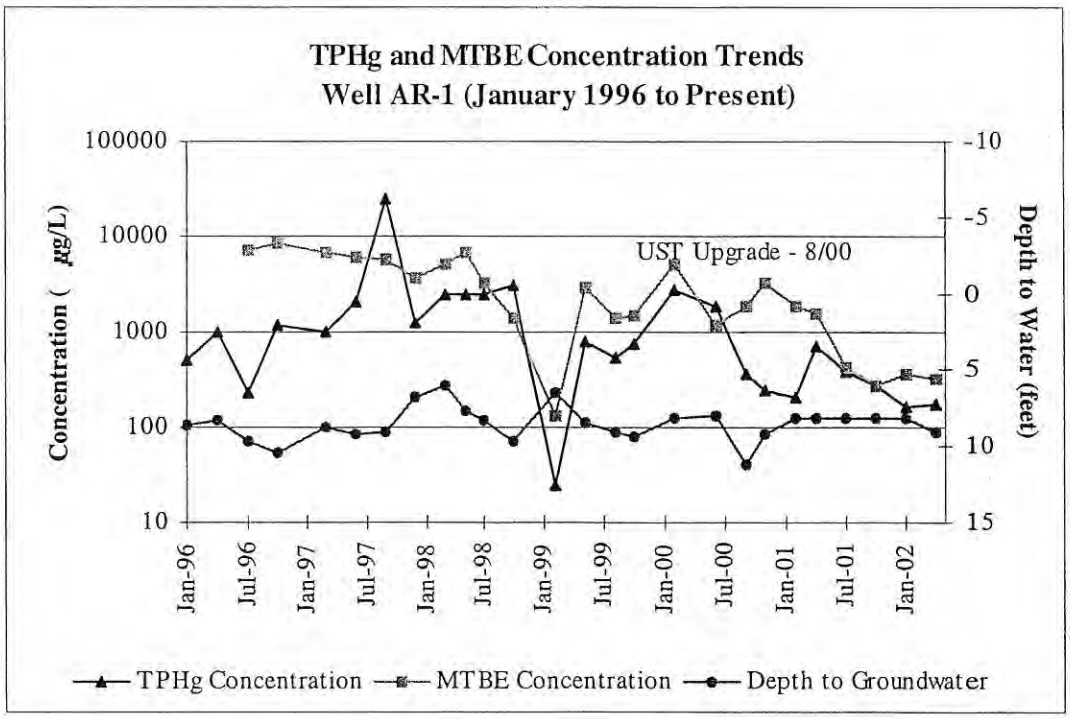
Groundwater Flow Direction and Gradient

Based on depth to water field measurements collected on April 30, 2002, groundwater flows toward the west at a gradient of 0.027 ft/ft. Groundwater monitoring data is summarized in Table 2 and field data sheets are included in Appendix D.

CONCLUSIONS

The geology beneath the site consists of a clay layer to 11 ft bgs underlain by fine to coarse grained alluvium. Drilling indicates that groundwater is under semi-confined conditions and present primarily within a clayey sand zone. Groundwater flows towards the west, which is consistent with the local topography and previous monitoring results. A review of current groundwater sampling results indicate that low hydrocarbon and MTBE concentrations remain onsite and offsite towards the west. The low levels of BTEX constituents relative to TPHg is indicative of an older "weathered" gasoline that has been depleted of its more volatile components as a result of natural attenuation processes.

Due to past remedial efforts (see "Previous Work" section) and ongoing natural attenuation processes, hydrocarbon and MTBE concentrations have decreased significantly in the source area over the past 6 years, especially in well AR-1, which is located down gradient of the USTs (see chart below).



Past source area removal activities should allow the remaining hydrocarbon and MTBE concentrations to naturally attenuate with time. Cambria recommends that well A-5 be monitored and sampled quarterly for one year to confirm decreasing trends, prior to performing any further assessment or remediation activities.

ATTACHMENTS

Figure 1 – Well Location, Groundwater Hydrocarbon Concentration, and Groundwater Elevation Contour Map

Table 1 – Analytical Soil Sample Results
Table 2 – Groundwater Elevation and Analytical Data

Appendix A – Standard Field Procedures for Monitoring Well Installation
Appendix B – Soil Boring Log and Well Construction Details, Well Permit, and DWR Well Completion Report
Appendix C – Survey Report
Appendix D – Well Depth Measurements, Well Sampling, and Well Development Forms
Appendix E – Soil Disposal Confirmation Letter and Laboratory Analytical Report
Appendix F – Soil Sampling Laboratory Analytical Report
Appendix G – Groundwater Sampling Laboratory Analytical Reports

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06/14/02

EXPLANATION

- Monitoring well location
- Recovery well location
- Soil vapor extraction well location
- Abandoned well location
- Groundwater flow direction and gradient
- Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- Well designation
- Groundwater elevation in feet above mean sea level (msl)
- TPHg, Benzene and MTBE concentrations in parts per billion (ppb)

ells A-1 through A-4 were sampled on April 3, 2002
ell A-5 was sampled on April 30, 2002

FIGURE

1

Well Location, Groundwater Hydrocarbon Concentration, and Groundwater Elevation Contour Map

April 30, 2002

CAMBRIA

ARCO Service Station 0414

3000 Shattuck Avenue

Berkeley, California

H:\ARCO\0414\FIGURES\0414-2Q-02.DWG

Table 1
Analytical Soil Sample Results

April 26, 2002

ARCO Service Station No. 414
3000 Shattuck Avenue, Berkeley, California

Sample ID	Sample Depth (fbg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)
A-5@6.5'	6.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
A-5@11.5'	11.5	**6.8**	**0.026**	**0.0056**	**0.054**	**0.044**	<0.050
A-5@16.5'	16.5	**90**	**0.34**	**0.37**	**3.4**	**66**	<1.0

Notes

fbg = feet below grade
mg/kg = milligrams per kilogram
TPHg = total petroleum hydrocarbons as gasoline by EPA Method 8015B
Benzene, Toluene, Ethylbenzene, and Xylenes by EPA Method 8021B
MTBE = methyl tertiary butyl ether by EPA Method 8021B

Table 2
Groundwater Elevation and Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Well Number	Date Gauged/ Sampled		Well Elevation* (feet)	Depth to Water (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Dissolved Oxygen (mg/L)	Purged/ Not Purged (P/NP)
A-1	01/22/96		141.99	9.52	132.47	300	27	<0.5	2.5	1.1	--	--	--
A-1	04/10/96		141.99	8.12	133.87	760	86	2.3	19	5.0	--	--	--
A-1	07/16/96		141.99	8.62	133.37	<5,000	420	<50	91	<50	8,200	--	--
A-1	10/16/96	[1]	141.99	10.13	131.86	<5,000	86	<50	<50	<50	8,400	--	--
A-1	03/27/97		141.99	10.01	131.98	260	54	<2.5	11	<2.5	1,300	--	NP
A-1	06/13/97		141.99	10.57	131.42	2,500	430	15	180	10	3,400	--	NP
A-1	09/17/97		141.99	10.38	131.61	<2,500	220	<25	130	<25	2,900	5.0	NP
A-1	12/12/97		141.99	6.25	135.74	<2,000	<20	<20	<20	<20	1,500	12	NP
A-1	03/16/98		141.99	6.58	135.41	<2,500	280	<25	170	35	4,000	6.0	P
A-1	05/12/98		141.99	7.08	134.91	<2,500	110	<25	36	<25	2,400	1.9	NP
A-1	07/31/98		141.99	9.59	132.40	<2,500	220	<25	130	<25	1,300	9.2	NP
A-1	10/15/98		141.99	9.49	132.50	<500	18	<5	15	<5	800	6.0	NP
A-1	02/16/99	[3]	141.99	6.02	135.97	<50	<0.5	<0.5	<0.5	<0.5	<3	1.0	NP
A-1	05/07/99		141.99	8.37	133.62	600	34	<2.5	26	<2.5	310	8.97	NP
A-1	08/27/99		141.99	8.84	133.15	53	<0.5	<0.5	<0.5	<0.5	300	6.08	NP
A-1	10/26/99		141.99	9.00	132.99	53	1.4	<0.5	<0.5	<1	440	32.47[4]	NP
A-1	02/02/00		141.99	6.58	135.41	200	0.9	<0.5	<0.5	<1	760	2.0	NP
A-1	06/12/00		141.99	7.31	134.68	955	20.7	<5.00	<5.00	<5.00	2,130	--	NP
A-1	09/25/00		Well destroyed during underground storage tank removal and replacement										
A-2	01/22/96		143.31	8.33	134.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
A-2	04/10/96		143.31	8.87	134.44	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
A-2	07/16/96		143.31	10.03	133.28	<50	<0.5	<0.5	<0.5	<0.5	320	--	--
A-2	10/16/96		143.31	10.73	132.58	<100	<1.0	<1.0	<1.0	<1.0	560	--	--
A-2	03/27/97		143.31	8.58	134.73	<50	<0.5	<0.5	<0.5	<0.5	310	--	NP
A-2	06/13/97		143.31	9.05	134.26	<50	<0.5	<0.5	<0.5	<0.5	150	--	NP
A-2	09/17/97		143.31	8.88	134.43	<50	<0.5	<0.5	<0.5	<0.5	95	1.4	NP
A-2	12/12/97		143.31	6.90	136.41	<100	<1.0	<1.0	<1.0	<1.0	110	2.2	NP
A-2	03/16/98		143.31	5.74	137.57	<250	<2.5	<2.5	<2.5	4	420	1.0	P
A-2	05/12/98		143.31	7.63	135.68	<250	<2.5	<2.5	<2.5	<2.5	410	1.5	NP
A-2	07/31/98		143.31	8.11	135.20	<250	<2.5	<2.5	<2.5	<2.5	150	0.5	NP
A-2	10/15/98		143.31	9.83	133.48	<50	<0.5	<0.5	<0.5	<0.5	69	1.5	NP

Table 2
Groundwater Elevation and Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Well Number	Date Gauged/ Sampled		Well Elevation* (feet)	Depth to Water (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Dissolved Oxygen (mg/L)	Purged/ Not Purged (P/NP)
A-2	02/16/99		143.31	6.50	136.81	420	1.6	<0.5	0.7	1.0	3,300	0.5	NP
A-2	05/07/99		143.31	8.15	135.16	<50	<0.5	<0.5	<0.5	<0.5	210	1.17	NP
A-2	08/27/99		143.31	8.83	134.48	<50	<0.5	<0.5	<0.5	<0.5	130	0.52	NP
A-2	10/26/99		143.31	9.28	134.03	<50	<0.5	<0.5	<0.5	<1	71	0.78	NP
A-2	02/02/00		143.31	7.02	136.29	<50	<0.5	<0.5	<0.5	<1	130	1.0	NP
A-2	06/12/00		143.31	7.96	135.35	<50.0	<0.500	<0.500	<0.500	<0.500	90.6	--	NP
A-2	09/25/00		143.31	10.64	132.67	<50.0	<0.500	<0.500	<0.500	<0.500	39.7	0.42	P
A-2	11/20/00		143.31	9.45	133.86	<50.0	<0.500	<0.500	<0.500	<0.500	21.4	1.27	P
A-2	02/12/01		143.31	7.80	135.51	<50.0	<0.500	<0.500	<0.500	<0.500	12.1	0.95	NP
A-2	04/04/01		143.31	6.59	136.72	<50.0	<0.500	<0.500	<0.500	<0.500	106	0.97	NP
DUP	04/04/01		--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	99.7	--	--
A-2	07/18/01		143.31	7.93	135.38	<50	<0.50	<0.50	<0.50	<0.50	88	0.76	NP
A-2	10/01/01		143.31	8.07	135.24	<50	<0.50	<0.50	<0.50	<0.50	41	0.51	NP
A-2	01/09/02		143.31	7.20	136.11	<50	<0.50	<0.50	<0.50	<0.50	58	0.66	NP
A-2	**04/03/02**		**143.31**	**7.95**	**135.36**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**150**	**0.75**	**NP**
A-2	**04/30/02**		**143.31**	**7.69**	**135.62**	--	--	--	--	--	--	--	--
A-3	01/22/96		144.65	8.30	136.35	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
A-3	04/10/96		144.65	8.34	136.31	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
A-3	07/16/96		144.65	9.78	134.87	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
A-3	10/16/96		144.65	10.85	133.80	<50	<0.5	<0.5	<0.5	<0.5	4.0	--	--
A-3	03/27/97		144.65	8.06	136.59	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	NP
A-3	06/13/97		144.65	8.66	135.99	330	130	<0.5	0.61	1.1	130	--	NP
A-3	09/17/97		144.65	8.50	136.15	<50	<0.5	<0.5	<0.5	<0.5	<3	3.0	NP
A-3	12/12/97		144.65	7.15	137.50	<50	<0.5	<0.5	<0.5	<0.5	<3	4.0	NP
A-3	03/16/98		144.65	5.38	139.27	<50	<0.5	<0.5	<0.5	<0.5	<3	1.5	P
A-3	05/12/98		144.65	7.04	137.61	<50	<0.5	<0.5	<0.5	<0.5	<3	2.1	NP
A-3	07/31/98		144.65	7.79	136.86	<50	<0.5	<0.5	<0.5	<0.5	<3	1.5	NP
A-3	10/15/98		144.65	9.81	134.84	<50	<0.5	<0.5	<0.5	<0.5	<3	3.0	NP
A-3	02/16/99	[3]	144.65	6.70	137.95	440	86	4.5	1.3	2.4	1,000	0.5	NP
A-3	05/07/99		144.65	7.69	136.96	<50	<0.5	<0.5	<0.5	<0.5	<3	1.25	NP
A-3	08/27/99		144.65	8.83	135.82	<50	<0.5	<0.5	<0.5	<0.5	<3	0.96	NP

Table 2
Groundwater Elevation and Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Well Number	Date Gauged/ Sampled		Well Elevation* (feet)	Depth to Water (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Dissolved Oxygen (mg/L)	Purged/ Not Purged (P/NP)
A-3	10/26/99		144.65	9.39	135.26	<50	<0.5	<0.5	<0.5	<1	<3	1.13	NP
A-3	02/02/00		144.65	7.36	137.29	<50	<0.5	<0.5	<0.5	<1	<3	1.0	NP
A-3	06/12/00		144.65	7.88	136.77	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	NP
A-3	09/25/00		144.65	9.93	134.72	<50.0	<0.500	<0.500	<0.500	<0.500	2.76	0.24	P
DUP	09/25/00		--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	3.43	--	--
A-3	11/20/00		144.65	8.75	135.90	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	1.39	P
A-3	02/12/01		144.65	7.59	137.06	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	0.71	NP
A-3	04/04/01		144.65	6.90	137.75	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	0.73	NP
A-3	07/18/01		144.65	7.77	136.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.59	NP
A-3	10/01/01		144.65	7.81	136.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.41	NP
A-3	01/09/02		144.65	6.85	137.80	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.50	NP
A-3	**04/03/02**		**144.65**	**7.51**	**137.14**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**	**0.61**	**NP**
A-3	**04/30/02**		**144.65**	**7.40**	**137.25**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
A-4	01/22/96		143.99	7.25	136.74	530	2.1	<0.5	<0.5	<0.5	--	--	--
A-4	04/10/96		143.99	7.94	136.05	320	2.4	1.5	2.3	2.5	--	--	--
A-4	07/16/96		143.99	8.30	135.69	500	4.2	3.7	4.4	8.1	63	--	--
A-4	10/16/96	[1]	143.99	8.95	135.04	370	<0.5	<0.5	0.78	1.4	170	--	--
A-4	03/27/97		143.99	10.83	133.16	230	6.6	1.1	0.82	0.83	210	--	NP
A-4	06/13/97		143.99	10.67	133.32	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	NP
A-4	09/17/97		143.99	10.71	133.28	320	<2.0	<2.0	<2.0	<2.0	210	5.8	NP
A-4	12/12/97		143.99	7.18	136.81	<50	<0.5	<0.5	<0.5	<0.5	79	14	NP
A-4	03/16/98		143.99	8.33	135.66	<200	<2	<2	<2	<2	130	5.0	P
A-4	05/12/98		143.99	7.57	136.42	58	<0.5	0.6	<0.5	<0.5	61	5.4	NP
A-4	07/31/98		143.99	9.67	134.32	<200	<2	<2	<2	<2	120	3.3	NP
A-4	10/15/98		143.99	8.88	135.11	<200	<2	<2	<2	<2	260	6.0	NP
A-4	02/16/99		143.99	7.30	136.69	<50	<0.5	<0.5	<0.5	<0.5	160	3.0	NP
A-4	05/07/99		143.99	7.95	136.04	68	<0.5	<0.5	<0.5	<0.5	120	1.48	NP
A-4	08/27/99		143.99	7.52	136.47	530	<0.5	1.1	0.5	3.3	310	0.50	NP
A-4	10/26/99		143.99	7.77	136.22	950	1.6	4.6	1.3	5.6	310	1.29	NP
A-4	02/02/00		143.99	6.72	137.27	1,300	1.8	7.8	3.9	12	480	1.0	NP
A-4	06/12/00		143.99	7.10	136.89	353	5.59	4.07	4.21	<0.500	255	--	NP

Table 2
Groundwater Elevation and Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Well Number	Date Gauged/ Sampled		Well Elevation* (feet)	Depth to Water (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Dissolved Oxygen (mg/L)	Purged/ Not Purged (P/NP)
A-4	09/25/00		143.99	8.40	135.59	290	<1.00	<1.00	<1.00	<1.00	486	1.27	P
A-4	11/20/00		143.99	7.82	136.17	131	15.5	<1.00	<1.00	<1.00	586	1.24	P
DUP	11/20/00		--	--	--	213	<1.00	<1.00	<1.00	<1.00	617	--	--
A-4	02/12/01		143.99	7.45	136.54	490	<0.500	0.964	1.10	3.25	366	0.55	NP
DUP	02/12/01		--	--	--	404	<0.500	0.762	0.593	2.39	434	--	--
A-4	04/04/01		143.99	6.24	137.75	270	<0.500	<0.500	0.582	1.50	274	0.70	NP
A-4	07/18/01		143.99	7.51	136.48	210	<0.50	<0.50	<0.50	<0.50	510	0.55	NP
A-4	10/01/01		143.99	7.69	136.30	<100	<1.0	<1.0	<1.0	<1.0	240	0.48	NP
A-4	01/09/02		143.99	6.90	137.09	250	<0.50	<0.50	0.56	1.3	160	0.50	NP
DUP	01/09/02		--	--	--	220	<0.50	<0.50	0.63	0.94	160	--	--
A-4	**04/03/02**		**140.00**	**7.85**	**132.15**	**220**	**1.5**	**0.97**	**0.75**	**1.6**	**82**	**0.63**	**NP**
DUP	**04/03/02**		**--**	**--**	**--**	**330**	**3.9**	**1.2**	**1.6**	**<0.50**	**86**	**--**	**--**
A-4	**04/30/02**		**140.00**	**7.63**	**132.37**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
A-5	**04/30/02**		**138.05**	**9.30**	**128.75**	**4,200**	**240**	**<10**	**<10**	**370**	**1,800**	**0.59**	**P**
AR-1	01/22/96		142.43	8.58	133.85	<1,000	11	<10	<10	<10	--	--	--
AR-1	04/10/96		142.43	8.28	134.15	1,000	35	10	2.5	5.4	--	--	--
AR-1	07/16/96		142.43	9.68	132.75	230	49	<5.0	<5.0	9.1	7,100	--	--
AR-1	10/16/96		142.43	10.48	131.95	1,200	41	<5.0	<5.0	16	8,300	--	--
AR-1	03/27/97		142.43	8.75	133.68	<2,000	190	<20	<20	<20	6,600	--	NP
AR-1	06/13/97		142.43	9.17	133.26	2,100	250	<20	<20	<20	6,000	--	NP
AR-1	09/17/97		142.43	9.06	133.37	<50,000	<500	<500	<500	<500	5,600	1.8	NP
AR-1	09/17/97	[2]	142.43	--	--	--	--	--	--	--	4,700	--	--
AR-1	12/12/97		142.43	6.84	135.59	<2,500	<25	<25	<25	28	3,600	2.0	NP
AR-1	03/16/98		142.43	5.94	136.49	<5,000	<50	<50	<50	61	5,200	1.0	P
AR-1	05/12/98		142.43	7.69	134.74	<5,000	<50	<50	<50	<50	6,900	1.0	P
AR-1	07/31/98		142.43	8.24	134.19	<5,000	<50	<50	<50	<50	3,200	0.4	NP

Table 2
Groundwater Elevation and Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline, BTEX Compounds, and MTBE)

ARCO Service Station 0414
3000 Shattuck Avenue, Berkeley, California

Well Number	Date Gauged/ Sampled	Well Elevation* (feet)	Depth to Water (feet, TOC)	Groundwater Elevation (feet)	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Dissolved Oxygen (mg/L)	Purged/ Not Purged (P/NP)
AR-1	10/15/98	142.43	9.61	132.82	3,100	12	<10	12	<10	1,400	1.5	NP
AR-1	02/16/99	142.43	6.44	135.99	<50	<0.5	<0.5	<0.5	<0.5	130	1.0	P
AR-1	05/07/99	142.43	8.50	133.93	810	1.8	<0.5	0.6	<0.5	2,900	0.73	NP
AR-1	08/27/99	142.43	9.04	133.39	530	2.2	1.8	0.5	1.9	1,400	0.46	NP
AR-1	10/26/99	142.43	9.40	133.03	770	1.4	1.4	1.0	4.9	1,500	0.50	NP
AR-1	02/02/00	142.43	8.15	134.28	2,700	9.5	2.2	3.9	7.1	5,100	1.0	NP
AR-1	06/12/00	142.43	8.02	134.41	1,860	<5.00	<5.00	<5.00	<5.00	1,180	--	NP
AR-1	09/25/00	142.43	11.25	131.18	366	<0.500	<0.500	<0.500	0.665	1,890	0.30	P
AR-1	11/20/00	142.43	9.20	133.23	<500	<5.00	<5.00	<5.00	<5.00	3,310	1.21	NP
AR-1	02/12/01	142.43	8.09	134.34	209	<0.500	0.657	<0.500	1.15	1,880	0.39	NP
AR-1	04/04/01	142.43	8.15	134.28	725	<1.00	<1.00	1.05	<1.00	1,590	0.61	NP
AR-1	07/18/01	142.43	8.10	134.33	380	0.86	<0.50	0.53	<0.50	430	0.47	NP
DUP	07/18/01	--	--	--	410	<0.50	<0.50	<0.50	<0.50	520	--	--
AR-1	10/01/01	142.43	8.14	134.29	270	<0.50	<0.50	2.0	1.7	280	0.58	NP
DUP	10/01/01	--	--	--	240	<0.50	<0.50	1.5	1.3	240	--	--
AR-1	01/09/02	142.43	8.13	134.30	170	<0.50	<0.50	0.88	1.1	360	0.51	NP
AR-1	**04/03/02**	**142.43**	**9.09**	**133.34**	**180**	**1.5**	**0.82**	**<0.50**	**<0.50**	**330**	**0.70**	**NP**
AR-1	**04/30/02**	**142.43**	**8.85**	**133.58**	--	--	--	--	--	--	--	--

Notes:

*	= Elevation of well box in feet relative to mean sea level
TOC	= Groundwater measurement relative to top of well casing
TPH	= Total petroleum hydrocarbons by modified EPA method 8015
BTEX	= Benzene, toluene, ethylbenzene, total xylenes by EPA method 8021B. (EPA method 8020 prior to 10/26/99).
MTBE	= Methyl Tertiary Butyl Ether by EPA method 8021B. (EPA method 8020 prior to 10/26/99).
ug/L	= Micrograms per liter, or parts per billion
mg/L	= Milligrams per liter, or parts per million
<	= Less than laboratory detection limit stated to the right.
--	= not applicable or not analyzed
[1]	= Oxygen enhancement program was initiated. Please refer to Remedial System Performance Evaluation (Appendix D) for details.
[2]	= MTBE confirmed by EPA Method 8240.
[3]	= Pinnacle suspects that the samples collected from wells A-1 and A-3 may have been interchanged, based on well locations respective to the USTs and historical analytical data.
[4]	= erroneous field measurement suspected.
DUP	= duplicate

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Appendix A
Standard Field Procedures for Monitoring Well Installation

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STANDARD FIELD PROCEDURES FOR MONITORING WELL INSTALLATION

This document presents standard field methods for drilling and sampling soil borings and installing, developing and sampling groundwater monitoring wells. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

SOIL BORINGS

Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor or staining, and to collect samples for analysis at a State-certified laboratory. All borings are logged using the Unified Soil Classification System by a trained geologist working under the supervision of a California Registered Geologist (RG).

Soil Boring and Sampling

Soil borings are typically drilled using hollow-stem augers or direct-push technologies such as the Geoprobe®. Soil samples are collected at least every five ft to characterize the subsurface sediments and for possible chemical analysis. Additional soil samples are collected near the water table and at lithologic changes. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments at the bottom of the borehole.

Drilling and sampling equipment is steam-cleaned prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

Sample Analysis

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4° C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

Field Screening

One of the remaining tubes is partially emptied leaving about one-third of the soil in the tube. The tube is capped with plastic end caps and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable volatile vapor analyzer measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. Volatile vapor analyzer measurements are used along with the field observations, odors, stratigraphy and groundwater depth to select soil samples for analysis.

Water Sampling

Water samples, if they are collected from the boring, are either collected using a driven Hydropunch® type sampler or are collected from the open borehole using bailers. The groundwater samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

Grouting

If the borings are not completed as wells, the borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

MONITORING WELL INSTALLATION, DEVELOPMENT AND SAMPLING

Well Construction and Surveying

Groundwater monitoring wells are installed to monitor groundwater quality and determine the groundwater elevation, flow direction and gradient. Well depths and screen lengths are based on groundwater depth, occurrence of hydrocarbons or other compounds in the borehole, stratigraphy and State and local regulatory guidelines. Well screens typically extend 10 to 15 fee below and 5 feet above the static water level at the time of drilling. However, the well screen will generally not extend into or through a clay layer that is at least three feet thick.

Well casing and screen are flush-threaded, Schedule 40 PVC. Screen slot size varies according to the sediments screened, but slots are generally 0.010 or 0.020 inches wide. A rinsed and graded sand occupies the annular space between the boring and the well screen to about one to two feet above the well screen. A two feet thick hydrated bentonite seal separates the sand from the overlying sanitary surface seal composed of Portland type I,II cement.

Well-heads are secured by locking well-caps inside traffic-rated vaults finished flush with the ground surface. A stovepipe may be installed between the well-head and the vault cap for additional security.

The well top-of-casing elevation is surveyed with respect to mean sea level and the well is surveyed for horizontal location with respect to an onsite or nearby offsite landmark.

Well Development

Wells are generally developed using a combination of groundwater surging and extraction. Surging agitates the groundwater and dislodges fine sediments from the sand pack. After about ten minutes of surging, groundwater is extracted from the well using bailing, pumping and/or reverse air-lifting through an eductor pipe to remove the sediments from the well. Surging and extraction continue until at least ten well-casing volumes of groundwater are extracted and the sediment volume in the groundwater is negligible. This process usually occurs prior to installing the sanitary surface seal to ensure sand pack stabilization. If development occurs after surface seal installation, then development occurs 24 to 72 hours after seal installation to ensure that the Portland cement has set up correctly.

All equipment is steam-cleaned prior to use and air used for air-lifting is filtered to prevent oil entrained in the compressed air from entering the well. Wells that are developed using air-lift evacuation are not sampled until at least 24 hours after they are developed.

Groundwater Sampling

Depending on local regulatory guidelines, three to four well-casing volumes of groundwater are purged prior to sampling. Purging continues until groundwater pH, conductivity, and temperature have stabilized. Groundwater samples are collected using bailers or pumps and are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

Waste Handling and Disposal

Soil cuttings from drilling activities are usually stockpiled onsite and covered by plastic sheeting. At least three individual soil samples are collected from the stockpiles and composited at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples in addition to any analytes required by the receiving disposal facility. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Groundwater removed during development and sampling is typically stored onsite in sealed 55-gallon drums. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Upon receipt of analytic results, the water is either pumped out using a vacuum truck for transport to a licensed waste treatment/disposal facility or the individual drums are picked up and transported to the waste facility where the drum contents are removed and appropriately disposed.

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Appendix B

Soil Boring Log and Well Construction Details, Well Permit, and DWR Well Completion Report

Cambria Environmental Technology, Inc.
1144 - 65th St.
Oakland, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	ARCO	**BORING/WELL NAME**	A-5/A-5
JOB/SITE NAME	Off Site Well Install / Site Assessment	**DRILLING STARTED**	26-Apr-02
LOCATION	2030 Ashby Avenue, Berkeley	**DRILLING COMPLETED**	26-Apr-02
PROJECT NUMBER	438-1775-008	**WELL DEVELOPMENT DATE (YIELD)**	30-Apr-02 (16.5)
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	138.05 ft above msl
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	137.90 ft above msl
BORING DIAMETER	8 inch	**SCREENED INTERVAL**	10 to 20 ft bgs
LOGGED BY	M. Meyers	**DEPTH TO WATER (First Encountered)**	15.0 ft (26-Apr-02) ▽
REVIEWED BY	R. Scheele, RG# 6842	**DEPTH TO WATER (Static)**	9.30 ft (30-Apr-02) ▼
REMARKS			

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							CONCRETE	0.3	Portland Type I/II Cement
							FILL: grey brown; medium dense; moist; 50% gravel, 35% sand, 10% cobbles, 5% clay; subangular cobbles to 110mm; high estimated permeability.	3.0	
					CH		**CLAY**: dark brown; medium stiff; wet; 90% clay, 10% medium grained sand; high plasticity; low estimated permeability; mottled.	4.0	
				5			@ 3.5' - becomes grey brown; stiff; moist.		
		A-6@6.5					**Sandy CLAY**: light brown; stiff; moist; 75% clay, 25% very fine to fine sand; medium plasticity; low estimated permeability; mottled; FeO2 oxidation.	6.0	Bentonite Seal
					CL CH		**Sandy CLAY - Clayey SAND**: light brown; stiff; moist; 45% fine to medium sand, 45% clay, 10% well rounded gravel; gravel to 10mm; mottled; FeO2 oxidation. ▼		Monterey Sand #2/12
				10					
		A-6@ 11.5					**Clayey SAND**: blue grey; dense; wet; 65% medium sand, 30% clay, 5% gravel to 25mm; low plasticity; medium estimated permeability; mottled; FeO2 oxidation.	11.0	
							▽		
				15	SC				2"-diameter, 0.010" Slotted Schedule 40 PVC
		A-6@ 16.5					@ 16' - becomes red brown; saturated; 10% gravel; well rounded gravels to 10mm; fine to medium sand.		
		A-6@20						19.5	
				20			**Sandy CLAY**: red brown; stiff; saturated; 80% clay, 20% sand; high plasticity; low estimated permeability; FeO2 oxidation.	20.0	Bottom of Boring @ 20 ft

WELL LOG (TPH-G) H:\ARCO\0414\GINT\ARCO414.GPJ DEFAULT.GDT 6/21/02

JEFF FIEDLER
INSPECTOR

Department of Planning and Development
TOXICS MANAGEMENT DIVISION
A Certified Unified Program Agency

Permit No.: 02-W35
Date Issued: 7/2/02

APPLICATION FOR MONITORING WELL INSTALLATION, DESTRUCTION OR MODIFICATION SOIL BORING INSTALLATION, GRAB GROUND-WATER SAMPLING POINT INSTALLATION

Name of Facility: 0414 ARCO
Address: 2030 ASHBY AVENUE Berkeley CA 94703
Telephone: (business) 925-299-8891 (emergency) 510-604-7259

Property Owner: ARCO ; PAUL SUPPLE (ENV. MANAGER)
Owner Address: 4 CENTERPOINTE DRIVE, LA PALMA, CA 90623

Supervising Geological/Engineering Co.: CAMBRIA ENV. TECH., INC.
Address: 6262 HOLLIS ST., EMERYVILLE, CA 94608
Contractor License No. _____ Type _____ Expiration Date _____
Local Contact Person MATT MEYERS
Telephone: 510 450 8291 Fax: 510 450 8295

Drilling Co.: GREGG DRILLING
Address: 950 HOWE ROAD, MARTINEZ, CA
Local Contact Person CHRIS PRUNER
Telephone: 925-313-5800 Fax: 925-313-0302
License No. 485165 Type C57 Expiration Date 1-31-2004

Type of Work	Well Specifications
Install 1 Monitor Wells Destroy ____ Monitor Wells Drill ____ Temporary Soil Borings Drill ____ Temporary GW Sampling Points Modify ____ wells by installing pumps/vacuums in wells for remediation systems	Well Excavation Diameter 8" Well Casing Diameter 2" Gauge of Casing Sch 40 Well Depth 20' Type of Grout Neat Other _____

2118 Milvia Street, Suite 200, Berkeley, California 94704 TEL: (510) 705 8150 TDD: (510) 981-6903 FAX: (510) 540 5672
E-mail address: toxics@ci.berkeley.ca.us

RECEIVED
APR 01 2002

Provide below, or attach, a scaled plan identifying the locations of the proposed drilling locations, property boundaries, streets, structures, pollution source areas, buried and overhead utility lines.

see attachment

Groundwater monitoring wells must be registered with the California Department of Water Resources using DWR Form 133. Monitoring Well, Survey, and Groundwater Analyses must also be registered with the State Water Resources Control Board. For information contact GEOTRACKER at 1-800-506-9118 or online at geotrackerhelp@ecointeractive.com.

Schedule of Fees

$300	First well install/destruction	$150	First boring or temp sampling/dewatering	$300	Install new equipment or otherwise modify well
$90	Per additional well, install/destruction	$90	Per additional boring/ temporary groundwater sampling point	$90	Each additional well modification
	TOTAL		TOTAL		TOTAL

You are required to call the Toxics Management Division (TMD) and schedule an inspection of the grout sealing of boreholes or wells. Notification should be provided a minimum of 48 hours in advance of first scheduled day of drilling. You must inform TMD of any contamination found. Please forward report to TMD upon completion.

I certify that I have prepared this application and that the work will be done in accordance with the provisions of the laws of the State of California, the ordinances of the City of Berkeley and the rules and regulations of the City of Berkeley.

Signed _____ Representing CAMBRIA Date 3/27/02

02-W35

Fees Received 300	Check No./Receipt No. 1988
Permit Approved by _____	Date 4/2/02
Permit expires on 7/2/02	
(90 days from approval date)	

2118 Milvia Street, Suite 200, Berkeley, California 94704 TEL: (510) 705 8150 TDD: (510) 981-6903 FAX: (510) 540 5672
E-mail address: toxics@ci.berkeley.ca.us

TRIPLICATE
Owner's Copy

Page ___ of ___

Owner's Well No. A-5

Date Work Began 4/26/02, Ended 4/26/02

Local Permit Agency CITY OF BERKELEY TOXICS MANAGEMENT DIV

Permit No. 02-W35 Permit Date 4/2/02

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 818412

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD HOLLOW STEM FLUID ___

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	0.25	CONCRETE
0.25	3	FILL: GRAY BROWN, MED. DENSE, MOIST, 50% GRAVEL, 35% SAND, 10% COBBLES, 5% CLAY, SUBANGULAR COBBLES, TO 110 MM, HIGH ESTIMATED PERMEABILITY.
3	4	CLAY: DARK BROWN, MEDIUM STIFF, WET, 90% CLAY, 10% MED GRAINED SAND, HIGH PLASTICITY, LOW ESTIMATED PERMEABILITY, MOTTLED.
4	6	SANDY CLAY: LIGHT BROWN, STIFF, MOIST, 75% CLAY, 25% VERY FINE TO FINE SAND, MEDIUM PLASTICITY, LOW ESTIMATED PERMEABILITY, MOTTLED FeO_2 OXIDATION.
6	11	SANDY CLAY TO CLAYEY SAND: LIGHT BROWN, STIFF, MOIST, 45% CLAY, 10% WELL ROUNDED GRAVEL, GRAVEL TO 10 MM, MOTTLED, FeO_2 OXIDATION.
11	19.5	CLAYEY SAND: BLUE GRAY, DENSE, WET, 65% MED SAND, 5% GRAVEL TO 25 MM, LOW PLASTICITY, MED ESTIMATED PERMEABILITY, PRODUCT ODOR, MOTTLED, FeO_2 OXIDATION.
16	19.5	BECOMES RED BROWN, STIFF, SATURATED, WELL ROUNDED GRAVELS TO 10 MM, FINE TO MED. SAND, STRONG PRODUCT ODOR,
19.5	20	SANDY CLAY: RED BROWN, STIFF, SATURATED, 80% CLAY, 20% SAND, HIGH PLASTICITY, LOW ESTIMATED PERMEABILITY, FeO_2 OXIDATION

TOTAL DEPTH OF BORING 20 (Feet)
TOTAL DEPTH OF COMPLETED WELL 19.5 (Feet)

WELL OWNER

Name ARCO - PAUL SUPPLE, ENV MANAGER
Mailing Address 4 CENTERPOINTE DRIVE
City LA PALMA California 90623
(City) (State) (ZIP)

WELL LOCATION

Address 2030 ASHBY AVENUE
City BERKELEY
County ALAMEDA
APN Book ___ Page ___ Parcel ___
Township ___ Range ___ Section ___
Latitude ___ DEG. ___ MIN. ___ SEC. NORTH
Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USES (✓)

WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ✓
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 15 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 9.30 (Ft.) & DATE MEASURED 4/30/02
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
* *May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	10	8	✓				PVC	2	SCH 40	✓
10	20	8		✓			PVC	2	SCH 40	0.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	7	✓			
7	9		✓		
9	20			✓	MONTEREY SAND #2/12

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
✓ Other LOCATION MAP

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME MATTHEW A. MEYERS (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED) OF CAMBRIA ENV. TECH., INC.
ADDRESS 6262 HOLLIS STREET, CITY EMERYVILLE, STATE CA, ZIP 94608
Signed ___ (WELL DRILLER/AUTHORIZED REPRESENTATIVE)
DATE SIGNED 6/3/02
C-57 LICENSE NUMBER ___

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

CAMBRIA

Appendix C

Survey Report

Virgil Chavez Land Surveying
312 Georgia Street, Suite 225
Vallejo, California 94590-5907
(707) 553-2476 • Fax (707) 553-8698

May 23, 2002
Project No.: 2111-21

Matt Meyers
Cambria Environmental
6262 Hollis Street
Emeryville, CA 94608

Subject: Monitoring Well Survey
ARCO Service Station
3000 Shattuck Avenue
Berkeley, CA

Dear Matt:

This is to confirm that we have proceeded at your request to survey the new ground water monitoring well located at the above referenced location. The survey was completed on May 9, 2002. The benchmark for this survey was a City of Berkeley benchmark being a monument at the intersection of Ashby Avenue and Newbury Street. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).
Benchmark Elevation 137.15 feet (NGVD 29).

Latitude	Longitude	Northing	Easting	Elev.	Desc.
				144.00	RIM A-4
37.8551361	-122.2666361	2138650.39	6051652.11	143.80	TOC A-4
				138.05	RIM A-5
37.8550089	-122.2675022	2138608.83	6051401.23	137.90	TOC A-5

Sincerely,

Virgil D. Chavez, PLS 6323

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Appendix D

Well Depth Measurements, Well Sampling, and Well Development Forms

CAMBRIA

WELL DEPTH MEASUREMENTS

Well ID	Time	Product Depth	Water Depth	Product Thickness	Well Depth	Comments DO = mg/L
AR-1	10:45		9.09			0.70
A-2	10:35		7.95			0.75
A-3	10:30		7.51			0.61
A-4	10:40		7.85			0.63

Project Name: Asco 414

Project Number: - 439-1802

Measured By: L. Hill

Date: 4-3-02

F:\TEMPLATE\FORMS\FIELD\GW-DEPTH.WPD

CAMBRIA

WELL SAMPLING FORM

Project Name: Arco 414	Cambria Mgr: RAS	Well ID: AR-1
Project Number: 439-1813	Date: 04/03/02	Well Yield: -------
Site Address: 3000 Shattuck Berkeley Ca	Sampling Method: **Disposable bailer**	Well Diameter: **" pvc** Technician(s): SG
Initial Depth to Water: 9.09	Total Well Depth:	Water Column Height:
Volume/ft:	1 Casing Volume:	3 Casing Volumes:
Purging Device: **sub pump/ bailer**	Did Well Dewater?:	Total Gallons Purged:
Start Purge Time:	Stop Purge Time:	Total Time:

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. C	pH	Cond. uS	Comments
		no purge			

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
AR-1	**04/05/02**	12:00	**4 voa**	**HCl**	**TPHg BTEX MTBE**	

CAMBRIA

WELL SAMPLING FORM

Project Name: Arco 414	Cambria Mgr: RAS	Well ID: A-2
Project Number: 439-1813	Date: 04/03/02	Well Yield: -------
Site Address: 3000 Shattuck Berkeley Ca	Sampling Method: **Disposable bailer**	Well Diameter: **" pvc** Technician(s): SG
Initial Depth to Water: 7.95	Total Well Depth:	Water Column Height:
Volume/ft:	1 Casing Volume:	3 Casing Volumes:
Purging Device: **sub pump/ bailer**	Did Well Dewater?:	Total Gallons Purged:
Start Purge Time:	Stop Purge Time:	Total Time:

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. C	pH	Cond. uS	Comments
		No Purge			

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
A-2	**04/05/02**	11:15	**4 voa**	**HCl**	**TPHg BTEX MTBE**	

CAMBRIA

WELL SAMPLING FORM

Project Name:Arco 414	Cambria Mgr: RAS	Well ID: A-3
Project Number: 439-1813	Date: 04/03/02	Well Yield: -------
Site Address: 3000 Shattuck Berkeley Ca	Sampling Method: **Disposable bailer**	Well Diameter: **" pvc** Technician(s): SG
Initial Depth to Water: 7.51	Total Well Depth:	Water Column Height:
Volume/ft:	1 Casing Volume:	3 Casing Volumes:
Purging Device: **sub pump/ bailer**	Did Well Dewater?:	Total Gallons Purged:
Start Purge Time:	Stop Purge Time:	Total Time:

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. C	pH	Cond. uS	Comments
			no purge		

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
A-3	**04/05/02**	11:30	**4 voa**	**HCl**	**TPHg BTEX MTBE**	

CAMBRIA

WELL SAMPLING FORM

Project Name:Arco 414	Cambria Mgr: RAS	Well ID: A-4
Project Number: 439-1813	Date: 04/03/02	Well Yield: -------
Site Address: 3000 Shattuck Berkeley Ca	Sampling Method: **Disposable bailer**	Well Diameter: **" pvc** Technician(s): SG
Initial Depth to Water: 7.85	Total Well Depth:	Water Column Height:
Volume/ft:	1 Casing Volume:	3 Casing Volumes:
Purging Device: **sub pump/ bailer**	Did Well Dewater?:	Total Gallons Purged:
Start Purge Time:	Stop Purge Time:	Total Time:

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Casing Volume	Temp. C	pH	Cond. uS	Comments
		NO purge			

Sample ID	Date	Time	Container Type	Preservative	Analytes	Analytic Method
A-4	**04/05/02**	11:45	**4 voa**	**HCl**	**TPHg BTEX MTBE**	
DUP						

CAMBRIA

WELL DEPTH MEASUREMENTS

Well ID	Time	Product Depth	Water Depth	Product Thickness	Well Depth	Comments
AR-1	3:50		8.85			
A-2	3:40		7.69			
A-3	3:35		7.40			
A-4	3:45		7.63			
A-5	3:30		9.30		19.50	

Project Name: Arco 414

Project Number: 439-1802

Measured By: J. Hill

Date: 4-30-02

F:\TEMPLATE\FORMS\FIELD\GW-DEPTH.WPD

CAMBRIA

WELL DEVELOPMENT FORM

Project Name: Arco 414	Cambria Mgr: RAS	Well ID: A-5
Project Number:439-1802	Date: 4-30-02	Well Yield:
Site Address: 3000 Shattuck Ave. Berkeley, Ca	Development Method: Surge Block	Well Diameter: 2"pvc
		Technician(s): SG
Initial Depth to Water: 9.30	Total Well Depth: 19.50	Water Column Height: 10.20
Volume/ft: 0.16	1 Casing Volume: 1.63	10 Casing Volumes: 16.3
Purging Device: bailer	Did Well Dewater?: no	Total Gallons Purged: 16.5

1 Casing Volume = Water column height x Volume/ ft.

Well Diam.	Volume/ft (gallons)
2"	0.16
4"	0.65
6"	1.47

Time	Activity	Water Depth	Gallons Purged	Comments
4:00	surged			15 min surged
4:20	purged	9.30	0	pH / cond / temp /
1:30	purged		1.5	7.15 3999 16.0 brown silty
4:50	purged		3.0	7.50 3999 15.9 " "
5:00	"		4.5	7.28 3999 15.8 " "
5:10	"		6.0	slow recharge " "
5:25	"		7.5	7.10 3999 15.8 clear
5:35	"		9.0	7.15 3999 15.8 "
5:40	"		10.5	7.12 3999 16.0 "
5:50	"		12.0	7.18 3999 15.9 "
6:00	"		13.5	7.15 3999 15.9 "
6:10	"		15.0	7.21 3999 16.0 "
6:20	"		16.5	7.19 3999 15.9 "
6:22	"	18.47		
6:25	sampled well			DO= 0.59mg/L

D:\TEMPLATE\FORMS\FIELD\WELL-DEV.WPD
NSM 5/24/94

CAMBRIA

Appendix E

Soil Disposal Confirmation Letter and Laboratory Analytical Report

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000[illegible]

Manifest Document No. [illegible] 2. Page 1 of [illegible]

3. Generator's Name and Mailing Address
[illegible]
[illegible]
[illegible], CA
4. Generator's Phone ([illegible]

BILL: ATLANTIC RICHFIELD
PO BOX 9025
LOS ANGELES, CA 90009
ATTN: RAUL SOTELO

5. Transporter 1 Company Name | 6. US EPA ID Number

A. State Transporter's ID
B. Transporter 1 Phone ( )

7. Transporter 2 Company Name | 8. US EPA ID Number

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
ALTAMONT LANDFILL
10840 ALTAMONT PASS ROAD
LIVERMORE, CA 94550

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (925) 449-6160

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON HAZ SOIL, (pH: 5504/5506)	[illegible]	DM	[illegible]	T
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a. 5504/5506
b.
c.
d.

H. Handling Codes for Wastes Listed Above
4.5 @ 70

15. Special Handling Instructions and Additional Information
Emergency Contact: (925)634-6850 DILLARD
DOT ERG# 171

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
P. DILLARD PER AGCY		

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 18.

Printed/Typed Name	Signature	Date (Month / Day / Year)
	[signature]	5/31/

GENERATOR
TRANSPORTER
FACILITY
NON-HAZARDOUS WASTE

CF14 LABELMASTER® (800) 621-5808 www.labelmaster.com
PRINTED ON RECYCLED PAPER USING SOY INK

WM
WASTE MANAGEMENT

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

6 May, 2002

Ron Scheele
Cambria - Emeryville
6262 Hollis St.
Emeryville, CA 94608

RE: ARCO 414, Berkeley-Ashby, CA
Sequoia Report: MLD0520

Enclosed are the results of analyses for samples received by the laboratory on 04/26/02 19:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/06/02 14:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP 1-4 (COMP)	MLD0520-01	Soil	04/26/02 12:00	04/26/02 19:40

Samples were received at 6 degrees Celsius.

Sequoia Analytical - Morgan Hill

Latonya K. Pelt

Latonya Pelt, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/06/02 14:46

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP 1-4 (COMP) (MLD0520-01) Soil Sampled: 04/26/02 12:00 Received: 04/26/02 19:40									
Gasoline Range Organics (C6-C10)	**2.1**	1.0	mg/kg	1	2D30005	04/30/02	04/30/02	8015Bm/8021B	P-03
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.012**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.049**	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*122 %*		*60-140*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.5 %*		*60-140*	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/06/02 14:46

Total Metals by EPA 6020 ICPMS

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP 1-4 (COMP) (MLD0520-01) Soil Sampled: 04/26/02 12:00 Received: 04/26/02 19:40									
Lead	**4500**	2500	ug/kg	10	2D29025	04/29/02	05/01/02	EPA 6020	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/06/02 14:46

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2D30005 - EPA 5030B [P/T]										
Blank (2D30005-BLK1)				Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.218*		"	*0.200*		*109*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.192*		"	*0.200*		*96.0*	*60-140*			
LCS (2D30005-BS1)				Prepared & Analyzed: 04/30/02						
Benzene	0.236	0.0050	mg/kg	0.200		118	60-140			
Toluene	0.242	0.0050	"	0.200		121	60-140			
Ethylbenzene	0.259	0.0050	"	0.200		130	60-140			
Xylenes (total)	0.825	0.0050	"	0.600		138	60-140			
Surrogate: a,a,a-Trifluorotoluene	*0.280*		"	*0.200*		*140*	*60-140*			*S-LIM*
Surrogate: 4-Bromofluorobenzene	*0.186*		"	*0.200*		*93.0*	*60-140*			
LCS (2D30005-BS2)				Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	4.73	1.0	mg/kg	5.00		94.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	*0.242*		"	*0.200*		*121*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.190*		"	*0.200*		*95.0*	*60-140*			
Matrix Spike (2D30005-MS1)		**Source: MLD0552-01**		Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	9.60	1.0	mg/kg	11.0	ND	84.9	60-140			
Benzene	0.163	0.0050	"	0.132	ND	123	60-140			
Toluene	0.800	0.0050	"	0.794	ND	101	60-140			
Ethylbenzene	0.215	0.0050	"	0.184	ND	117	60-140			
Xylenes (total)	1.20	0.0050	"	0.922	ND	130	60-140			
Surrogate: a,a,a-Trifluorotoluene	*0.238*		"	*0.200*		*119*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.234*		"	*0.200*		*117*	*60-140*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/06/02 14:46

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2D30005 - EPA 5030B [P/T]										
Matrix Spike Dup (2D30005-MSD1)		**Source: MLD0552-01**		Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	9.30	1.0	mg/kg	11.0	ND	82.2	60-140	3.17	25	
Benzene	0.153	0.0050	"	0.132	ND	116	60-140	6.33	25	
Toluene	0.807	0.0050	"	0.794	ND	102	60-140	0.871	25	
Ethylbenzene	0.228	0.0050	"	0.184	ND	124	60-140	5.87	25	
Xylenes (total)	1.16	0.0050	"	0.922	ND	126	60-140	3.39	25	
Surrogate: a,a,a-Trifluorotoluene	*0.232*		"	*0.200*		*116*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.205*		"	*0.200*		*102*	*60-140*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/06/02 14:46

Total Metals by EPA 6020 ICPMS - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2D29025 - EPA 3050B										
Blank (2D29025-BLK1)				Prepared: 04/29/02 Analyzed: 05/01/02						
Lead	ND	250	ug/kg							
LCS (2D29025-BS1)				Prepared: 04/29/02 Analyzed: 05/01/02						
Lead	24900	2500	ug/kg	25000		99.6	80-120			
Matrix Spike (2D29025-MS1)		Source: MLD0520-01		Prepared: 04/29/02 Analyzed: 05/01/02						
Lead	27400	2500	ug/kg	25000	4500	91.6	80-120			
Matrix Spike Dup (2D29025-MSD1)		Source: MLD0520-01		Prepared: 04/29/02 Analyzed: 05/01/02						
Lead	27600	2500	ug/kg	25000	4500	92.4	80-120	0.727	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/06/02 14:46

Notes and Definitions

P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C10
S-LIM	The surrogate recovery was outside control limits. The result may still be useful for its intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

DISPOSAL

ARCO Products Company
Division of Atlantic Richfield Company

Chain of Custody

Task Order No. WA # ~~27014.00~~ 28623.00

ARCO Facility no. 414	City (Facility) BERKELEY-ASHBY	Project manager (Consultant) RON SCHEELE	Laboratory name SEQUOIA
ARCO engineer PAUL SUPPLE	Telephone no. (ARCO) 925-299-8891	Telephone no. (Consultant) 510 450 1983	Fax no. (Consultant) 510 450 8295
Consultant name CAMBRIA	Address (Consultant) 6262 HOLLIS ST. EMERYVILLE, CA		Contract number

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX + MTBE 602/EPA 8020	BTEX/TPH EPA M602/8020/8015	TPH Modified 8015 Gas ☒ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Semi Mobile VOA ☐ VOA ☐	CAM METALS EPA 6010/7000 TTLC ☐ STLC ☒ LEAD	Lead Org/DHS ☐ Lead EPA 7420/7421 ☐	TOTAL LEAD	
SP-1	01		X			X		12 PM	4/26/02	X		X							X		X	
SP-2	02		X			X		4/26/02	12 PM	X		X									X	
SP-3	03		X			X		4/26/02	12:30	X		X									X	
SP-4	04		X			X		"	"	X		X									X	

Special detection Limit/reporting: LOWEST POSSIBLE

Special QA/QC

Remarks:
COMPOSITE SAMPLES
SP-1
IF TOTAL LEAD >150 ppm STLC FOR LEAD
IF BENZENE >10 ppm RUN TLCP

Lab number: MLD0520

Turnaround Time
- Priority Rush 1 Business Day ☐
- Rush 2 Business Days ☒
- Expedited 5 Business Days ☐
- Standard 10 Business Days ☐

Condition of sample:

Temperature received:

	Date	Time	
Relinquished by sampler: Matt Meyers	4/26/02		Received by: "SECURE LOCATION"
Relinquished by: SECUR	4-26-2	1400	Received by: WITS SEQ
Relinquished by: WITS	4/26/2	1940	Received by: (Date) (Time)

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant
APC-3292 (2-91)

CAMBRIA

Appendix F

Soil Sampling Laboratory Analytical Report

Sequoia
Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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FAX (408) 782-6308
www.sequoialabs.com

7 June, 2002

Ron Scheele
Cambria - Emeryville
6262 Hollis St.
Emeryville, CA 94608

RE: ARCO 414, Berkeley-Ashby, CA
Sequoia Report: MLD0552

Enclosed are the results of analyses for samples received by the laboratory on 04/26/02 19:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	06/07/02 09:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-5@6.5'	MLD0552-01	Soil	04/26/02 09:50	04/26/02 19:40
A-5@11.5'	MLD0552-02	Soil	04/26/02 10:05	04/26/02 19:40
A-5@16.5'	MLD0552-03	Soil	04/26/02 10:20	04/26/02 19:40
A-5@20'	MLD0552-04	Soil	04/26/02 10:35	04/26/02 19:40

Sequoia Analytical - Morgan Hill

Latonya K. Pelt

Latonya Pelt, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	06/07/02 09:03

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-5@6.5' (MLD0552-01) Soil Sampled: 04/26/02 09:50 Received: 04/26/02 19:40									
Gasoline Range Organics (C6-C10)	ND	1.0	mg/kg	1	2D30005	04/30/02	04/30/02	8015Bm/8021B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*90.0 %*	*60-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.5 %*	*60-140*		"	"	"	"	
A-5@11.5' (MLD0552-02) Soil Sampled: 04/26/02 10:05 Received: 04/26/02 19:40									
Gasoline Range Organics (C6-C10)	**6.8**	1.0	mg/kg	1	2D30005	04/30/02	04/30/02	8015Bm/8021B	P-01
Benzene	**0.026**	0.0050	"	"	"	"	"	"	
Toluene	**0.0056**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.054**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.044**	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*90.5 %*	*60-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*60-140*		"	"	"	"	
A-5@16.5' (MLD0552-03) Soil Sampled: 04/26/02 10:20 Received: 04/26/02 19:40									
Gasoline Range Organics (C6-C10)	**90**	20	mg/kg	20	2D30005	04/30/02	05/01/02	8015Bm/8021B	P-01
Benzene	**0.34**	0.10	"	"	"	"	"	"	
Toluene	**0.37**	0.10	"	"	"	"	"	"	
Ethylbenzene	**3.4**	0.10	"	"	"	"	"	"	
Xylenes (total)	**66**	0.10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*116 %*	*60-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*348 %*	*60-140*		"	"	"	"	*S-01*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	06/07/02 09:03

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2D30005 - EPA 5030B [P/T]										
Blank (2D30005-BLK1)				Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.218*		"	*0.200*		*109*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.192*		"	*0.200*		*96.0*	*60-140*			
LCS (2D30005-BS1)				Prepared & Analyzed: 04/30/02						
Benzene	0.236	0.0050	mg/kg	0.200		118	60-140			
Toluene	0.242	0.0050	"	0.200		121	60-140			
Ethylbenzene	0.259	0.0050	"	0.200		130	60-140			
Xylenes (total)	0.825	0.0050	"	0.600		138	60-140			
Surrogate: a,a,a-Trifluorotoluene	*0.280*		"	*0.200*		*140*	*60-140*			*S-LIM*
Surrogate: 4-Bromofluorobenzene	*0.186*		"	*0.200*		*93.0*	*60-140*			
LCS (2D30005-BS2)				Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	4.73	1.0	mg/kg	5.00		94.6	70-130			
Surrogate: a,a,a-Trifluorotoluene	*0.242*		"	*0.200*		*121*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.190*		"	*0.200*		*95.0*	*60-140*			
Matrix Spike (2D30005-MS1)		**Source: MLD0552-01**		Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	9.60	1.0	mg/kg	11.0	ND	84.9	60-140			
Benzene	0.163	0.0050	"	0.132	ND	123	60-140			
Toluene	0.800	0.0050	"	0.794	ND	101	60-140			
Ethylbenzene	0.215	0.0050	"	0.184	ND	117	60-140			
Xylenes (total)	1.20	0.0050	"	0.922	ND	130	60-140			
Surrogate: a,a,a-Trifluorotoluene	*0.238*		"	*0.200*		*119*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.234*		"	*0.200*		*117*	*60-140*			

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Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	06/07/02 09:03

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2D30005 - EPA 5030B [P/T]										
Matrix Spike Dup (2D30005-MSD1)		**Source: MLD0552-01**		Prepared & Analyzed: 04/30/02						
Gasoline Range Organics (C6-C10)	9.30	1.0	mg/kg	11.0	ND	82.2	60-140	3.17	25	
Benzene	0.153	0.0050	"	0.132	ND	116	60-140	6.33	25	
Toluene	0.807	0.0050	"	0.794	ND	102	60-140	0.871	25	
Ethylbenzene	0.228	0.0050	"	0.184	ND	124	60-140	5.87	25	
Xylenes (total)	1.16	0.0050	"	0.922	ND	126	60-140	3.39	25	
Surrogate: a,a,a-Trifluorotoluene	*0.232*		"	*0.200*		*116*	*60-140*			
Surrogate: 4-Bromofluorobenzene	*0.205*		"	*0.200*		*102*	*60-140*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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(408) 776-9600
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Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	06/07/02 09:03

Notes and Definitions

P-01	Chromatogram Pattern: Gasoline C6-C10
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-LIM	The surrogate recovery was outside control limits. The result may still be useful for its intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

P.02/02

TOTAL P.02

ARCO Products Company

Division of Atlantic Richfield Company

Chain of Custody

Task Order No. WA # 2562300

ARCO Facility no. 414	City (Facility) BERKELEY - HWY	Project manager (Consultant) RON SCHEELE	Laboratory name SEQUOIA
ARCO engineer PAUL SUPPLE	Telephone no. (ARCO) 925 299 8891	Telephone no. (Consultant) 5104501983	Fax no. (Consultant) 510 450 8295
Consultant name CAMBRIA	Address (Consultant) 6102 HOLLIS ST. EMERYVILLE CA 94608		Contract number

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX + MTBE 8020/8260	TPH/BTEX EPA 8015/8020/8260	TPH Modified 8015 Gas?	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/8015/8440	EPA 601/8010	EPA 8080/8081	EPA 8270/8310	Total CAM Metals	Soluble CAM Metals	TCLP CAM Metals	Lead Org./DHS ☐ Lead EPA 7420/7421 ☐
A-MW5 @ 5.5'		01	X			X		4/26/02	7:50	X		X									
A-MW5 @ 11.5'		02	↓			↓			10:05	↓		↓									
A-MW5 @ 16.5'		03							10:20												
A-MW5 @ 20'		04	↓			↓		↓	10:35	HOLD											

Special detection Limit/reporting: LOWEST POSSIBLE

Special QA/QC

Remarks

LAB # number: MLD0552

Turnaround time

- Priority Push 1 Business Day ☐
- Rush 2 Business Days ☐
- Expedited 5 Business Days ☐
- Standard 10 Business Days ☒

Condition of sample:

Temperature received:

	Date	Time		Date	Time
Relinquished by sampler: Matt Meyers	4/26/02		Received by: "SECURE LOCATION"		
Relinquished by: GG CUM	4/26/02	1400	Received by: CUTS SEA		
Relinquished by: [illegible]	4/26/02	1940	Received by: [illegible]	4/26/02	1940

White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant

Y22 (5-91)

CAMBRIA

JUN-07-2002 08:49

CAMBRIA

Appendix G

Groundwater Sampling Laboratory Analytical Reports

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

22 April, 2002

Ron Scheele
Secor (ARCO)
2301 Leghorn St.
Mountain View, CA 95043

RE: Arco #414,Berkeley,Ca
Sequoia Report: MLD0169

Enclosed are the results of analyses for samples received by the laboratory on 04/08/02 18:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Secor (ARCO)	Project: Arco #414,Berkeley,Ca	
2301 Leghorn St.	Project Number: ARCO #414, Berkeley, CA	**Reported:**
Mountain View CA, 95043	Project Manager: Ron Scheele	04/22/02 10:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AR-1	MLD0169-01	Water	04/03/02 12:00	04/08/02 18:30
A-2	MLD0169-02	Water	04/03/02 11:15	04/08/02 18:30
A-3	MLD0169-03	Water	04/03/02 11:30	04/08/02 18:30
A-4	MLD0169-04	Water	04/03/02 11:45	04/08/02 18:30
DUP	MLD0169-05	Water	04/03/02 00:00	04/08/02 18:30

There were no custody seals that were received with this project.

Sequoia Analytical - Morgan Hill

Latonya K. Pelt

Latonya Pelt, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

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Secor (ARCO)	Project: Arco #414,Berkeley,Ca	
2301 Leghorn St.	Project Number: ARCO #414, Berkeley, CA	**Reported:**
Mountain View CA, 95043	Project Manager: Ron Scheele	04/22/02 10:38

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AR-1 (MLD0169-01) Water Sampled: 04/03/02 12:00 Received: 04/08/02 18:30									
Gasoline Range Organics (C6-C10)	**180**	50	ug/l	1	2D15001	04/15/02	04/15/02	8015Bm/8021B	P-03
Benzene	**1.5**	0.50	"	"	"	"	"	"	
Toluene	**0.82**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**330**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.4 %*	*70-130*		"	"	"	"	
A-2 (MLD0169-02) Water Sampled: 04/03/02 11:15 Received: 04/08/02 18:30									
Gasoline Range Organics (C6-C10)	ND	50	ug/l	1	2D15001	04/15/02	04/15/02	8015Bm/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**150**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	
A-3 (MLD0169-03) Water Sampled: 04/03/02 11:30 Received: 04/08/02 18:30									
Gasoline Range Organics (C6-C10)	ND	50	ug/l	1	2D15001	04/15/02	04/15/02	8015Bm/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	

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Sequoia Analytical

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Secor (ARCO)	Project: Arco #414,Berkeley,Ca	
2301 Leghorn St.	Project Number: ARCO #414, Berkeley, CA	**Reported:**
Mountain View CA, 95043	Project Manager: Ron Scheele	04/22/02 10:38

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-4 (MLD0169-04) Water Sampled: 04/03/02 11:45 Received: 04/08/02 18:30									
Gasoline Range Organics (C6-C10)	**220**	50	ug/l	1	2D15001	04/15/02	04/15/02	8015Bm/8021B	P-03
Benzene	**1.5**	0.50	"	"	"	"	"	"	
Toluene	**0.97**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.75**	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.6**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**82**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.9 %*	*70-130*		"	"	"	"	
DUP (MLD0169-05) Water Sampled: 04/03/02 00:00 Received: 04/08/02 18:30									
Gasoline Range Organics (C6-C10)	**330**	50	ug/l	1	2D18003	04/18/02	04/18/02	8015Bm/8021B	HT-04,P-03
Benzene	**3.9**	0.50	"	"	"	"	"	"	HT-04
Toluene	**1.2**	0.50	"	"	"	"	"	"	HT-04
Ethylbenzene	**1.6**	0.50	"	"	"	"	"	"	HT-04
Xylenes (total)	ND	0.50	"	"	"	"	"	"	HT-04
Methyl tert-butyl ether	**86**	2.5	"	"	"	"	"	"	HT-04
Surrogate: a,a,a-Trifluorotoluene		*93.2 %*	*70-130*		"	"	"	"	*HT-04*

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Secor (ARCO)	Project: Arco #414,Berkeley,Ca	
2301 Leghorn St.	Project Number: ARCO #414, Berkeley, CA	**Reported:**
Mountain View CA, 95043	Project Manager: Ron Scheele	04/22/02 10:38

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2D15001 - EPA 5030B [P/T]										
Blank (2D15001-BLK1)				Prepared & Analyzed: 04/15/02						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*10.9*		"	*10.0*		*109*	*70-130*			
LCS (2D15001-BS1)				Prepared & Analyzed: 04/15/02						
Benzene	11.5	0.50	ug/l	10.0		115	70-130			
Toluene	11.2	0.50	"	10.0		112	70-130			
Ethylbenzene	11.6	0.50	"	10.0		116	70-130			
Xylenes (total)	33.9	0.50	"	30.0		113	70-130			
Surrogate: a,a,a-Trifluorotoluene	*12.4*		"	*10.0*		*124*	*70-130*			
LCS (2D15001-BS2)				Prepared & Analyzed: 04/15/02						
Gasoline Range Organics (C6-C10)	221	50	ug/l	250		88.4	70-130			
Surrogate: a,a,a-Trifluorotoluene	*14.8*		"	*10.0*		*148*	*70-130*			*S-02*
Matrix Spike (2D15001-MS1)		**Source: MLD0093-02**		Prepared & Analyzed: 04/15/02						
Gasoline Range Organics (C6-C10)	371	50	ug/l	550	ND	67.5	60-140			
Benzene	8.20	0.50	"	6.60	ND	124	60-140			
Toluene	37.8	0.50	"	39.7	ND	95.2	60-140			
Ethylbenzene	8.52	0.50	"	9.20	ND	92.6	60-140			
Xylenes (total)	48.8	0.50	"	46.1	ND	106	60-140			
Surrogate: a,a,a-Trifluorotoluene	*11.3*		"	*10.0*		*113*	*70-130*			
Matrix Spike Dup (2D15001-MSD1)		**Source: MLD0093-02**		Prepared & Analyzed: 04/15/02						
Gasoline Range Organics (C6-C10)	430	50	ug/l	550	ND	78.2	60-140	14.7	25	
Benzene	5.74	0.50	"	6.60	ND	87.0	60-140	35.3	25	QM-07
Toluene	42.2	0.50	"	39.7	ND	106	60-140	11.0	25	
Ethylbenzene	10.4	0.50	"	9.20	ND	113	60-140	19.9	25	
Xylenes (total)	50.8	0.50	"	46.1	ND	110	60-140	4.02	25	
Surrogate: a,a,a-Trifluorotoluene	*12.0*		"	*10.0*		*120*	*70-130*			

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Secor (ARCO)	Project: Arco #414,Berkeley,Ca	
2301 Leghorn St.	Project Number: ARCO #414, Berkeley, CA	**Reported:**
Mountain View CA, 95043	Project Manager: Ron Scheele	04/22/02 10:38

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2D18003 - EPA 5030B [P/T]										
Blank (2D18003-BLK1)				Prepared & Analyzed: 04/18/02						
Gasoline Range Organics (C6-C10)	ND	10	ug/l							
Benzene	ND	0.10	"							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
Xylenes (total)	ND	0.10	"							
Methyl tert-butyl ether	ND	0.50	"							
Surrogate: a,a,a-Trifluorotoluene	*1.96*		"	*2.00*		*98.0*	*70-130*			
LCS (2D18003-BS1)				Prepared & Analyzed: 04/18/02						
Benzene	2.03	0.10	ug/l	2.00		102	70-130			
Toluene	2.09	0.10	"	2.00		104	70-130			
Ethylbenzene	2.09	0.10	"	2.00		104	70-130			
Xylenes (total)	6.24	0.10	"	6.00		104	70-130			
Surrogate: a,a,a-Trifluorotoluene	*1.95*		"	*2.00*		*97.5*	*70-130*			
LCS (2D18003-BS2)				Prepared & Analyzed: 04/18/02						
Gasoline Range Organics (C6-C10)	51.3	10	ug/l	50.0		103	70-130			
Surrogate: a,a,a-Trifluorotoluene	*2.32*		"	*2.00*		*116*	*70-130*			
LCS Dup (2D18003-BSD1)				Prepared & Analyzed: 04/18/02						
Benzene	1.89	0.10	ug/l	2.00		94.5	70-130	7.14	25	
Toluene	1.93	0.10	"	2.00		96.5	70-130	7.96	25	
Ethylbenzene	1.93	0.10	"	2.00		96.5	70-130	7.96	25	
Xylenes (total)	5.78	0.10	"	6.00		96.3	70-130	7.65	25	
Surrogate: a,a,a-Trifluorotoluene	*1.89*		"	*2.00*		*94.5*	*70-130*			
LCS Dup (2D18003-BSD2)				Prepared & Analyzed: 04/18/02						
Gasoline Range Organics (C6-C10)	59.9	10	ug/l	50.0		120	70-130	15.5	25	
Surrogate: a,a,a-Trifluorotoluene	*2.38*		"	*2.00*		*119*	*70-130*			

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Secor (ARCO)	Project: Arco #414,Berkeley,Ca	
2301 Leghorn St.	Project Number: ARCO #414, Berkeley, CA	**Reported:**
Mountain View CA, 95043	Project Manager: Ron Scheele	04/22/02 10:38

Notes and Definitions

HT-04	This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
P-03	Chromatogram Pattern: Unidentified Hydrocarbons C6-C10
QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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ARCO Products Company — Division of Atlantic Richfield Company

RAT#8 — Task Order No. WAR# 28623.00

Chain of Custody

ARCO Facility no. 6228	City (Facility) Pleasanton	Project manager (Consultant) Ron Scheele	Laboratory name Sequoia
ARCO engineer Paul Supple	Telephone no. (ARCO) 925-299-8891	Telephone no. (Consultant) 510-450-1983	Fax no. (Consultant) 510-420-8295
Consultant name	Address (Consultant)		Contract number

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 602/EPA 8020	BTEX/TPH as MTBE EPA 8020/8020/8015	TPH Modified 8015 Gas ☐ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/SM503E	EPA 601/8010	EPA 624/8240	EPA 625/8270	TCLP Metals ☐ VOA ☐ VOA ☐	CAM Metals EPA 6010/7000 TTLC ☐ STLC ☐	Lead Org./DHS ☐ Lead EPA 7420/7421 ☐
A-1	01			X		X	X	4-3-02	12:00		X									
A-2	02			X		X	X	4-3-02	11:15		X									
A-3	03			X		X	X	4-3-02	11:30		X									
A-4	04			X		X	X	4-3-02	11:45		X									
DUP	05			X		X	X	4-3-02												

ARCO #414
Berkeley

Special detection Limit/reporting: Lowest Possible

Special QA/QC

Remarks: Report results in EDF format

Lab number: MLD 0169

Turnaround time

Priority Rush 1 Business Day	☐
Rush 2 Business Days	☐
Expedited 5 Business Days	☐
Standard 10 Business Days	☒

Condition of sample:

Temperature received:

	Date	Time		Date	Time
Relinquished by sampler	4-3-02	6:00	Received by Sequoia location		
Relinquished by	4/8/02	1400	Received by	4-8-2	1700
Relinquished by	4-8-2	1830	Received by (MLD)	4/8/02	1830

Distribution: White copy — Laboratory; Canary copy — ARCO Environmental Engineering; Pink copy — Consultant

TRC (2-91)

Sequoia
Analytical

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16 May, 2002

Ron Scheele
Cambria - Emeryville
6262 Hollis St.
Emeryville, CA 94608

RE: ARCO 414, Berkeley-Ashby, CA
Sequoia Report: MLE0033

Enclosed are the results of analyses for samples received by the laboratory on 05/01/02 18:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Cambria - Emeryville 6262 Hollis St. Emeryville CA, 94608	Project: ARCO 414, Berkeley-Ashby, CA Project Number: ARCO #414, Berkeley-Ashby, CA Project Manager: Ron Scheele	**Reported:** 05/16/02 15:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-5	MLE0033-01	Water	04/30/02 06:25	05/01/02 18:00

Sequoia Analytical - Morgan Hill

Latonya K. Pelt

Latonya Pelt, Project Manager

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Cambria - Emeryville 6262 Hollis St. Emeryville CA, 94608	Project: ARCO 414, Berkeley-Ashby, CA Project Number: ARCO #414, Berkeley-Ashby, CA Project Manager: Ron Scheele	**Reported:** 05/16/02 15:13

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-5 (MLE0033-01) Water Sampled: 04/30/02 06:25 Received: 05/01/02 18:00									
Gasoline Range Organics (C6-C10)	**4200**	1000	ug/l	20	2E14002	05/14/02	05/14/02	8015Bm/8021B	P-01
Benzene	**240**	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
Xylenes (total)	**370**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**1800**	50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*79.1 %*		*70-130*		"	"	"	

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Cambria - Emeryville 6262 Hollis St. Emeryville CA, 94608	Project: ARCO 414, Berkeley-Ashby, CA Project Number: ARCO #414, Berkeley-Ashby, CA Project Manager: Ron Scheele	**Reported:** 05/16/02 15:13

Total Purgeable Hydrocarbons (C6-C10) by EPA 8015B modified, BTEXM by EPA 8021B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2E14002 - EPA 5030B [P/T]										
Blank (2E14002-BLK1)				Prepared & Analyzed: 05/14/02						
Gasoline Range Organics (C6-C10)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*11.3*		"	*10.0*		*113*	*70-130*			
LCS (2E14002-BS1)				Prepared & Analyzed: 05/14/02						
Benzene	9.36	0.50	ug/l	10.0		93.6	70-130			
Toluene	9.34	0.50	"	10.0		93.4	70-130			
Ethylbenzene	10.3	0.50	"	10.0		103	70-130			
Xylenes (total)	27.8	0.50	"	30.0		92.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.2*		"	*10.0*		*102*	*70-130*			
LCS (2E14002-BS2)				Prepared & Analyzed: 05/14/02						
Gasoline Range Organics (C6-C10)	211	50	ug/l	250		84.4	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.64*		"	*10.0*		*86.4*	*70-130*			
Matrix Spike (2E14002-MS1)		**Source: MLE0090-04**		Prepared & Analyzed: 05/14/02						
Gasoline Range Organics (C6-C10)	430	50	ug/l	550	ND	78.2	60-140			
Benzene	9.68	0.50	"	6.60	ND	147	60-140			QM-07
Toluene	38.3	0.50	"	39.7	ND	96.5	60-140			
Ethylbenzene	11.1	0.50	"	9.20	ND	121	60-140			
X [illegible] (total)	48.1	0.50	"	46.1	ND	104	60-140			
Surrogate: a,a,a-Trifluorotoluene	*11.2*		"	*10.0*		*112*	*70-130*			
Matrix Spike Dup (2E14002-MSD1)		**Source: MLE0090-04**		Prepared & Analyzed: 05/14/02						
Gasoline Range Organics (C6-C10)	443	50	ug/l	550	ND	80.5	60-140	2.98	25	
Benzene	9.08	0.50	"	6.60	ND	138	60-140	6.40	25	
Toluene	36.6	0.50	"	39.7	ND	92.2	60-140	4.54	25	
Ethylbenzene	10.3	0.50	"	9.20	ND	112	60-140	7.48	25	
Xylenes (total)	45.4	0.50	"	46.1	ND	98.2	60-140	5.78	25	
Surrogate: a,a,a-Trifluorotoluene	*9.63*		"	*10.0*		*96.3*	*70-130*			

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Cambria - Emeryville	Project: ARCO 414, Berkeley-Ashby, CA	
6262 Hollis St.	Project Number: ARCO #414, Berkeley-Ashby, CA	**Reported:**
Emeryville CA, 94608	Project Manager: Ron Scheele	05/16/02 15:13

Notes and Definitions

P-01	Chromatogram Pattern: Gasoline C6-C10
QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ARCO Products Company — Division of Atlantic Richfield Company

RAT #8 — Task Order No. WAR# 28623.00

Chain of Custody

ARCO Facility no.: 484	City (Facility): Berkeley	Project manager (Consultant): Ron Scheels	Laboratory name: Sequoia
ARCO engineer: Paul Supple	Telephone no. (ARCO): 925-299-8891	Telephone no. (Consultant): 510-450-1583	Fax no. (Consultant): 510-450-8295
Consultant name: Cambria Env. Tech	Address (Consultant): 6262 Hollis St. Emeryville, Ca		Contract number:

Sample I.D.	Lab no.	Container no.	Matrix: Soil	Matrix: Water	Matrix: Other	Preservation: Ice	Preservation: Acid	Sampling date	Sampling time	BTEX 8020/EPA 8020	BTEX/TPH EPA M8020/8015	TPH Modified 8015 Gas ☐ Diesel ☐	Oil and Grease 413.1 ☐ 413.2 ☐	TPH EPA 418.1/M8015E	EPA 8010/8010	EPA 8240/8240	EPA 8250/8270	TCLP Metals ☐ VOA ☐ VOA ☐	CAM Metals EPA 6010/7000 TTLC ☐ STLC ☐	Lead Org./DHS ☐ Lead EPA 7420/7421 ☐	
A-5	01	4		X		X	X	4-3-02	6:25		X										

Method of shipment:

Special detection Limit/reporting: Lowest possible

Special QA/QC:

Remarks: Report results in EDF format

Lab number: MLE0033

Turnaround time:

- Priority Rush 1 Business Day ☐
- Rush 2 Business Days ☐
- Expedited 5 Business Days ☐
- Standard 10 Business Days ☒

Condition of sample:

Temperature received:

Relinquished by sampler	Date	Time	Received by
	5-1-02	4:50	Secure location
Relinquished by	Date	Time	Received by
SEQU.	5-1-02	1935	WITH SEQ
Relinquished by	Date	Time	Received by
WITH	5-1-02	1800		Date: 5-1-02	Time: 1800

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100 Montgomery Street
Suite 300
San Francisco
California 94104
Tel 415.374.2744
Fax 415.374.2745
www.arcadis-us.com

Mr. Randy Lee, PE
Water Resources Control Engineer
San Francisco Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject:
Well Destruction Report
RB Case Number: 01S0746 (aka 01-0102)
Local Case Number: 27540 (City of Berkeley)
Former ARCO Station No. 00414
3000 Shattuck Avenue
Berkeley, California

ENVIRONMENTAL

Date:
January 13, 2015

Contact:
Hollis E. Phillips

Phone:
415.432.6903

Email:
Hollis.phillips@arcadis-us.com

Our ref:
GP09BPNA.C012

Dear Mr. Lee:

On behalf of Atlantic Richfield Company (ARCO), ARCADIS-US, Inc. (ARCADIS) is pleased to submit this Well Destruction Completion Report to the San Francisco Bay Regional Water Quality Control Board (RWQCB). This Memorandum documents the destruction of four groundwater monitoring wells, one recovery well, and six soil vapor extraction wells at the Former ARCO Station No. 00414 located at 3000 Shattuck Avenue in Berkeley, California (Figure 1). Destruction of groundwater and soil vapor extraction wells was approved by the RWQCB in their No Further Action package correspondence letter dated September 3, 2014 (Attachment A).

Prior to conducting the field activities, ARCADIS obtained well destruction permits from the City of Berkeley Planning and Development Department. Copies of the permits are included as Attachment B. ARCADIS retained a California-licensed drilling contractor, Gregg Drilling and Testing, Inc. (Gregg Drilling; C57 License No. 485-165) to destroy the wells.

Site wells were destroyed using pressure grouting technique on December 5 and 8, 2014. Each well casing was filled with Portland cement grout through a trimie pipe, from the bottom to the top. Groundwater from the well casing was captured at the surface and properly contained for disposal. Once each well was filled with grout, 25 psi of pressure were applied at the top of the casing for about 5 minutes, in an attempt to push grout into the well screen prefforations and the filter pack. Additional grout was then poured into the casing to fill the remaining empty space. Lastly, each well box was removed with a jack-hammer and the hole was patched with concrete to match the existing grade.

Generated debris, such as well boxes metal and concrete, were disposed of as general construction waste by Gregg Drilling. Generated groundwater was contained in one Department of Transportation-approved 55-gallon steel drum, and temporally stored on-site pending proper disposal. The drum was removed from the site on December 16, 2014, by Integrated Wastestream Management, Inc. The groundwater drum was disposed of at the Seaport Refining & Environmental facility in Redwood City, California. The certificate of disposal is provided in Attachment C.

Well Completion Reports were submitted to the City of Berkeley Planning and Development Department; copies are included in Attachment D.

With the completion of the above mentioned well abandonment activities, ARCADIS does not believe there are any remaining issues associated with the RWQCB Case No. 01S0746 (aka 01-0102); therefore, this site should be considered closed with regard to the previous environmental issues associated with this site. If you have any questions or need additional information regarding this site please contact Hollis Phillips at 415.432.6903.

Sincerely,

ARCADIS U.S., Inc.

Hollis E. Phillips, PG
Project Manager

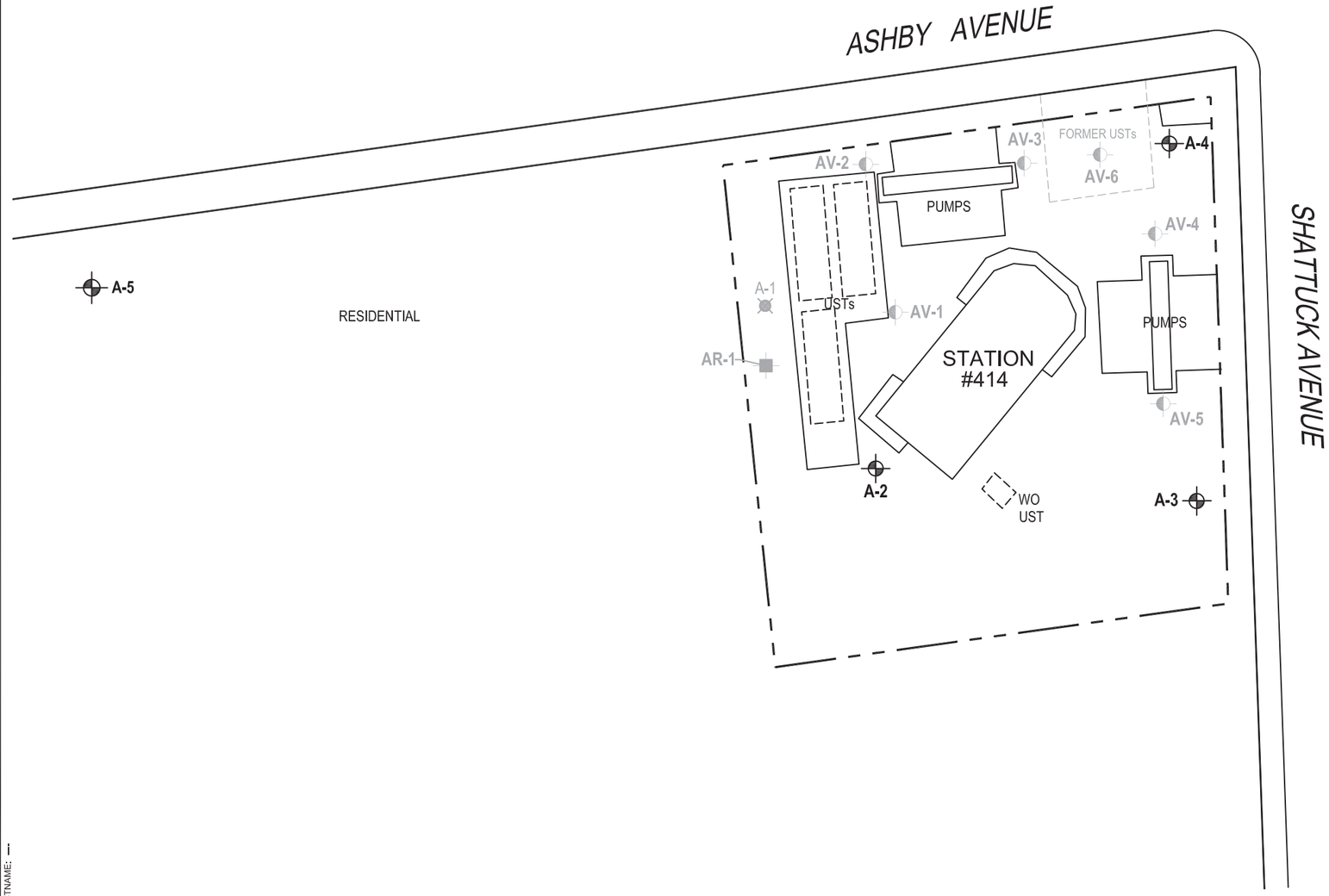
Attachments:

Figure 1 – Site Plan
Attachment A – San Francisco Bay RWQCB September 3, 2014 No Further Action Correspondence
Attachment B – Well Destruction Permits
Attachment C – Certificate of Disposal
Attachment D – Well Completion Reports

Copies:

Geotracker

Figures



LEGEND

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- RECOVERY WELL
- DESTROYED WELL

WO WASTE OIL

UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

STATION #414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

SITE PLAN WITH HISTORICAL SOIL BORING LOCATIONS

ARCADIS

FIGURE
3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS LD:--- PIC:--- PM:--- TM:--- LYR:(Opt)ON=*;OFF=*REF*
C:\Documents and Settings\jharris\Desktop\ENVCAD\GP09BPNA.C012.Q0000\DWG\GP09BPNAC012-B04.dwg LAYOUT: 3 SAVED: 4/28/2010 6:48 AM ACADVER: 18.0S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/3/2010 2:56 PM BY: HARRIS, JESSICA
XREFS: IMAGES:
GP09BPNAC012-X01
GP09BPNAC012-X02
PROJECTNAME: ---

Attachment A

San Francisco Bay RWQCB
September 3, 2014 No Further
Action Correspondence

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

September 3, 2014
File No. 01S0746 (RL)

BP West Coast Products, LLC
c/o Ms. Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

SUBJECT: No Further Action, U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, Alameda County

Dear Ms. Wager:

This letter confirms the completion of site investigation and remedial action for the pollutant releases at the subject site. The attached Case Closure Summary describes remedial activities and our case-closure rationale.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the pollutant releases at the subject site is required.

If you have any questions concerning this letter, please contact Randy Lee of my staff at (510) 622-2375, [e-mail: rylee@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment: Case Closure Summary
cc w/attach: Mailing List (next page)

Mailing List:

Nabil Al-Hadithy
Manager
City of Berkeley
2118 Milvia Street, Suite 200
Berkeley, California 94704

U.S. Smog and Gas
3000 Shattuck Avenue
Berkeley, CA, 947054

Hollis Phillips
Arcadis US Inc.,
100 Montgomery Street, Suite 300
San Francisco, CA 94539
Hollis.Phillips@arcadis-us.com

Khan Shazada & Farhat
47856 Avalon Heights Terrace
Fremont, CA 94539

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 9/3/2014

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Randy Lee	Title: Water Resource Control Engineer

II. SITE INFORMATION

Site Facility Name: U.S. Smog and Gas (a.k.a. ARCO # 00414)		
Site Facility Address: 3000 Shattuck Ave Berkeley		
RB Case No.: 01S0746 (aka 01-0102)	Local Case No.: 27540	Priority:
Responsible Parties (include addresses and phone numbers)		
Jim Smith BP Remediation Management, 201 Helios Way, Houston, Texas, 77079		
(713) 323-4153		

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1*	200	waste oil	removed	11/19/1997
2*	12,000	gasoline	removed	8/11/2000
3*	12,000	gasoline	removed	8/11/2000
4*	12,000	gasoline	removed	8/11/2000
(* Closed by City of Berkeley on 2/14/2013)				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: leakage from USTs and hydraulic lifts		
Site characterization complete? yes	Date Approved by Oversight Agency: 2/14/2013	
Monitoring wells installed? yes	Number: 6	Proper screened interval? yes
Highest GW Depth Below Ground Surface: 11.28 ft bgs	Lowest Depth: 4.61 ft bgs	Flow Direction: ranged from northwest to southwest, with the predominant direction to the west
Most Sensitive Current Use: municipal, industrial process, industrial service and agricultural are identified in the Basin Plan		
Most Sensitive Potential Use		

and Probability of Use : municipal, industrial process, industrial service and agricultural are identified in the Basin Plan	
Are drinking water wells affected? no	Aquifer Name: n/a
Is surface water affected? no	Nearest surface water name: San Francisco Bay
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Report(s) on file? yes	Where is report(s) filed? GeoTracker

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	4	1 waste oil tank - 11/19/1997- unknown 3 gasoline USTs -8/11/2000- Disposal (Mid-Valley Landfill)	11/19/1997 & 8/11/2000
Piping	unknown	Disposal (Mid-Valley Landfill)	8/11/2000
Free Product	400 gallon	Disposal (DeMeeno/Kerdoon in Compton CA)	8/11/2000
Soil	1,416 ton	Disposal (Forward Landfill, Manteca, CA)	8/11/2000
Groundwater	1,200 gallon	Disposal (Seaport Environmental Facility, Redwood City, CA)	8/11/2000
Barrels			

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPHg 27540-closed)	8,410	n/a	31,000	<50	TPHg (*01S0746*)	n/a	n/a	1,300	<50
Benzene (27540-closed)	3.44	n/a	5,900	<0.5	MTBE (*01S0746*)	n/a	n/a	28	6.9
Toluene (27540-closed)	136	n/a	6,500	<0.5	TPHd (*01S0746*)	n/a	n/a	1,900	410
Ethylbenzene (27540-closed)	127	n/a	620	<0.5	TPHmo (*01S0746*)	n/a	n/a	<1,900	360
Xylenes (27540-closed)	531	n/a	4,600	<0.5	Mineral oil (*01S0746*)	n/a	n/a	3,500	410
MTBE (27540-closed)	19.8	n/a	8,400	2,130	Hydraulic oil (*01S0746*	n/a	n/a	3,300	790

TPHd (27540-closed)	1,920	n/a	n/a	100	Transmission Oil (*01S0746*)	n/a	n/a	3,700	670
Lead (27540-closed)	<7.5	n/a	n/a	n/a	Jet A (*01S0746*)	n/a	n/a	470	<50

Comments (Depth of Remediation, etc.):

- GRI removed an oil/water separator in June 1992.
- GSI conducted vapor extraction tests on August 18 and November 19, 1992, using vapor extraction wells AV-1 through AV-6. Based on the results of the two tests, vapor extraction was deemed a suitable remedy based on an estimated radius of influence of 20 to 30 feet (GSI 1992c).There is no available documentation stating that recovery well AR-1 or the six vapor extraction wells were ever used for full-scale remediation purposes.
- Oxygen release compound (ORC) socks were used at wells AR-1 and A-1 through A-4 for various time periods from the third quarter 1996 to the first quarter 1997.
- Cambria removed three fiberglass USTs in August 2000 and installed new tanks.
- Cambria removed approximately 1,415 tons of soil and disposed of the soil off site in 2000 when the tanks and associated product lines were excavated.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? yes		
Does corrective action protect public health for current land use? yes		
Site Management Requirements: none		
Monitoring Wells Decommissioned: A-1	Number Decommissioned: 1	Number Retained: 5 (to be destroyed upon closure)
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Case Closure Summary Report	6/9/2010
Approval of Request for No Further Action	2/14/2013
BP414 Summary of Investigation Results	7/9/14

VI. ADDITIONAL COMMENTS, DATA, ETC.

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former USTs. In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release associated with the USTs (case #27540; City of Berkeley, 2013).

However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with the hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP). In February and March of 2013, groundwater samples were collected from the impacted well and the downgradient wells. The investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

In June 2013, the case involving the potential release associated with the hydraulic lifts was referred to the San Francisco Bay Regional Water Board (Case # 01S0746, RWQCB). The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities, ARCADIS requested case closure on behalf of BP on July 9, 2014. This case closure summary prepared by the Regional Water Board, although included prior information related to the UST releases, is intended to close investigation associated with the potential release associated with the hydraulic lifts.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

Attachment B

Well Destruction Permits

RECEIVED

OCT 06 2014

TOXICS MANAGEMENT DIVISION

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

TMD Use Only
Permit No.: 15-05-21 DW (expires 90 days from approval)
Permit Fee: $420 Check No. 131846
Approved by: [signature] Date: 10-8-14

Admin: Contractor Licenses – Reviewed by: MB
Geo/Eng license Y/N CoB Business Y/N
Driller license Y/N CoB Business Y/N

PERMIT APPLICATION

Well Construction, Installation, Destruction, Or Modification and/or Soil Boring/Probe/Grab Soil or Ground Water Sampling

Name of Facility:	U.S. Smog and Gas, located at 3000 Shattuck Avenue
Address:	2030 Ashby Avenue Berkeley CA 94705
Telephone (Business):	residential (Emergency:) —

Property Owner:	Micheal McDowell and Carolyn Weil
Owner Address:	1470 Rose Street Berkeley CA 94702

Supervising Geological/Engineering Co.:	ARCADIS US. INC	City of Berkeley Business Lic #:	
Address:	100 Montgomery Street, Ste 300 San Francisco, CA 94104	Email:	Hollis.Phillips@arcadis-us.com
Contractor Lic. No.:	571846 ✓	Type: A & B ✓	Expires: 3-31-2015 ✓
Contact Person:	Hollis Phillips, PG	Tel.: 415.432.6903	Fax: 415.374.2745

Drilling Co.:	Gregg Drilling and Testing, Inc.	City of Berkeley Business Lic #:	BL-005171
Address:	950 Howe Road. Martinez CA 94553		
Local Contact Person:	Christopher Pruner	Tel.: 925.313.5800	Fax: 925.313.0302
C-57 License No.:	485165	Expiration Date:	January 31, 2016 ✓

Indicate Number of Locations In Box	Well Details (attach information as needed for multiple construction types)
☐ Wells to be installed	Borehole Diameter:
☒ 1 Wells to be destroyed See attached log	Well Casing Diameter:
☐ Soil Borings, probes, sampling points	Gauge of Casing:
☐ Modify Wells including new/replacement pumps, vacuums, probes, elevation modifications, etc.	Well Screen type: Slot Size
	Proposed Well Depth:
	Type of Grout:
	Other:

- Provide a scaled plan identifying the proposed drilling locations, property boundaries, streets, structures, pollution source areas, and buried and overhead utility lines.
- Call the Toxics Management Division (TMD) at (510) 981-7460 and schedule an inspection of the grout sealing of boreholes, probes, or wells. Notify TMD a minimum of two (2) working days in advance of first scheduled day of drilling.
- Submit the Department of Water Resources (DWR 188) form following well installation or destruction.
- Inform TMD of any contamination found. Please forward report to TMD within 60 days of completion.

I certify that I have prepared this application and that the work will be done in accordance with the provisions of the laws of the State of California, the ordinances and the rules and regulations of the City of Berkeley.

Signed [signature] Representing ARCADIS Date 10/2/14

FEES: **First Well/Each add'l. - $420/$150** **First Soil Boring/Each add'l. - $210/$150**

RECEIVED

OCT 06 2014

TOXICS MANAGEMENT DIVISION

TMD Use Only

Permit No.: 15-~~0882~~-20 (expires 90 days from approval)
Permit Fee: $1,770 Check No. 13897
Approved by: KBM Date: 10/3/14

Admin: Contractor Licenses – Reviewed by: MCB
Geo/Eng license (Y)/N CoB Business Y/N
Driller license (Y)/N CoB Business Y/N

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

PERMIT APPLICATION

Well Construction, Installation, Destruction, Or Modification and/or Soil Boring/Probe/Grab Soil or Ground Water Sampling

Name of Facility: U.S. Smog and Gas	
Address: 3000 Shattuck Avenue Berkeley CA 94705	
Telephone *(Business)*: Vacent	*(Emergency:)* Vacent

Property Owner: Khan Shazada and Farhat	
Owner Address: 47856 Avalon Heights Terrace Fremont CA 94539	

Supervising Geological/Engineering Co.:	ARCADIS US INC.	City of Berkeley Business Lic #:	
Address: 100 Montgomery Street, Suite 300 San Francisco, CA 94104	Email: Hollis.Phillips@arcadis-us.com		
Contractor Lic. No.: 571846	Type: A & B ✓	Expires: 3-31-2015	
Contact Person: Hollis Phillips, PG	Tel.: 415.432.6903	Fax: 415.374.2745 ✓	

Drilling Co.: Gregg Drilling and Testing, Inc.	City of Berkeley Business Lic #:	BL-005171	
Address: 950 Howe Road, Martinez CA 94553			
Local Contact Person: Christopher Pruner	Tel.: 925.313.5800	Fax: 925.313.0302	
C-57 License No.: 485165	Expiration Date: January 31, 2016 ✓		

Indicate Number of Locations In Box	Well Details (attach information as needed for multiple construction types)
☐ Wells to be installed	Borehole Diameter:
☒ 10 Wells to be destroyed See attached logs	Well Casing Diameter:
☐ Soil Borings, probes, sampling points	Gauge of Casing:
☐ Modify Wells including new/replacement pumps, vacuums, probes, elevation modifications, etc.	Well Screen type: Slot Size
	Proposed Well Depth:
	Type of Grout:
	Other:

- Provide a scaled plan identifying the proposed drilling locations, property boundaries, streets, structures, pollution source areas, and buried and overhead utility lines.
- Call the Toxics Management Division (TMD) at (510) 981-7460 and schedule an inspection of the grout sealing of boreholes, probes, or wells. Notify TMD a minimum of two (2) working days in advance of first scheduled day of drilling.
- Submit the Department of Water Resources (DWR 188) form following well installation or destruction.
- Inform TMD of any contamination found. Please forward report to TMD within 60 days of completion.

I certify that I have prepared this application and that the work will be done in accordance with the provisions of the laws of the State of California, the ordinances and the rules and regulations of the City of Berkeley.

Signed H. Phillips Representing ARCADIS Date 10/2/14

FEES: **First Well/Each add'l. - $420/$150** **First Soil Boring/Each add'l. - $210/$150**

Attachment C

Certificate of Disposal

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
1945 CONCOURSE DRIVE, SAN JOSE, CA 95131
PHONE: 408.433.1990 FAX: 408.433.9521

CERTIFICATE OF DISPOSAL

Generator Name:	BP West Coast Products LLC	Facility Name:	BP-414
Address:	PO Box 80249	Address:	3000 Shattuck Avenue
	Rancho Santa Margarita,CA 92688		Berkeley, CA 94705
Contact:	Hollis Phillips	Facility Contact:	Miljan Draganic
Phone:	415-432-6903	Phone:	(510) 590-2540

IWM Job #:	Bella 457
Description of Waste:	1 Drum of Non-Hazardous Water
Removal Date:	12-16-14
Ticket #:	SP12162014-MISC

Transporter Information

Name:	IWM, Inc.
Address:	1945 Concourse Drive
	San Jose, CA 95131
Phone:	(408) 433-1990

Disposal Facility Information

Name:	Seaport Refining & Environmental
Address:	700 Seaport Blvd
	Redwood City, CA 94063
Phone:	(650) 364-1024

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon William T. DeLon — 12-16-14

Authorized Representative (Print Name and Signature) — Date

Attachment D

Well Completion Reports

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e()248134

Page 1 of 1

Owner's Well Number A-2

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N Latitude W Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	30	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 30 Feet

Total Depth of Completed Well 30 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

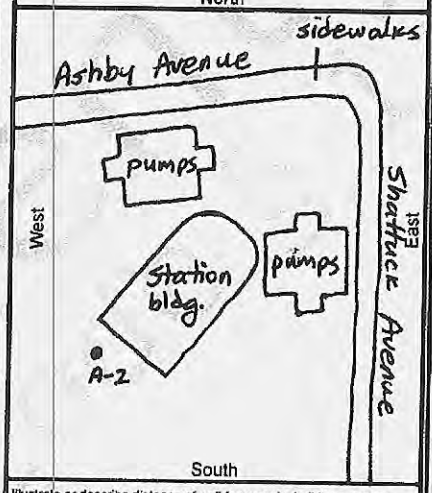
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	8	Blank	PVC Sch. 40	0.1	3		
5	30	8	Screen	PVC Sch. 40	0.1	3	Shutter	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	3	Cement	Grout
3	4	Bentonite	Pellets
4	30	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248135

Page 1 of 1

Owner's Well Number A-3

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	30	The well was abandoned by Pressure Grouting
		Technique:
		Well casing was filled with portland cement grout
		(neat cement Type II/V), through a trimie pipe,
		from the bottom to the top.
		Groundwater from the well casing was captured
		at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was
		applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing
		when needed to fill all the way to the top and
		above the well casing.
		Lastly, well box was removed with a jack hammer
		and the hole was patched with concrete to match
		existing grade.

Total Depth of Boring 30 Feet

Total Depth of Completed Well 30 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg Min Sec N Longitude Deg Min Sec W

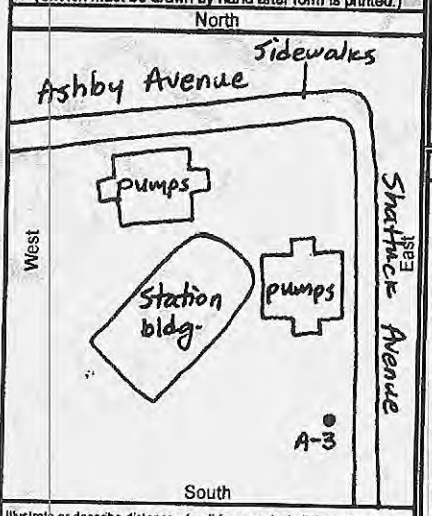
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	8	Blank	PVC Sch. 40	0.1	3		
5	30	8	Screen	PVC Sch. 40	0.1	3	Shutter	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	3	Cement	Grout
3	4	Bentonite	Pellets
4	30	Filter Pack	#2/12 Lonestar Sand

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248136

Page 1 of 1

Owner's Well Number A-4

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	30	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 30 Feet

Total Depth of Completed Well 30 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

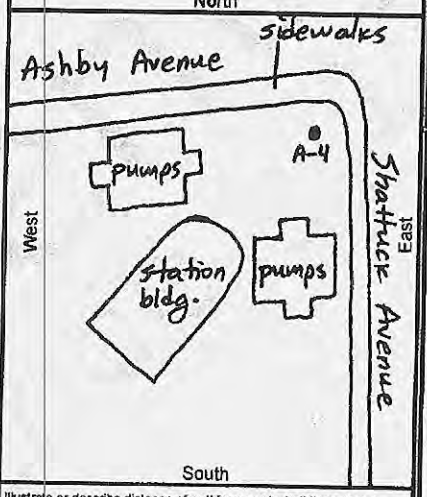
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	8	Blank	PVC Sch. 40	0.1	3		
5	30	8	Screen	PVC Sch. 40	0.1	3	Shutter	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	3	Cement	Grout
3	4	Bentonite	Pellets
4	30	Filter Pack	#2/12 Lonestar Sand

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Address Martinez City CA State 94553 Zip

Signed C-57 Licensed Water Well Contractor Date Signed 12/22/14

485-165 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e[illegible]248194

Page 1 of 1

Owner's Well Number A-5

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-21 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	20	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 20 Feet

Total Depth of Completed Well 20 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 2030 Ashby Avenue

City Berkeley County Alameda

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

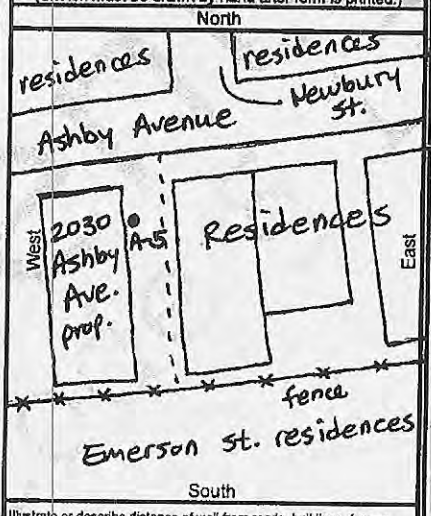
Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 53 Page 1592 Parcel 24

Township ___ Range ___ Section ___

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other ___
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water ___ (Feet below surface)

Depth to Static Water Level ___ (Feet) Date Measured ___

Estimated Yield * ___ (GPM) Test Type ___

Test Length ___ (Hours) Total Drawdown ___ (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	10	8	Blank	PVC Sch. 40	0.1	2		
10	20	8	Screen	PVC Sch. 40	0.1	2	Shutter	0.010

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	7	Cement	Portland, Type I/II
7	9	Bentonite	Seal
9	20	Filter Pack	#2/12 Monterey Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248137

Page 1 of 1

Owner's Well Number AR-1

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	35	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 35 Feet

Total Depth of Completed Well 33 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

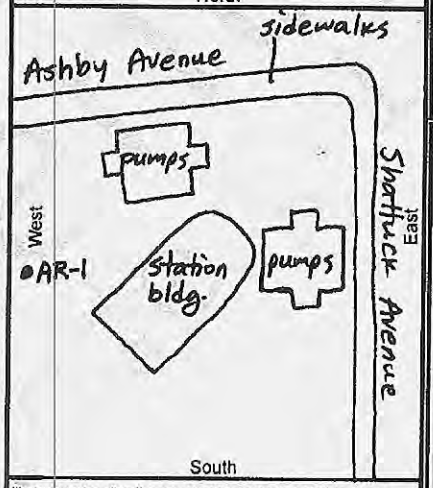
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	8	12	Blank	PVC Sch. 40	0.1	6		
8	33	12	Screen	Carbon Steel	0.1	6	Wire Wrap	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	6	Cement	Neat cement
6	7	Bentonite	Seal
7	33	Filter Pack	#2/12 Lonestar Sand
33	35	Bentonite	

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed C-57 Licensed Water Well Contractor Date Signed 12/22/14

485-165 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248148

Page 1 of 1

Owner's Well Number AV-1

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

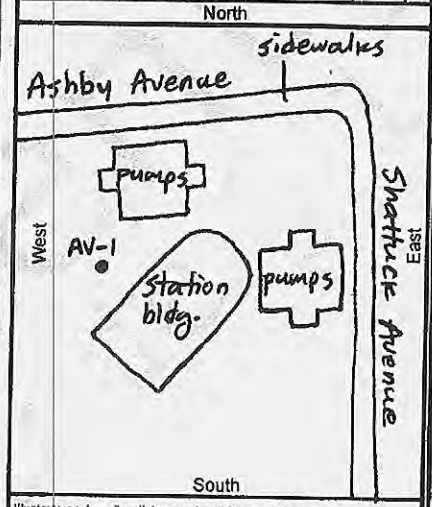
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e)248149

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N / W

Latitude / Longitude

APN/TRS/Other

Page 1 of 1

Owner's Well Number AV-2

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	12	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 11.5 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

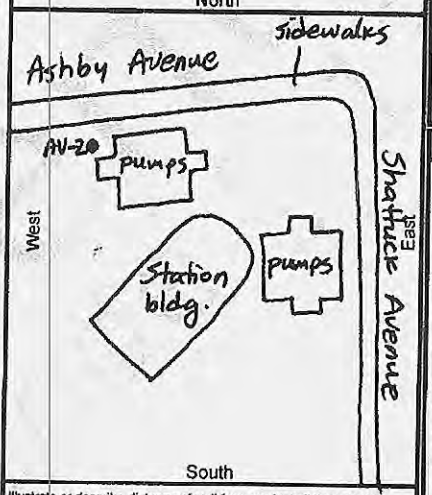
Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 53 Page 1592 Parcel 01

Township ___ Range ___ Section ___

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other ___
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water ___ (Feet below surface)

Depth to Static Water Level ___ (Feet) Date Measured ___

Estimated Yield * ___ (GPM) Test Type ___

Test Length ___ (Hours) Total Drawdown ___ (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand
10	12	Bentonite	

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248152

Page 1 of 1

Owner's Well Number AV-3

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

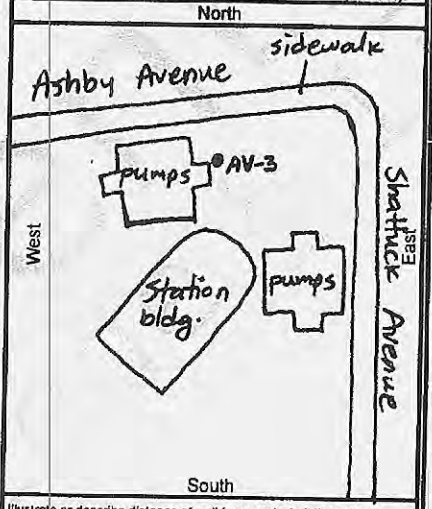
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	Coarse Aquarium Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Address Martinez City CA State 94553 Zip

Signed C-57 Licensed Water Well Contractor Date Signed 12/22/14

485-165 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0[illegible]48153

Page 1 of 1

Owner's Well Number AV-4

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N Latitude W Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

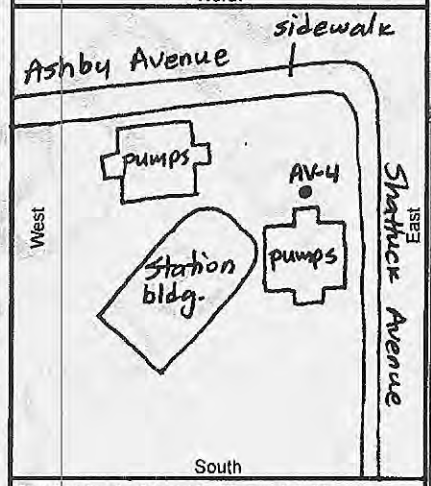
Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 53 Page 1592 Parcel 01

Township ___ Range ___ Section ___

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

○ New Well
○ Modification/Repair
○ Deepen
○ Other
◉ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

○ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water ___ (Feet below surface)

Depth to Static Water Level ___ (Feet) Date Measured ___

Estimated Yield * ___ (GPM) Test Type ___

Test Length ___ (Hours) Total Drawdown ___ (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	Coarse Aquarium Sand

Attachments

☑ Geologic Log
☑ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e)248158

Page 1 of 1

Owner's Well Number AV-5

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

N Latitude W Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
0	10	The well was abandoned by Pressure Grouting Technique:
		Well casing was filled with portland cement grout (neat cement Type II/V), through a trimie pipe, from the bottom to the top.
		Groundwater from the well casing was captured at the surface and properly contained for disposal.
		Once filled with grout, pressure (at 25 psi) was applied at the top of the casing for about 5 minutes
		Additional grout was poured into the well casing when needed to fill all the way to the top and above the well casing.
		Lastly, well box was removed with a jack hammer and the hole was patched with concrete to match existing grade.

Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

Name BP West Coast Products, LLC

Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg Min Sec N Longitude Deg Min Sec W

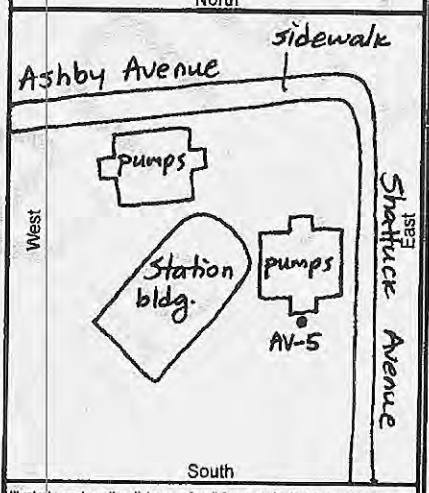
Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- ○ Water Supply
  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
0	5	10	Blank	PVC Sch. 40	0.1	4		
5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.020

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

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Name Gregg Drilling and Testing, Inc.
Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 12/22/14 485-165
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0248159

Page 1 of 1

Owner's Well Number AV-6

Date Work Began 12/05/2014 Date Work Ended 12/8/2014

Local Permit Agency City of Berkeley, Planning and Development Department

Permit Number 15-DW-20 Permit Date 10/8/14

DWR Use Only – Do Not Fill In

State Well Number/Site Number

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method n/a Drilling Fluid n/a

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	10	The well was abandoned by Pressure Grouting Technique:
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Total Depth of Boring 10 Feet

Total Depth of Completed Well 10 Feet

Well Owner

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Mailing Address 201 Helios Way

City Houston State TX Zip 77079

Well Location

Address 3000 Shattuck Avenue

City Berkeley County Alameda

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

Datum Decimal Lat. Decimal Long.

APN Book 53 Page 1592 Parcel 01

Township Range Section

Location Sketch

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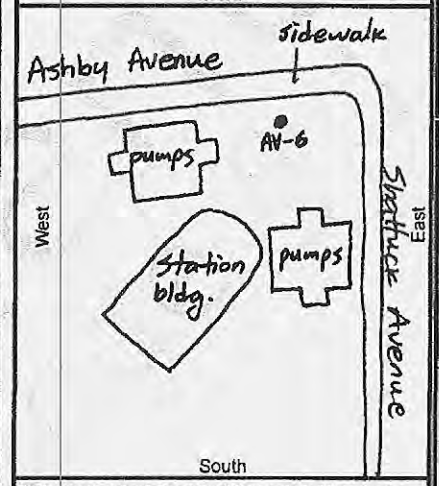

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Activity

- ○ New Well
- ○ Modification/Repair
  - ○ Deepen
  - ○ Other
- ◉ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

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  - ☐ Domestic ☐ Public
  - ☐ Irrigation ☐ Industrial
- ○ Cathodic Protection
- ○ Dewatering
- ○ Heat Exchange
- ○ Injection
- ○ Monitoring
- ○ Remediation
- ○ Sparging
- ○ Test Well
- ○ Vapor Extraction
- ◉ Other n/a

Water Level and Yield of Completed Well

Depth to first water (Feet below surface)

Depth to Static Water Level (Feet) Date Measured

Estimated Yield * (GPM) Test Type

Test Length (Hours) Total Drawdown (Feet)

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Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size If Any (Inches)
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5	10	10	Screen	PVC Sch. 40	0.1	4	Wire Wrap	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	4	Cement	Neat cement
4	5	Bentonite	Seal
5	10	Filter Pack	#2/12 Lonestar Sand

Attachments

- ☑ Geologic Log
- ☑ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☑ Other Site Plan

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

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Person, Firm or Corporation

950 Howe Road Martinez CA 94553
Address City State Zip

Signed [signature] 8/22/14
C-57 Licensed Water Well Contractor Date Signed

485-165
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

Planning and Development Department
Toxics Management Division
February 14, 2013

British Petroleum
c/o Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

Subject: Approval of Request for No Further Action
Arco # 00414, Berkeley Case No 27540;
RWQCB No. 01-0102 3000 Shattuck Avenue, Berkeley, California 94702

Dear Ms. Wager,

This letter confirms the completion of a site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank is greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety code and with the corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required. This notice is issued pursuant to subdivision (g) of Section 25296.1 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Geoffery Fiedler
Hazardous Materials Specialist, II

Cc: Shazada Khan, U.S. Smog and Gas, 3000 Shattuck Avenue Berkeley, California 94705

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

Tools Reports UST Case Closures How to Use GeoTracker ESI Information

ARCO # 00414 (T0600100094) - (MAP)

SIGN UP FOR EMAIL ALERTS

3000 SHATTUCK AVE
BERKELEY, CA 94702
ALAMEDA COUNTY
LUST CLEANUP SITE (INFO)
COMPLETED - CASE CLOSED AS OF 2/14/2013 - *DEFINITION*

PRINTABLE CASE SUMMARY / CSM REPORT

CUF Claim #: 11238
CUF Priority Assigned: D
CUF Amount Paid:

CLEANUP OVERSIGHT AGENCIES
BERKELEY, CITY OF *(LEAD)* - *CASE #: 27540*
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-0102*
CASEWORKER: Regional Water Board

Summary Case Reviews Cleanup Action Report Regulatory Activities Environmental Data (ESI) Site Maps / Documents Community Involvement Related Cases

CLICK HERE TO MARK MULTIPLE DOCUMENTS TO DOWNLOAD ☐ INCLUDE DOCUMENTS FOR ASSOCIATED CASES * DENOTES A SUBMITTAL WAS AUTO-RECEIVED

Site Maps (GEO_MAP), Boring Logs (GEO_BORE) and KML / KMZ Files

TITLE	SUBMITTED BY	SUBMITTED	SIZE
GEO_MAP	SUZANNE NASE (CONTRACTOR)	12/4/2003	127 KB

Site Documents

TITLE	TYPE	SUBMITTED BY	DOCUMENT DATE	SIZE
CA 00414 20150113 BP WELL DESTRUCTION REPORT	WELL DESTRUCTION REPORT	ARCADIS (AUTH_RP)	1/13/2015*	8,331 KB
01S0746 (US SMOG) - NFA PACKAGE 9-3-14	CORRESPONDENCE	ARCADIS (AUTH_RP)	9/3/2014*	146 KB
BP 00414 SUMMARY OF INVESTIGATION RESULTS	SITE INVESTIGATION	ARCADIS (AUTH_RP)	7/9/2014*	3,223 KB
APPROVAL OF REQUEST FOR NO FURTHER ACTION	CLOSURE/NO FURTHER ACTION LETTER	(REGULATOR)	2/14/2013	
NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE	NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE	(REGULATOR)	12/13/2012	
STAFF LETTER	STAFF LETTER	(REGULATOR)	12/29/2010	
CASE CLOSURE SUMMARY REPORT	REQUEST FOR CLOSURE	ARCADIS (AUTH_RP)	6/9/2010	9,503 KB
RELEASE NOTIFICATION	CORRESPONDENCE	ARCADIS (AUTH_RP)	4/20/2010*	1,780 KB
4Q09 QSR	OTHER REPORT / DOCUMENT	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	1/25/2010*	1,412 KB
2Q09 QSR	OTHER REPORT / DOCUMENT	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	7/7/2009*	646 KB
TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	3/12/2009	
4Q08 QSR	OTHER REPORT / DOCUMENT	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	1/30/2009	688 KB
GROUNDWATER MONITORING REPORT 2ND QTR 1993	REPORT	(REGULATOR)	2/17/2007	1,575 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1992	REPORT	(REGULATOR)	2/17/2007	1,569 KB
MONITORING WELL INSTALLATION REPORT 1-29-1992	REPORT	(REGULATOR)	2/17/2007	1,519 KB
LETTER 6-25-1993	LETTER	(REGULATOR)	2/17/2007	48 KB
WORK PLAN 6-17-1993	REPORT	(REGULATOR)	2/17/2007	525 KB
LETTER 6-17-1993	LETTER	(REGULATOR)	2/17/2007	42 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1994	REPORT	(REGULATOR)	2/17/2007	1,075 KB
GROUNDWATER MONITORING REPORT 2ND QTR 1994	REPORT	(REGULATOR)	2/17/2007	1,305 KB
GROUNDWATER MONITORING REPORT 4TH QTR 1994	REPORT	(REGULATOR)	2/17/2007	1,094 KB
LETTER 6-10-1993	LETTER	(REGULATOR)	2/14/2007	1,019 KB
LISCENCE AGREEMENT REQUEST 10-15-1992	LETTER	(REGULATOR)	2/14/2007	80 KB
SITE STATUS UPDATE 12-9-1992	REPORT	(REGULATOR)	2/14/2007	59 KB
LISCENCE AGREEMENT REQUEST 12-17-1992	LETTER	(REGULATOR)	2/14/2007	152 KB
SITE STATUS UPDATE 1-13-1993	REPORT	(REGULATOR)	2/14/2007	47 KB
LISCENCE AGREEMENT REQUEST 1-22-1993	LETTER	(REGULATOR)	2/14/2007	67 KB
SITE STATUS UPDATE 2-26-1993	REPORT	(REGULATOR)	2/14/2007	47 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1992	REPORT	(REGULATOR)	2/14/2007	841 KB
WORK PLAN 7-9-1992	REPORT	(REGULATOR)	2/14/2007	411 KB
WORK PLAN 8-15-1991	REPORT	(REGULATOR)	2/14/2007	1,183 KB
SITE STATUS REPORT APR 1989	REPORT	(REGULATOR)	2/14/2007	21 KB
SITE STATUS UPDATE JAN. 1990	REPORT	(REGULATOR)	2/14/2007	19 KB
WORK PLAN 5-19-1992	REPORT	(REGULATOR)	2/14/2007	39 KB
SITE STATUS REPORT 3-31-1992	REPORT	(REGULATOR)	2/14/2007	34 KB
SITE STATUS REPORT 2-28-1992	REPORT	(REGULATOR)	2/14/2007	33 KB
UST UNAUTHORIZED RELEASE FORM 4-12-1988	LETTER	(REGULATOR)	2/14/2007	102 KB
SITE STATUS UPDATE SEPT. 1989	REPORT	(REGULATOR)	2/14/2007	24 KB

LETTER 9-16-1991	LETTER	(REGULATOR)	2/14/2007	44 KB
LETTER 9-13-1991	LETTER	(REGULATOR)	2/14/2007	42 KB
SITE STATUS UPDATE 11-6-1992	REPORT	(REGULATOR)	2/14/2007	52 KB
SITE STATUS UPDATE 5-26-1993	REPORT	(REGULATOR)	2/14/2007	48 KB
LETTER 7-15-1993	LETTER	(REGULATOR)	2/14/2007	57 KB
SITE STATUS UPDATE 12-14-1993	REPORT	(REGULATOR)	2/14/2007	50 KB
SITE STATUS UPDATE 11-18-1993	REPORT	(REGULATOR)	2/14/2007	50 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1993	REPORT	(REGULATOR)	2/14/2007	1,353 KB
LETTER 9-16-1993	LETTER	(REGULATOR)	2/14/2007	117 KB
SITE STATUS UPDATE 9-15-1993	REPORT	(REGULATOR)	2/14/2007	45 KB
SITE STATUS UPDATE 8-11-1993	REPORT	(REGULATOR)	2/14/2007	52 KB
SITE STATUS UPDATE 1-20-1994	REPORT	(REGULATOR)	2/14/2007	45 KB
LETTER 3-18-1994	LETTER	(REGULATOR)	2/14/2007	99 KB
LETTER 4-29-1994	LETTER	(REGULATOR)	2/14/2007	453 KB
GROUNDWATER MONITORING REPORT 4TH QTR 1996	REPORT	(REGULATOR)	2/14/2007	1,506 KB
WORK PLAN 6-3-1994	REPORT	(REGULATOR)	2/14/2007	174 KB
LETTER 7-13-1994	LETTER	(REGULATOR)	2/14/2007	44 KB
WELL INSTALLATION AUTHORIZATION 7-20-1994	LETTER	(REGULATOR)	2/14/2007	231 KB
LETTER 11-9-1992	LETTER	(REGULATOR)	2/14/2007	495 KB
FUEL LEAK CASE FORM 8-21-1989	OTHER	(REGULATOR)	2/14/2007	30 KB
GROUNDWATER MONITORING REPORT 4TH QTR 1995	REPORT	(REGULATOR)	2/14/2007	1,325 KB
GROUNDWATER MONITORING REPORT 2ND QTR 1996	REPORT	(REGULATOR)	2/14/2007	1,418 KB
FUEL LEAK CASE FORM 7-25-1988	OTHER	(REGULATOR)	2/14/2007	26 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1997	REPORT	(REGULATOR)	2/14/2007	1,463 KB
GROUNDWATER MONITORING REPORT 2ND QTR 1997	REPORT	(REGULATOR)	2/14/2007	1,531 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1997	REPORT	(REGULATOR)	2/14/2007	1,314 KB
GROUNDWATER MONITORING REPORT 4TH QTR 1997	REPORT	(REGULATOR)	2/14/2007	1,231 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1998	REPORT	(REGULATOR)	2/14/2007	1,302 KB
UST TANK REMOVAL & SOIL INVESTIGATION REPORT	REPORT	(REGULATOR)	2/14/2007	1,185 KB
GROUNDWATER MONITORING REPORT 4TH QTR 1993	REPORT	(REGULATOR)	2/14/2007	1,537 KB
UST RELEASE FORM 4-6-1993		(REGULATOR)	2/14/2007	79 KB
LETTER 7-28-1994	LETTER	(REGULATOR)	2/14/2007	36 KB
LETTER 5-6-1994	LETTER	(REGULATOR)	2/14/2007	66 KB
SITE STATUS UPDATE 3-9-1993	REPORT	(REGULATOR)	2/14/2007	42 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1998	REPORT	(REGULATOR)	2/14/2007	1,474 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1991	REPORT	(REGULATOR)	2/14/2007	1,361 KB
LETTER 7-15-1992	LETTER	(REGULATOR)	2/14/2007	46 KB
LETTER 7-20-1992	LETTER	(REGULATOR)	2/14/2007	50 KB
SITE STATUS UPDATE 8-13-1992	REPORT	(REGULATOR)	2/14/2007	45 KB
GROUNDWATER MONITORING REPORT 4TH QTR 1998	REPORT	(REGULATOR)	2/14/2007	1,550 KB
LETTER 9-3-1992 (2)	LETTER	(REGULATOR)	2/14/2007	226 KB
LETTER 9-3-1992 (1)	LETTER	(REGULATOR)	2/14/2007	231 KB
LETTER 9-3-1992	LETTER	(REGULATOR)	2/14/2007	45 KB
GROUNDWATER MONITORING REPORT 2ND QTR 1992	REPORT	(REGULATOR)	2/14/2007	1,162 KB
AQUIFER TEST REPORT 12-24-1992	REPORT	(REGULATOR)	2/14/2007	1,360 KB
GROUNDWATER MONITORING REPORT 4TH QTR 1992	REPORT	(REGULATOR)	2/14/2007	1,096 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1999	REPORT	(REGULATOR)	2/14/2007	1,288 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1994	REPORT	(REGULATOR)	2/14/2007	1,378 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1993	REPORT	(REGULATOR)	2/14/2007	1,421 KB
UST RELEASE FORM 4-30-1993	OTHER	(REGULATOR)	2/14/2007	85 KB
UST RELEASE FORM 6-18-1992	OTHER	(REGULATOR)	2/14/2007	91 KB
SITE STATUS UPDATE 4-22-1993	REPORT	(REGULATOR)	2/14/2007	45 KB
SITE STATUS UPDATE 9-28-1992	REPORT	(REGULATOR)	2/14/2007	47 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1996	REPORT	(REGULATOR)	2/14/2007	1,411 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1995	REPORT	(REGULATOR)	2/14/2007	1,332 KB
GROUNDWATER MONITORING REPORT 2ND QTR 1995	REPORT	(REGULATOR)	2/14/2007	1,370 KB
GROUNDWATER MONITORING REPORT 3RD QTR 1995	REPORT	(REGULATOR)	2/14/2007	1,400 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1996	REPORT	(REGULATOR)	2/14/2007	1,448 KB
GROUNDWATER MONITORING REPORT 1ST QTR 1997	REPORT	(REGULATOR)	2/14/2007	1,581 KB
ENFOS WEBSITE INFORMATION	OTHER REPORT / DOCUMENT	(REGULATOR)	8/25/2006	
2Q06 QUARTERLY STATUS REPORT	REPORTS - QUARTERLY STATUS REPORT	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	7/28/2006	66 KB
CORRESPONDENCE ABOUT INVOICE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	6/6/2006	
INSPECTION FORM	SITE VISIT / INSPECTION / SAMPLING	(REGULATOR)	4/29/2006	
CHANGE IN PRIMARY CONSULTANT	CORRESPONDENCE	(REGULATOR)	2/13/2006	
4Q 2005 QSR SITE 0414	REPORTS - QUARTERLY STATUS REPORT	SUZANNE NASE (CONTRACTOR)	1/31/2006	41 KB
1Q 2005 QMR SITE 414	REPORTS - OTHER	SUZANNE NASE (CONTRACTOR)	3/15/2005	2,262 KB
HISTORICAL -AGENCY REQUEST FOR SITE CLOSURE DOCUMENTS DATED 04-2004	OTHER REPORT / DOCUMENT	PINNACLE EMS (CONTRACTOR)	4/21/2004*	273 KB
REAL ESTATE CLOSURE NOTICE	OTHER REPORT / DOCUMENT	(REGULATOR)	3/10/2004	
AFFORDA-TEST FORM	OTHER REPORT / DOCUMENT	(REGULATOR)	3/8/2004	
TANK INSPECTION FORM	OTHER REPORT / DOCUMENT	(REGULATOR)	3/8/2004	
ESCROW INFORMATION	OTHER REPORT / DOCUMENT	(REGULATOR)	3/5/2004	
CLOSED ESCROW DOCUMENTS	OTHER REPORT / DOCUMENT	(REGULATOR)	12/9/2003	
WELL WATER SURVEY	OTHER REPORT / DOCUMENT	(REGULATOR)	9/17/2003	
HISTORICAL -3Q 2003 GROUNDWATER MONITORING REPORT DATED 09-2003	OTHER REPORT / DOCUMENT	PINNACLE EMS (CONTRACTOR)	9/12/2003*	3,959 KB

CORRESPONDENCE ABOUT INVOICE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	5/1/2003
HAZARDOUS WASTE GENERATOR INSPECTION REPORT	SITE VISIT / INSPECTION / SAMPLING	(REGULATOR)	12/31/2002
INSPECTION REPORT SUMMARY	SITE VISIT / INSPECTION / SAMPLING	(REGULATOR)	12/24/2002
MONITORING WELL APPLICATION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	7/2/2002
SITE INVESTIGATION REPORT	OTHER REPORT / DOCUMENT	(REGULATOR)	6/21/2002
SITE INVESTIGATION REPORT	OTHER REPORT / DOCUMENT	(REGULATOR)	6/21/2002
CHANGE OF ENVIRONMENTAL CONSULTANT	CORRESPONDENCE	(REGULATOR)	5/30/2002
INSPECTION FORMS	SITE VISIT / INSPECTION / SAMPLING	(REGULATOR)	4/25/2002
ENCROACHMENT REQUEST	OTHER REPORT / DOCUMENT	(REGULATOR)	11/27/2001
CORRESPONDENCE ABOUT MONITORING REPORT	STAFF LETTER	(REGULATOR)	7/9/2001
CORRESPONDENCE ABOUT REPORT - CITY OF BERKELEY	STAFF LETTER	(REGULATOR)	2/16/2001
UST AND PIPING REMOVAL REPORT	TANK REMOVAL REPORT / UST SAMPLING REPORT	(REGULATOR)	12/12/2000
ANALYTICAL RESULTS FOR DISPENSER AND PIPING	OTHER REPORT / DOCUMENT	(REGULATOR)	8/23/2000
SOIL SAMPLE ANALYTICAL RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	8/18/2000
DOWNGRADIENT INVESTIGATION AND INTERIM REMEDIATION WORKPLAN	OTHER REPORT / DOCUMENT	(REGULATOR)	8/14/2000
ENCROACHMENT REQUEST	OTHER REPORT / DOCUMENT	(REGULATOR)	8/14/2000
NOTICE OF VIOLATION	CORRESPONDENCE	(REGULATOR)	4/5/2000
UNDERGROUND STORAGE TANK REMOVAL AND SOIL INVESTIGATION RESULTS	TANK REMOVAL REPORT / UST SAMPLING REPORT	LIZBETH AGUAYO (REGULATOR)	10/5/1998
CORRESPONDENCE ABOUT QUARTERLY GROUNDWATER MONITORING	STAFF LETTER	(REGULATOR)	8/27/1998
REVIEW OF QUARTERLY MONITORING REPORT	STAFF LETTER	(REGULATOR)	4/29/1998
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	3/8/1998
PROPOSAL FOR ADDITIONAL SITE INVESTIGATION -CITY OF BERKELEY	STAFF LETTER	(REGULATOR)	2/2/1998
WORKPLAN FOR ADDITIONAL INVESTIGATION	OTHER WORKPLAN	(REGULATOR)	1/19/1998
RESPONSE LETTER/MEETING MINUTES	OTHER REPORT / DOCUMENT	(REGULATOR)	12/30/1997
CORRESPONDENCE ABOUT INSPECTION	OTHER REPORT / DOCUMENT	(REGULATOR)	10/1/1997
DATA FROM QUARTERLY MONITORING REPORTS	OTHER REPORT / DOCUMENT	(REGULATOR)	8/12/1997
SITE MAPS	OTHER REPORT / DOCUMENT	(REGULATOR)	5/28/1996
ANNUAL TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	9/26/1995
WASTE OIL TANK INSPECTION RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	5/24/1995
LINES AND LEAK DETECTOR TESTS	OTHER REPORT / DOCUMENT	(REGULATOR)	10/3/1994
WELL PERMIT DATA (TRANSMITTAL ONLY)	OTHER REPORT / DOCUMENT	(REGULATOR)	8/12/1994
APPLICATION FOR MONITORING WELLS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	8/12/1994
WELL PERMIT (TRANSMITTAL ONLY)	OTHER REPORT / DOCUMENT	(REGULATOR)	8/10/1994
TANK PIT DE-WATERING AND DEPTH TO WATER MEASUREMENTS	OTHER REPORT / DOCUMENT	(REGULATOR)	8/4/1994
RESULTS FOR TANK TEST	OTHER REPORT / DOCUMENT	(REGULATOR)	5/13/1994
INVENTORY RECONCILIATION REPORT AND LEAK REPORTS	OTHER REPORT / DOCUMENT	(REGULATOR)	3/28/1994
HAZARDOUS SUBSTANCES SUMMARY SHEET	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	3/19/1994
UST UNAUTHORIZED RELEASE FORMS	OTHER REPORT / DOCUMENT	(REGULATOR)	3/10/1994
TMD RECEIVED NOV 5 LETTER	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	12/13/1993
RESPONSE TO NOTICE OF NON-COMPLIANCE	CORRESPONDENCE	(REGULATOR)	11/17/1993
LETTER FROM GEOSTRATEGIES	CORRESPONDENCE	(REGULATOR)	11/12/1993
ENVIRONMENTAL COMPLIANCE CHECK LISTS	OTHER REPORT / DOCUMENT	(REGULATOR)	11/9/1993
ABOUT LETTER OF NON-COMPLIANCE	CORRESPONDENCE	(REGULATOR)	11/5/1993
NOTICE OF NON-COMPLIANCE	STAFF LETTER	(REGULATOR)	10/21/1993
MONTHLY SITE STATUS UPDATE	OTHER REPORT / DOCUMENT	(REGULATOR)	10/12/1993
MONTHLY SITE STATUS UPDATE	OTHER REPORT / DOCUMENT	(REGULATOR)	10/12/1993
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	5/27/1993
UST LEAK SITE UPDATE	CORRESPONDENCE	LIZBETH AGUAYO (REGULATOR)	1/4/1993
LISCENSE AGREEMENT REQUEST	OTHER REPORT / DOCUMENT	(REGULATOR)	12/17/1992
MONTHLY SITE UPDATE STATUS	OTHER REPORT / DOCUMENT	(REGULATOR)	11/9/1992
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	11/3/1992
REPORT ON CLOSURE (TRANSMITTAL ONLY)	OTHER REPORT / DOCUMENT	(REGULATOR)	9/23/1992
REPORT OF OIL-WATER SEPARATOR	OTHER REPORT / DOCUMENT	(REGULATOR)	8/17/1992
HAZARDOUS MATERIALS INSPECTION FORM	SITE VISIT / INSPECTION / SAMPLING	(REGULATOR)	8/6/1992
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	6/4/1992
HAZARDOUS MATERIALS BUSINESS PLAN (TRANSMITTAL ONLY)	OTHER REPORT / DOCUMENT	(REGULATOR)	12/13/1991
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	11/12/1991
INVENTORY RECONCILIATION	OTHER REPORT / DOCUMENT	(REGULATOR)	10/17/1991
PERMIT APPLICATION	OTHER REPORT / DOCUMENT	(REGULATOR)	8/21/1991
PERMIT APPLICATION	OTHER REPORT / DOCUMENT	(REGULATOR)	8/21/1991
INVENTORY RECONCILIATION	OTHER REPORT / DOCUMENT	(REGULATOR)	8/20/1991
UST LEAK SITE UPDATE	CORRESPONDENCE	LIZBETH AGUAYO (REGULATOR)	4/15/1991
UST LEAK SITE UPDATE	CORRESPONDENCE	LIZBETH AGUAYO (REGULATOR)	1/15/1991
TEST TANK RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	11/21/1990
PAYMENT CORRESPONDENCE	CORRESPONDENCE	(REGULATOR)	10/20/1990
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	8/22/1990
INVENTORY RECONCILIATION	OTHER REPORT / DOCUMENT	(REGULATOR)	1/29/1990
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	1/5/1990

VARIOUS CORRESPONDENCE FROM 1990'S	CORRESPONDENCE	(REGULATOR)	1/1/1990
DETAILED SITE MAPS - UNKNOWN DATE	OTHER REPORT / DOCUMENT	(REGULATOR)	1/1/1990
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	11/7/1989
TANK TESTING RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	7/6/1989
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	5/9/1989
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	4/11/1989
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	3/22/1988
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	2/22/1988
TANK LOCATIONS	OTHER REPORT / DOCUMENT	(REGULATOR)	9/8/1986
TANK TEST RESULTS	OTHER REPORT / DOCUMENT	(REGULATOR)	9/8/1986

Petition Documents

NO PETITION DOCUMENT SUBMITTALS FOUND FOR THIS FACILITY.

Monitoring Reports

TITLE	TYPE	SUBMITTED BY	DOCUMENT DATE	SIZE
1Q10 SAMR	MONITORING REPORT - SEMI-ANNUALLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	4/30/2010*	2,095 KB
THIRD QUARTER 2009 GROUND-WATER MONITORING REPORT	MONITORING REPORT - SEMI-ANNUALLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	9/30/2009	2,305 KB
1Q09 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	4/30/2009*	1,610 KB
2008Q3 GWMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	10/22/2008	3,191 KB
2Q08 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	7/25/2008	1,437 KB
1Q08 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	4/30/2008	3,127 KB
4Q07 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	1/29/2008	1,385 KB
3Q07 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	10/31/2007	3,900 KB
2Q07 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	7/31/2007	2,076 KB
1Q07 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	4/27/2007	2,857 KB
4Q06 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	1/31/2007	2,114 KB
3Q06 QMR	MONITORING REPORT - QUARTERLY	BROADBENT & ASSOCIATES, INC. (CONTRACTOR)	11/1/2006	1,493 KB
ARCO 414 - 1Q06 QMR.PDF	MONITORING REPORT - QUARTERLY	SUZANNE NASE (CONTRACTOR)	4/19/2006	2,458 KB
3Q 2005 QMR SITE 414	MONITORING REPORT - QUARTERLY	SUZANNE NASE (CONTRACTOR)	10/12/2005	2,282 KB
2Q 2005 GROUNDWATER MONITORING REPORT	MONITORING REPORT - QUARTERLY	SUZANNE NASE (CONTRACTOR)	6/24/2005	2,349 KB
4THQM04 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	12/3/2004	22,943 KB
3RDQM04 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	9/21/2004	24,832 KB
2NDQM04 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	6/23/2004	10,989 KB
1STQM04 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	3/18/2004	17,091 KB
4THQM03 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	11/17/2003	9,977 KB
4THQM03 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	11/17/2003	10,080 KB
3RDQM03 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	9/12/2003	15,669 KB
2NDQM03 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	5/30/2003	16,789 KB
2NDQM03 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	5/30/2003	18,357 KB
1STQM03 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	4/25/2003	22,115 KB
1STQM03 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	4/4/2003	18,348 KB
4THQM02 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	2/19/2003	10,814 KB
3RDQM02 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	1/28/2003	13,285 KB
2NDQM02 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	10/21/2002	13,169 KB
1STQM02 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	3/28/2002	0 KB
4THQM01 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	2/6/2002	8,301 KB
3RDQM01 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	10/17/2001	13,612 KB
SECOND QUARTERLY MONITORING AND REMEDIATION PERFORMANCE	MONITORING REPORT -	(REGULATOR)	7/23/2001	14,398 KB

REPORT -	QUARTERLY			
1STQM01 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	4/25/2001	10,998 KB
TRANSMITTAL OF UST REMOVAL AND 4THQM REPORT -	MONITORING REPORT - QUARTERLY	(REGULATOR)	2/16/2001	8,612 KB
3RDQM00 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	10/30/2000	8,087 KB
2NDQM00 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	8/4/2000	8,079 KB
1STQM00 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	4/27/2000	11,732 KB
1STQM00 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	4/27/2000	11,732 KB
4THQM99 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	3/6/2000	11,862 KB
3RDQM99 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	11/17/1999	12,148 KB
2NDQM99 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	7/14/1999	12,046 KB
4THQM98 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	3/8/1999	11,938 KB
2NDQM98 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	12/17/1998	11,863 KB
4THQM94 -	MONITORING REPORT - QUARTERLY	(REGULATOR)	3/21/1995	7,669 KB

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ENVIRONMENT

Ms. Cheryl Prowell, PE
Water Resources Control Engineer
San Francisco Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject:
Summary of Site Characterization Activities and Results
3000 Shattuck Avenue, Berkeley, California
San Francisco Bay RWQCB Case # 01S0746

Date:
July 9, 2014

Contact:
Hollis Phillips

Phone:
415.432.6903

Email:
Hollis.Phillips@arcadis-us.com

Our ref:
GP09BPNA.C012

Dear Ms. Prowell:

On behalf of British Petroleum (BP), ARCADIS U.S., Inc. (ARCADIS) has prepared this letter to present results of additional investigation activities conducted at the U.S. Smog and Gas facility located at 3000 Shattuck Avenue Berkeley, California (Site) and summarize the current conditions of the Site.

Site Background

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former underground storage tanks (USTs). In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release case (T0600100094; City of Berkeley, 2013). However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP; City of Berkeley, 2012). Based on several lines of evidence, ARCADIS requested to be removed as a PRP (ARCADIS, 2013); however, the request was denied in July 2013 after oversight was transferred to the California Regional Water Quality Control Board (RWQCB, 2013). Following correspondence with the RWQCB, ARCADIS proceeded with investigation activities as requested in the December 2012 notice.

Investigation Activities and Results

In February and March 2014, ARCADIS conducted groundwater sampling to further characterize the nature and extent of site constituents associated with the new release. Historical data from monitoring well A-2 indicated that the carbon range distribution in the free product sample collected in 2008 most clearly resembled mineral oil; therefore, ARCADIS proposed collecting samples from monitoring wells A-2 (the impacted well) and AR-1 (the downgradient well) for analysis of petroleum hydrocarbons and mineral oil. A site plan is included as Figure 1.

On February 13 and March 10, 2014, Broadbent & Associates, Inc (BAI) mobilized to the Site for groundwater sampling activities. During the February sampling event groundwater was inadvertently only analyzed for total petroleum hydrocarbons as diesel (TPHd), including mineral and motor oil ranges (TPHmo), and TPH as gasoline (TPHg). Therefore the wells were re-sampled in March and analyzed for TPHd, mineral oil, TPHmo, TPHg, methyl-tertiary-butyl-ether (MTBE), jet fuel, and transmission oil (the same analytes as the 2008 samples). Benzene, toluene, ethylbenzene, and xylenes (BTEX) were not analyzed because they have not been detected historically in these wells.

Depth-to-water (DTW) and depth-to-product (DTP) measurements were first collected with an oil/water interface probe to assess the presence of free product. BAI staff indicated that measureable free product was not detected, and no sheen was observed at A-2 and AR-1 during sampling activities. Field data sheets are included as Attachment A.

Groundwater samples were collected using a peristaltic pump and low-flow methodology, and submitted under chain-of-custody documentation to TestAmerica, Inc. (TA) in February and Curtis and Tompkins Analytical Laboratories, Inc. (C&T) in March for analysis. TestAmerica does not analyze for hydraulic or transmission oil so the samples were analyzed by C&T during the March sampling event. The laboratory analytical reports for February and March 2014 are included as Attachment B.

During the March 2014 sampling event laboratory analytical results indicated the following:

- TPHd was detected in monitoring wells A-2 and AR-1 at concentrations of 410 micrograms per liter (µg/L) and 130 µg/L, respectively.
- TPHmo was detected in well A-2 at a concentration of 360 µg/L
- Mineral Oil was detected in well A-2 at a concentration of 410 µg/L.
- Hydraulic Oil was detected in monitoring wells A-2 and AR-1 at concentrations of 790 µg/L and 310 µg/L, respectively.
- Transmission Oil was detected in well A-2 at a concentration of 670 µg/L.
- TPHg and Jet A fuel were not detected above method reporting limits (RLs).

The February and March data were very similar and a summary, including the 2008 data, is presented in Table 1. No problems were encountered during analysis; however, results from several analyses noted that the chromatographic pattern observed in the samples did not resemble the standard solutions patterns.

Current Site Conditions and Relevant Receptors

Groundwater samples were collected to assess the current nature and extent of analytes in the vicinity of the hydraulic lifts (A-2) and downgradient along the Site boundary (AR-1). Data collected during the 2014 investigation indicate that detections of chemicals of interest (COIs) associated with the release are primarily limited to the vicinity of A-2. Concentrations of hydraulic oil and TPHd were detected in downgradient monitoring well AR-1 at low concentrations; however mineral oil, which was identified as the primary COI associated with the release, was not detected above RLs at AR-1. Detections of TPHd at AR-1 are on the same order of magnitude as concentrations detected in 2008 (100 µg/L), indicating that the plume is not increasing along the downgradient boundary and thus is not migrating off-site. In addition, concentrations of detected COIs at A-2 have all decreased by an order of magnitude since 2008, indicating there is not an ongoing source, and the area in the vicinity of the suspected source is attenuating. Overall, concentrations of COIs in source area well A-2 and downgradient well AR-1 indicate that the plume associated with the release is not migrating and is decreasing.

In addition to field activities, ARCADIS reviewed a sensitive receptor survey (SRS) previously prepared for the Site to evaluate potential exposure pathways associated with the current extent of COIs. The SRS indicates that no sensitive receptors are located within 2,000 feet downgradient of the Site (west), and the nearest surface water body (San Francisco Bay) is located approximately 8,500 feet west of the Site (ARCADIS, 2010). Based on the nature and extent of the COIs associated with the

release and the SRS, no complete exposure pathways are present and no sensitive receptors are likely to be impacted at the Site.

Conclusions

Review of current and historical data related to the release at the Site indicates that the nature and extent of COIs has been adequately characterized, and the associated plume is decreasing in size. The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities and the rationale presented herein, ARCADIS requests case closure and a NFA be granted. If you have any questions or comments, please contact Hollis Phillips by telephone at 415.432.6903 or by e-mail at Hollis.Phillips@arcadis-us.com

Sincerely,

ARCADIS U.S., Inc.

Hollis E. Phillips, PG (No. 6887)
Project Manager/ Principal Geologist

Attachments:

Table 1	Summary of Groundwater Monitoring Data
Figure 1	Site Plan
Attachment A	Field Data Sheets
Attachment B	Laboratory Analytical Reports

References:

ARCADIS U.S., Inc. (ARCADIS), 2010. Case Closure Summary Report, Former British Petroleum Station #00414, City of Berkeley Case #27540, 3000 Shattuck Avenue, Berkeley California. June 9.

ARCADIS, 2013. Unauthorized Release, 3000 Shattuck Avenue, Berkeley, California, Local Oversight Program Case No. 13-3000-SHA. February 15.

California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), 2013. Personal Communication. Electronic mail from Ms. Cheryl Prowell, RWQCB, to Ms. Hollis Phillips, ARCADIS, re: 3000 Shattuck Ave Berkeley case Nos. T1000004483 and T0600100094. July 11.

City of Berkeley, Planning and Development Department, Toxics Management Division (City of Berkeley), 2012. Unauthorized Release – Notice to Conduct an Investigation, 3000 Shattuck Avenue, Berkeley, California. December 12.

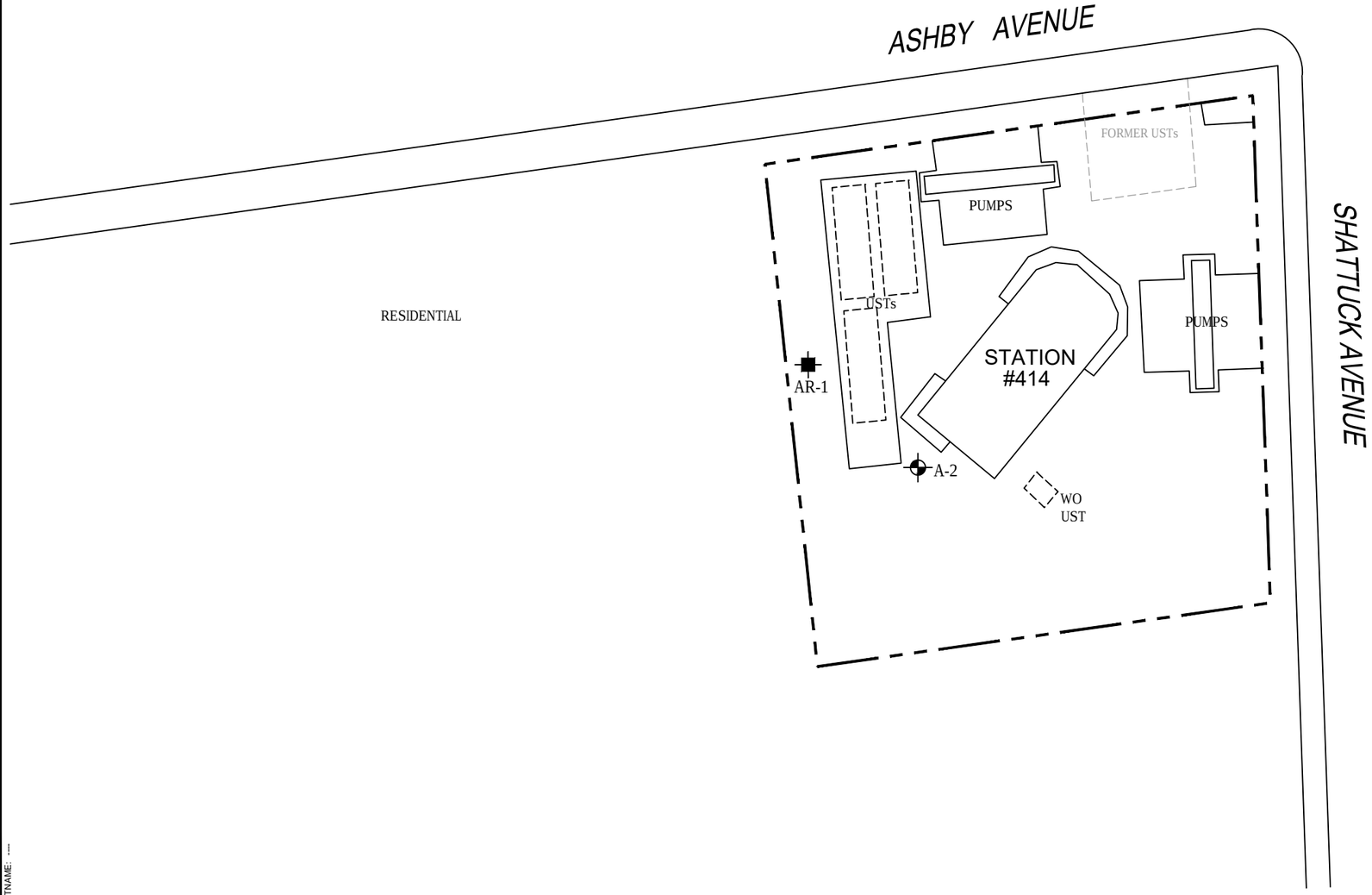
City of Berkeley 2013. Approval of Request for No Further Action, Arco #00414, Berkeley Case No 27540; RWQCB No. 01-0102, 3000 Shattuck Avenue, Berkeley, California 94702. February 14.

Copies:
GeoTracker

Table 1
Summary Of Groundwater Monitoring Data
3000 Shattuck Avenue, Berkeley, California

Well ID	Date	TPHg (µg/L)	MTBE (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Mineral Oil (µg/L)	Hydraulic Oil (µg/L)	Transmission Oil (µg/L)	Jet A (µg/L)
A-2	1/31/2008	1,300	28	1,900	<1,900	3,500	3,300	3,700	470
	2/13/2014	<50	--	270	330	350	--	--	--
	3/10/2014	<50	6.9	410 Y	360	410 Y	790 Y	670 Y	<50
AR-1	1/31/2008	<50	2.8	100	<470	--	--	--	--
	2/13/2014	<50	--	86	<100	--	--	--	--
	3/10/2014	<50	1.6	130 Y	<300	<300	310	<300	<50

Notes: TPHg - total petroleum hydrocarbons as gasoline range organics
TPHd - total petroleum hydrocarbons as diesel range organics
TPHmo - total petroleum hydrocarbons as motor oil range organics
Y - sample exhibits chromatographic pattern which does not resemble standard
µg/L - micrograms per liter



LEGEND

- MONITORING WELL
- RECOVERY WELL
- WO WASTE OIL
- UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

0 30' 60'

GRAPHIC SCALE

BP FACILITY NO. 414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA

S□T□□□A□

ARCADIS

FIGURE
□

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\GP09BPNAC012\Q0000\DWG\GP09BPNAC012-B01.dwg LAYOUT: 1 SAVED: 5/15/2014 6:51 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 5/15/2014 6:51 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---
GP09BPNAC012-X01

Attachment A

Field Data Sheets

BROADBENT

DAILY REPORT

Project: Arcadis 414 Project No.: 09-88-670

Field Representative(s): Alex Martinez Day: Thursday Date: 2/13/14

Time Onsite: From: 1030 To: 1200 ; From: _____ To: _____ ; From: _____ To: _____

x Signed HASP x Safety Glasses x Hard Hat x Steel Toe Boots x Safety Vest

x UST Emergency System Shut-off Switches Located x Proper Gloves

x Proper Level of Barricading ___ Other PPE (describe) _____

Weather: Partly Cloudy

Equipment In Use: Peristaltic pump, US2 meter, interface probe

Visitors: None

TIME:	WORK DESCRIPTION:
1030	Arrive onsite. Informed station operator of activities to be performed.
1040	Set up for sampling @ A-2
1120	Set up @ AR-1
1200	Completed fieldwork & offsite.

Signature: Alex Martinez

BROADBENT

GROUNDWATER MONITORING SITE SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM Elevation: _____

Formation recharge rate is historically: High Low *(circle one)*

W. L. Indicator ID #: _____ Oil/Water Interface ID #: _____ *(List #s of all equip used.)*

WELL ID RECORD					WELL GAUGING RECORD					NOTES
Well ID	Well Sampling Order	As-Built Well Diameter (inches)	As-Built Well Screen Interval (ft)	Previous Depth to Water (ft)	Time (24:00)	Depth to LNAPL (ft)	Apparent LNAPL Thickness (ft)*	Depth to Water (ft)	Well Total Depth (ft)	
A-2					1048	-	-	7.07	29.20	
AR-1					1125	-	-	7.03	31.60	

* Device used to measure LNAPL thickness: Bailer Oil/Water Interface Meter *(circle one)*

If bailer used, note bailer dimensions (inches): Entry Diameter _____ Chamber Diameter _____

Signature: _____

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: A-2 Start Time: - End Time: - Total Time (minutes): -

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

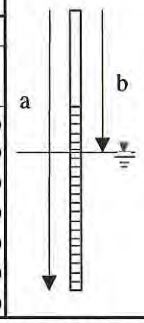
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 29.20 (ft)
Initial Depth to Water (b): 7.07 (ft)
Pump In-take Depth = b + (a-b)/2: 18.13 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.76 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or (L)	Temperature °C	pH	Conductivity µS or (mS)	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1056	0.0	18.87	7.64	0.741	3.71	152	0.0	
1058	0.5	19.35	7.09	0.735	2.31	168	0.0	
1100	1.0	19.53	6.87	0.732	2.02	179	0.0	
1102	1.5	19.64	6.76	0.731	1.93	186	0.0	
1104	2.0	19.73	6.69	0.730	1.86	193	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.97 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: A-2 Sample Collection Time: 1105 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

BROADBENT

GROUNDWATER SAMPLING DATA SHEET

Project: Arcadis 414 Project No.: 09-88-670 Date: 2/13/14

Field Representative: AM

Well ID: AR-1 Start Time: — End Time: — Total Time (minutes): —

PURGE EQUIPMENT ___ Disp. Bailer ___ 120V Pump X Flow Cell
X Disp. Tubing ___ 12V Pump X Peristaltic Pump Other/ID#:

WELL HEAD INTEGRITY (cap, lock, vault, etc.) Comments:
(Good) Improvement Needed *(circle one)*

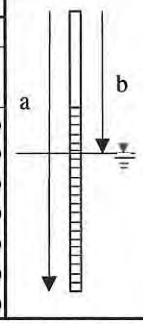
PURGING/SAMPLING METHOD Predetermined Well Volume (Low-Flow) Other: *(circle one)*

PREDETERMINED WELL VOLUME

Casing Diameter | Unit Volume (gal/ft) *(circle one)*

1" | (0.04) 1.25" | (0.08) 2" | (0.17) 3" | (0.38) Other:
4" | (0.66) 6" | (1.50) 8" | (2.60) 12" | (5.81) ___" | (___)

Total Well Depth (a): ___(ft)
Initial Depth to Water (b): ___(ft)
Water Column Height (WCH) = (a - b): ___(ft)
Water Column Volume (WCV) = WCH x Unit Volume: ___(gal)
Three Casing Volumes = WCV x 3: ___(gal)
Five Casing Volumes = WCV x 5: ___(gal)
Pump Depth (if pump used): ___(ft)



LOW-FLOW

Previous Low-Flow Purge Rate: ___(lpm)
Total Well Depth (a): 31.60 (ft)
Initial Depth to Water (b): 7.03 (ft)
Pump In-take Depth = b + (a-b)/2: 19.51 (ft)
Maximum Allowable Drawdown = (a-b)/8: 2.94 (ft)
Low-Flow Purge Rate: 0.25 (Lpm)*
Comments:

**Low-flow purge rate should be within range of instruments used but should not exceed 0.25 gpm. Drawdown should not exceed Maximum Allowable Drawdown.*

GROUNDWATER STABILIZATION PARAMETER RECORD

Time (24:00)	Cumulative Vol. gal or L	Temperature °C	pH	Conductivity µS or mS	DO mg/L	ORP mV	Turbidity NTU	NOTES Odor, color, sheen or other
1132	0.0	21.13	6.41	0.498	3.52	29	82.4	
1134	0.5	20.77	6.60	0.506	1.51	-136	8.1	
1136	1.0	20.61	6.73	0.505	1.33	-162	0.0	
1138	1.5	20.52	6.78	0.508	1.27	-171	0.0	
1140	2.0	20.50	6.84	0.509	1.22	-179	0.0	
Previous Stabilized Parameters								

PURGE COMPLETION RECORD X Low Flow & Parameters Stable ___ 3 Casing Volumes & Parameters Stable ___ 5 Casing Volumes
___ Other:

SAMPLE COLLECTION RECORD

Depth to Water at Sampling: 7.35 (ft)
Sample Collected Via: ___ Disp. Bailer ___ Dedicated Pump Tubing
X Disp. Pump Tubing Other:
Sample ID: AR-1 Sample Collection Time: 1145 (24:00)
Containers (#): 3 VOA (X preserved or ___ unpreserved) ___ Liter Amber
2 Other: 1 L NP Ambers ___ Other:
___ Other: ___ Other:

GEOCHEMICAL PARAMETERS

Parameter	Time	Measurement
DO (mg/L)		
Ferrous Iron (mg/L)		
Redox Potential (mV)		
Alkalinity (mg/L)		
Other:		
Other:		

Signature:

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	_____ of _____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) _____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	AQ	2								On Hold

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	[illegible]	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Attachment B

Laboratory Analytical Reports

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 254253
ANALYTICAL REPORT

Arcadis	Project : ARCADIS 414
2000 Powell St.	
Emeryville, CA 94608	Level : II

Sample ID	Lab ID
A-2	254253-001
AR-1	254253-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 03/18/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**254253**
Client:	**Arcadis**
Project:	**ARCADIS 414**
Request Date:	**03/10/14**
Samples Received:	**03/10/14**

This data package contains sample and QC results for two water samples, requested for the above referenced project on 03/10/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

CHAIN OF CUSTODY

Chain of Custody # : _____

C&T LOGIN # 254353

Project No:

Project Name: Arcadis 414

EDD Format: _____ **Rpt Level:** II III IV

Turnaround Time: ☐ RUSH _____ ☑ Standard

Sampler: Alex Martinez

Report To: Kristene Tidwell

Company : Broadbent & Associates, Inc

Telephone: 707-455-7290

Email: ktidwell@broadbentinc.com

Lab No.	Sample ID.	Sampling		Matrix				# of Containers	Chemical Preservative					Analytical Request														
		Date	Time	Water	Soil				HCl	H_2SO_4	HNO_3	NaOH	None	TPHg	TPHd	MTBE	Mineral Oil	Transmission Oil	Hydraulic Oil	Jet-A								
1	A-2	3/10/2014	1225	x				5	3				2	x	x	x	x	x	x	x								
2	AR-1	3/10/2014	1255	x				5	3				2	x	x	x	x	x	x	x								

Notes:

This sampling event was conducted for Arcadis U.S., Inc.
Please send results to Hollis Phillips of Arcadis.

SAMPLE RECEIPT
☐ Intact ☐ Cold
☑ On Ice ☐ Ambient

RELINQUISHED BY:

3/10/14 1335 _____ DATE/TIME

DATE/TIME

DATE/TIME

RECEIVED BY:

Pat Dempsey 3/10/14 1335 DATE/TIME

DATE/TIME

DATE/TIME

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 254253 Date Received 3/10/14 Number of coolers 1
Client BROADBENT Project ARCADIS 414

Date Opened 3/10/14 By (print) IR (sign) Ina Raikai
Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
   Shipping info _____
2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe) _____

☒ Bubble Wrap ☐ Foam blocks ☐ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) _____

☒ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
   If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are there any missing / extra samples? _____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
12. Are sample labels present, in good condition and complete? _____ (YES) NO
13. Do the sample labels agree with custody papers? _____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
15. Are the samples appropriately preserved? _____ YES NO (N/A)
16. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)
17. Did you document your preservative check? _____ YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? _____ (YES) NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES (NO)
   If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____

_____

_____

_____

_____

_____

Rev 10; 11/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208851		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	115	77-128

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	127	77-128

Type: BLANK Lab ID: QC731206

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	77-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC731205	Batch#:	208851
Matrix:	Water	Analyzed:	03/11/14
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	932.8	93	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	77-128

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Prepared:	03/12/14
Batch#:	208898	Analyzed:	03/13/14

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	410 Y	50
Motor Oil C24-C36	360	300
Hydraulic Fluid, C12-40	790 Y	300
Transmission Fluid: C10-C40	670 Y	300
Mineral Oil C12-C40	410 Y	300

Surrogate	%REC	Limits
o-Terphenyl	93	66-129

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	130 Y	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	310	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	92	66-129

Type: BLANK Lab ID: QC731404

Analyte	Result	RL
Jet Fuel A C10-C16	ND	50
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300
Hydraulic Fluid, C12-40	ND	300
Transmission Fluid: C10-C40	ND	300
Mineral Oil C12-C40	ND	300

Surrogate	%REC	Limits
o-Terphenyl	101	66-129

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	254253	Prep:	EPA 3520C
Client:	Arcadis	Analysis:	EPA 8015B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208898
Units:	ug/L	Prepared:	03/12/14
Diln Fac:	1.000	Analyzed:	03/13/14

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC731405

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,631	65	61-120

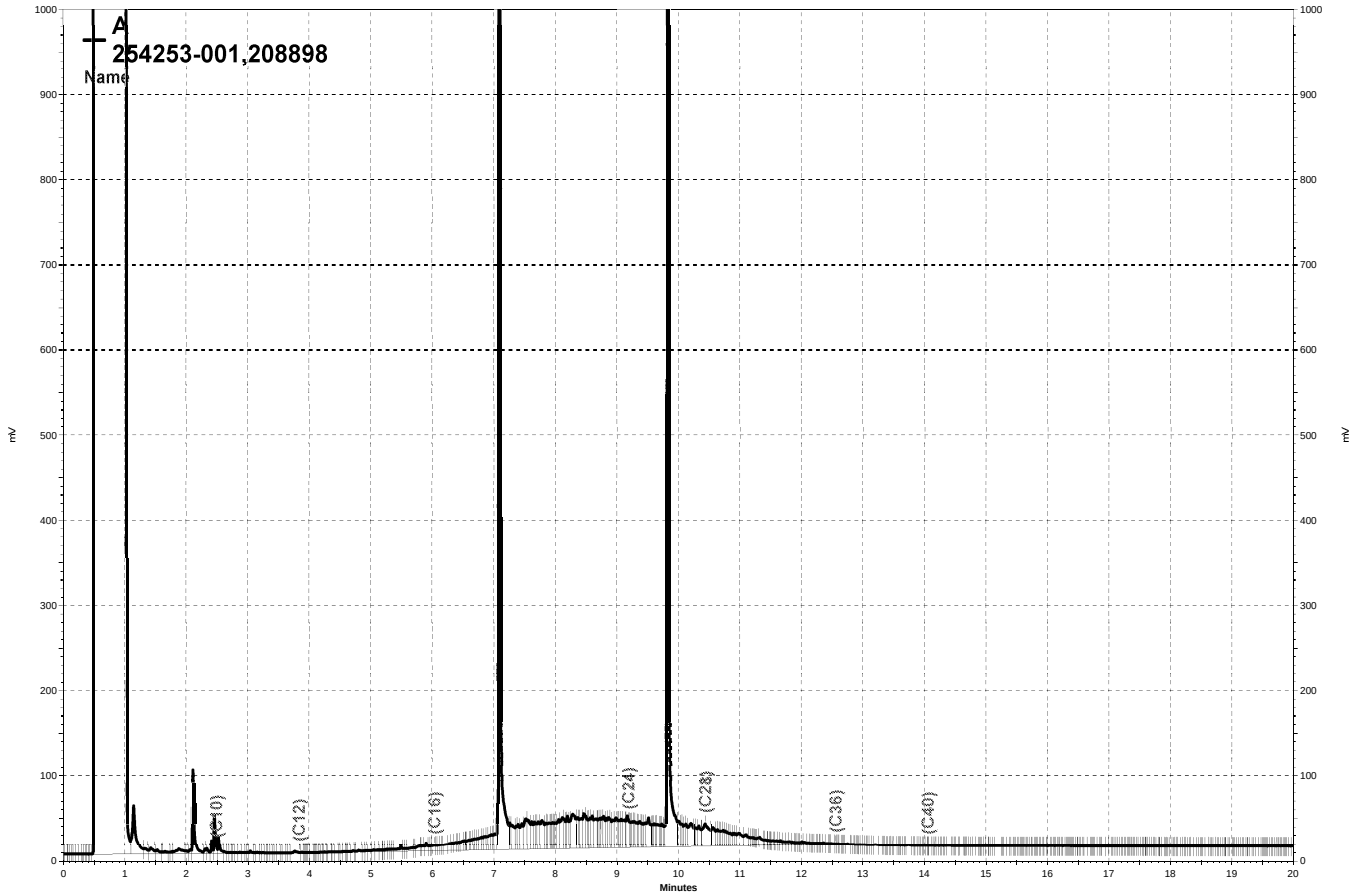
Surrogate	%REC	Limits
o-Terphenyl	98	66-129

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC731406

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	1,695	68	61-120	4	45

Surrogate	%REC	Limits
o-Terphenyl	100	66-129

RPD= Relative Percent Difference



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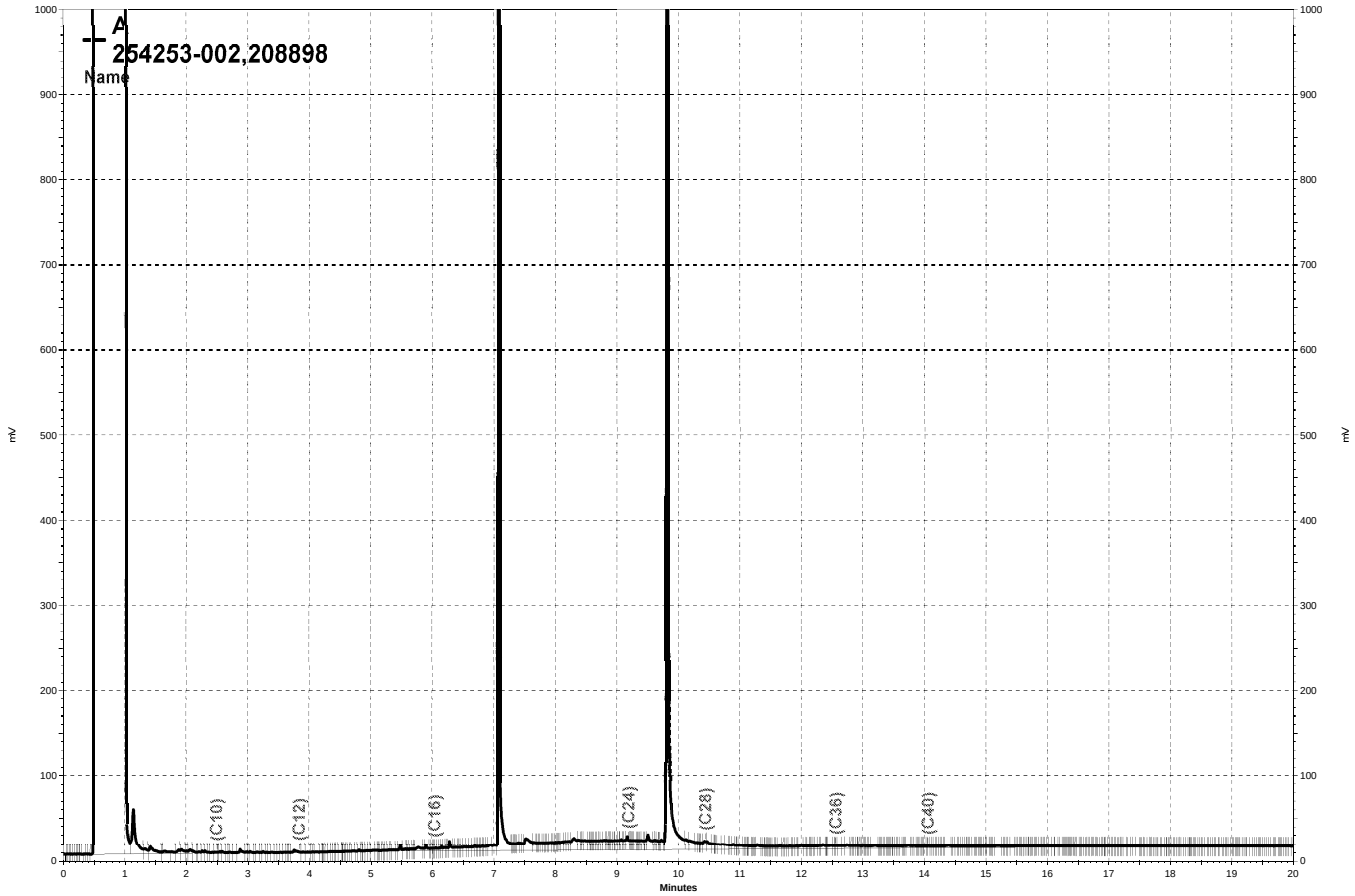

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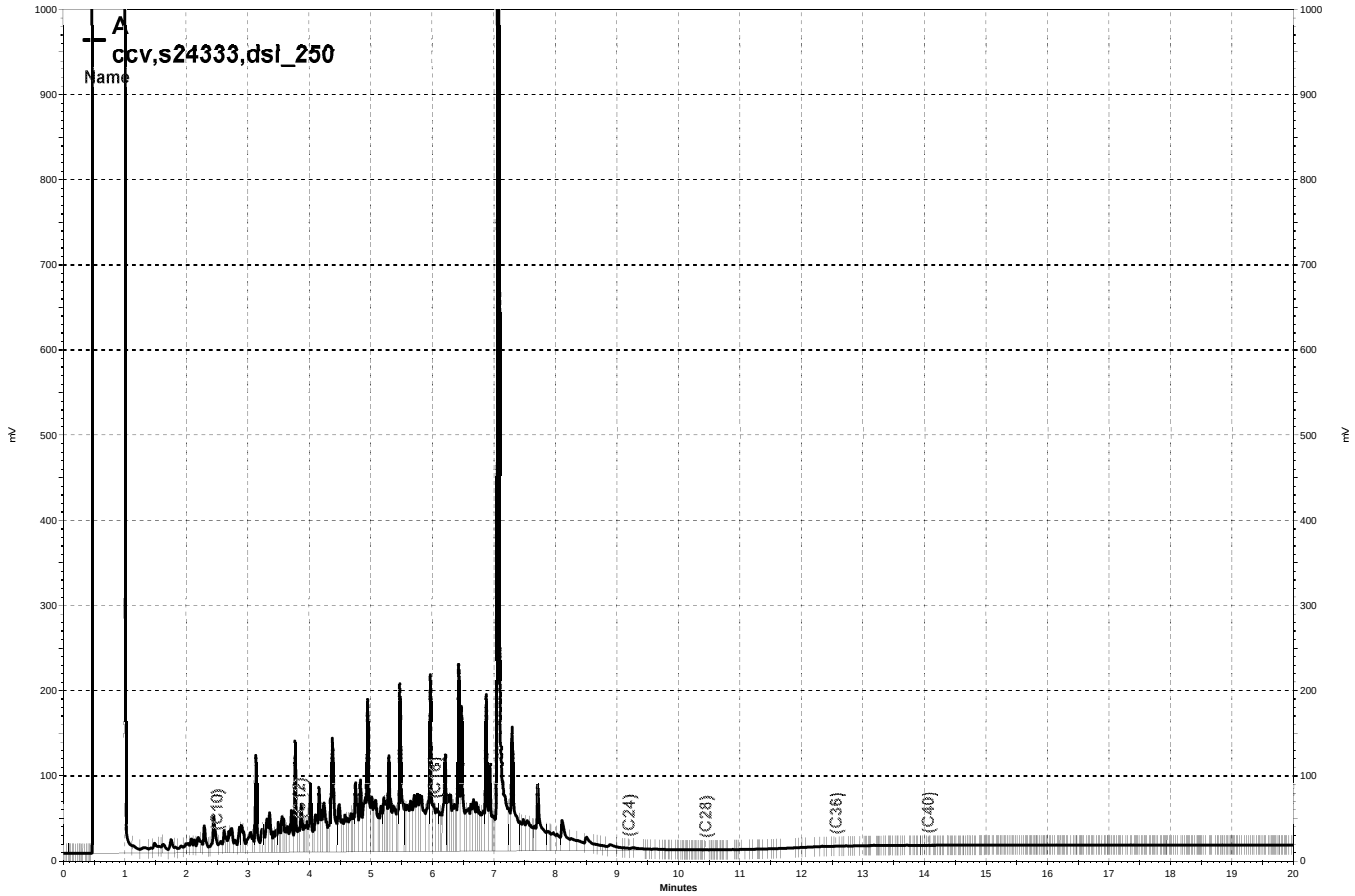

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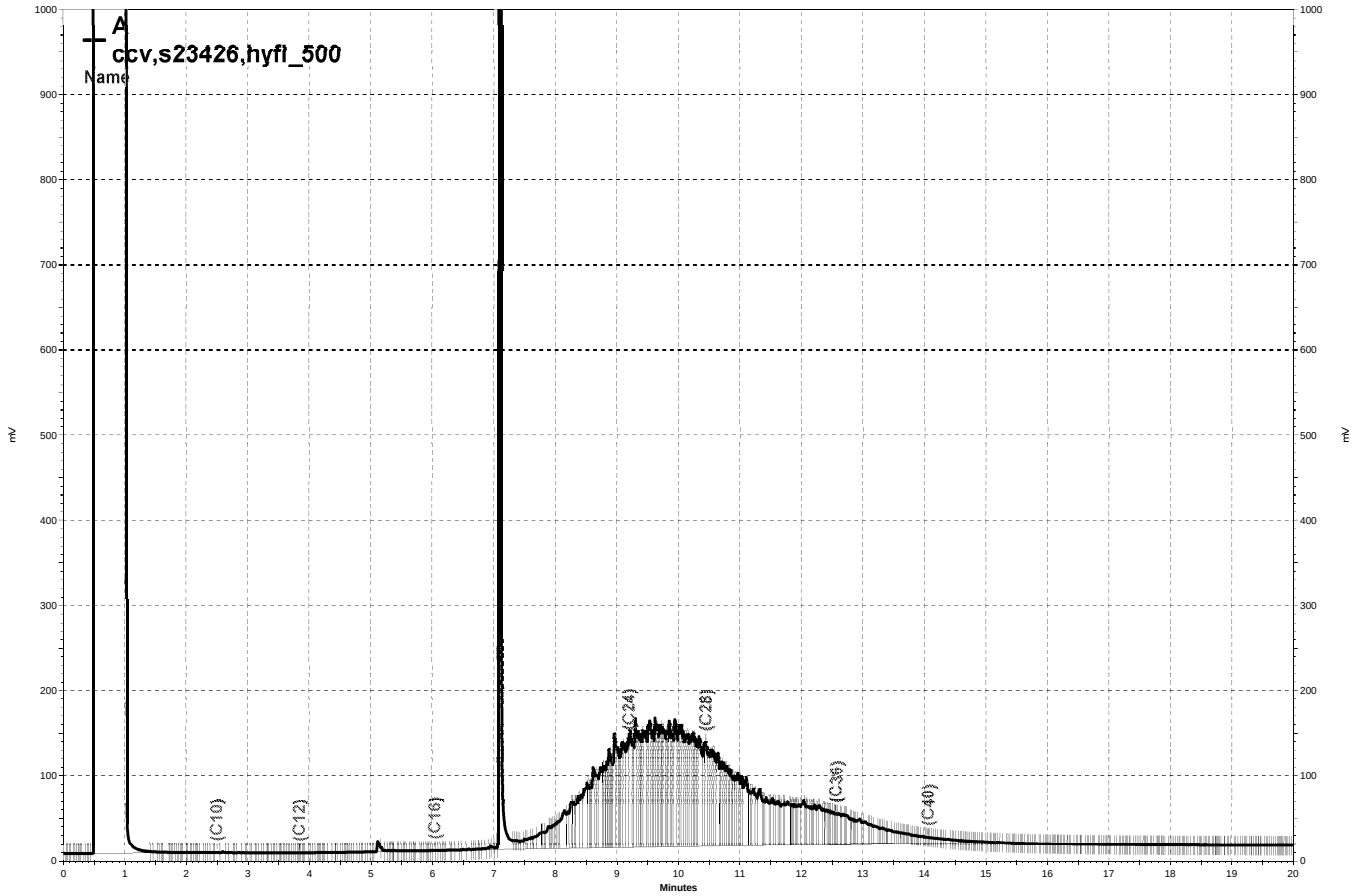

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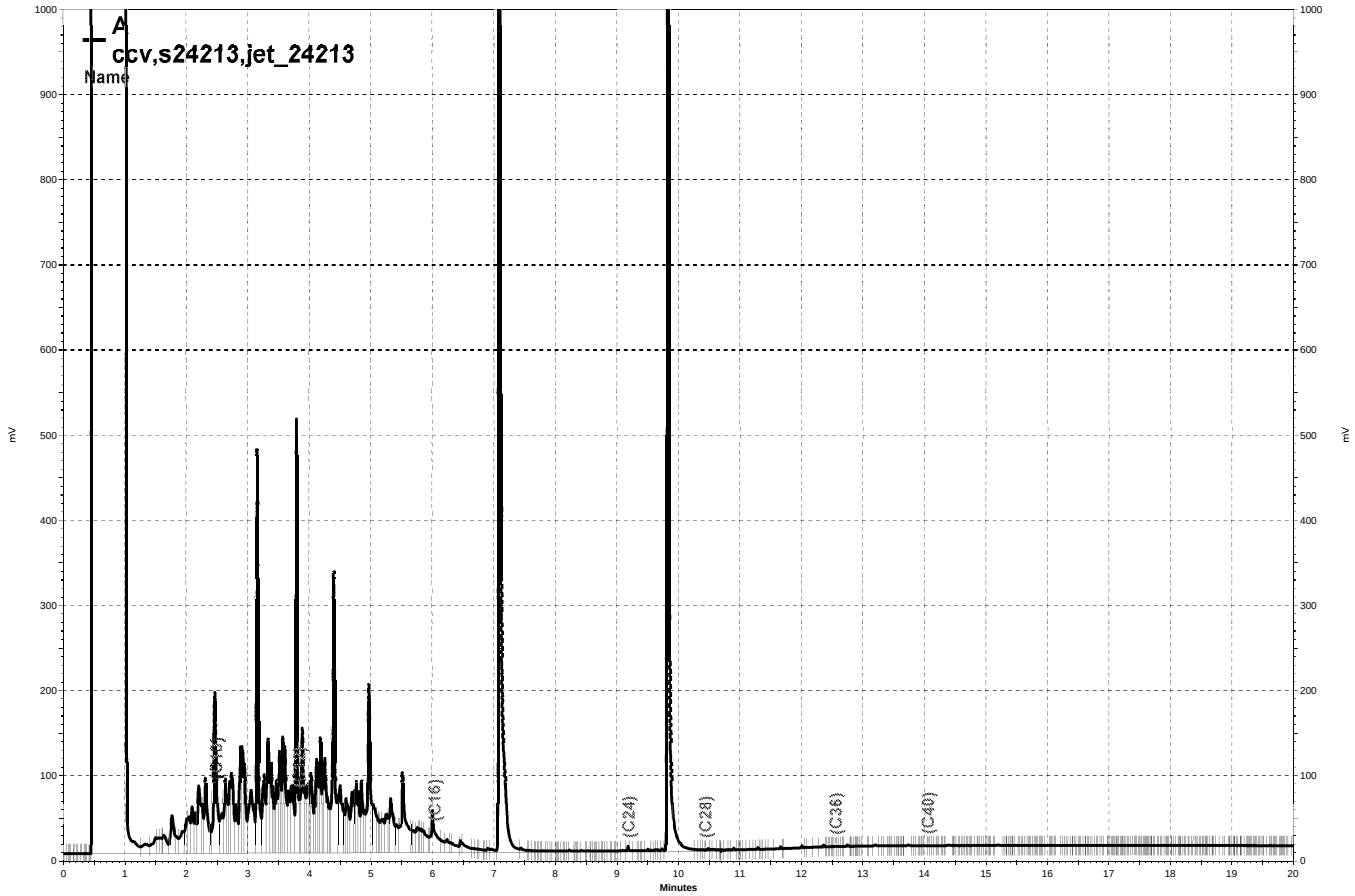

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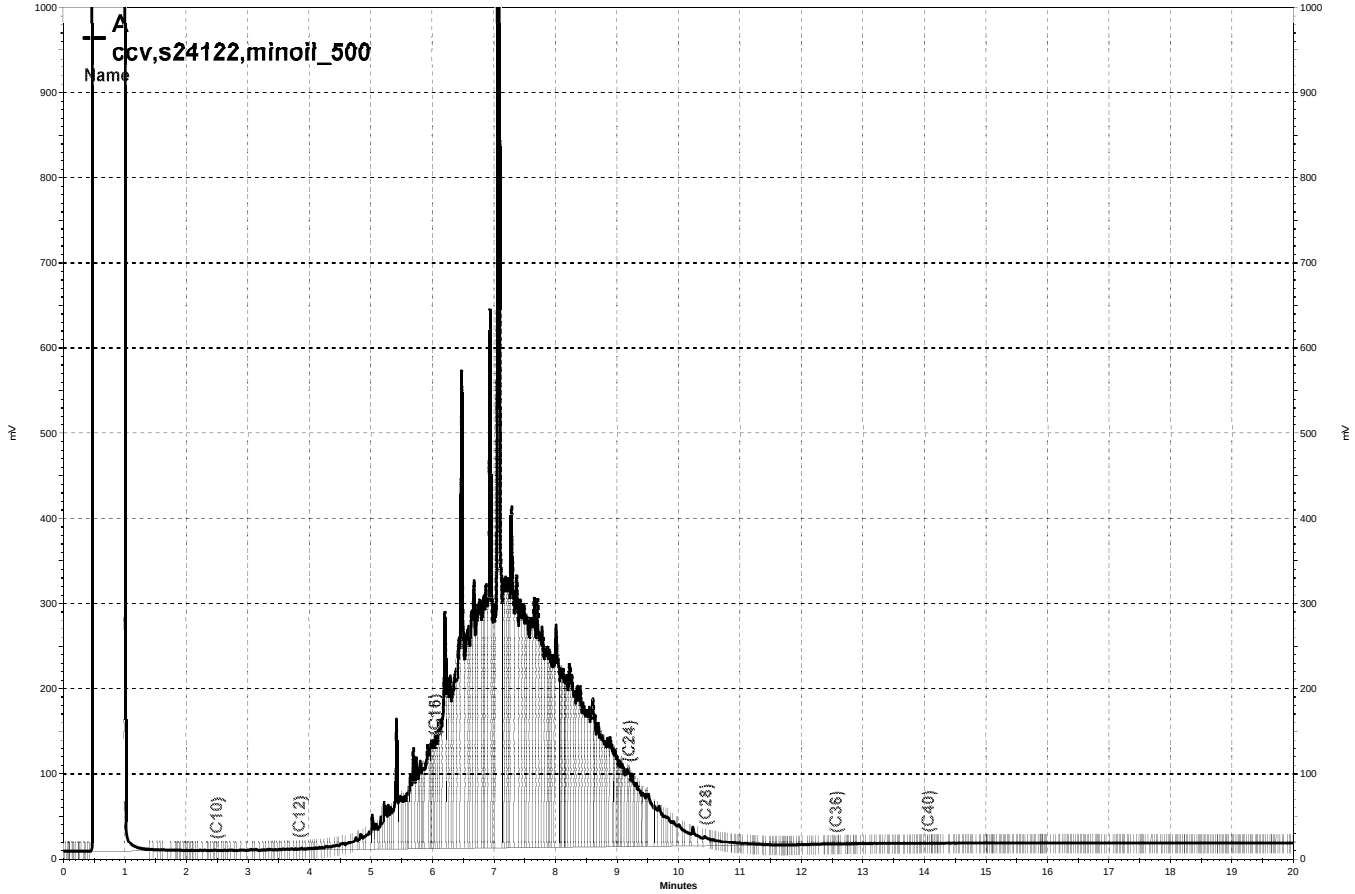

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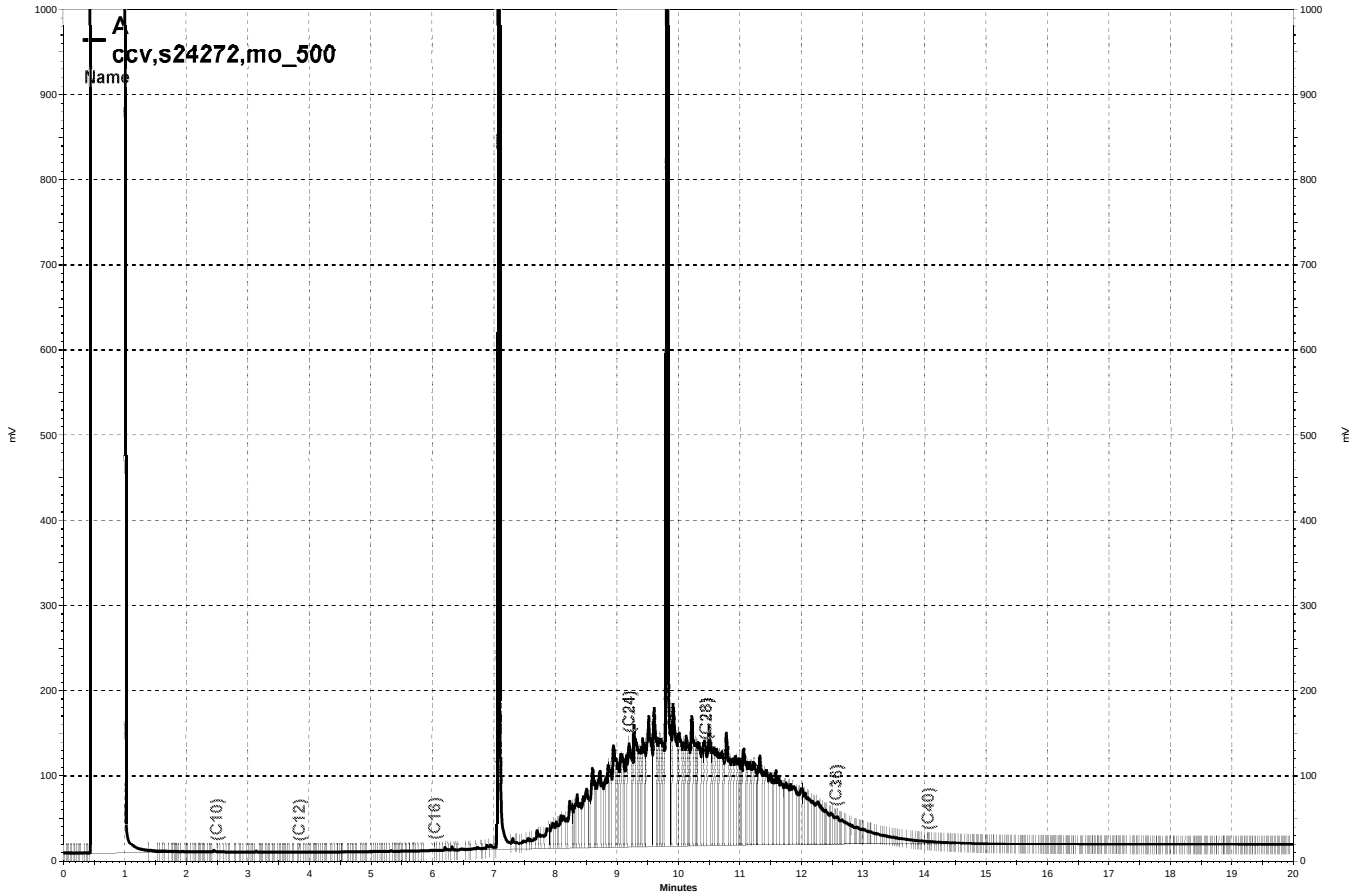

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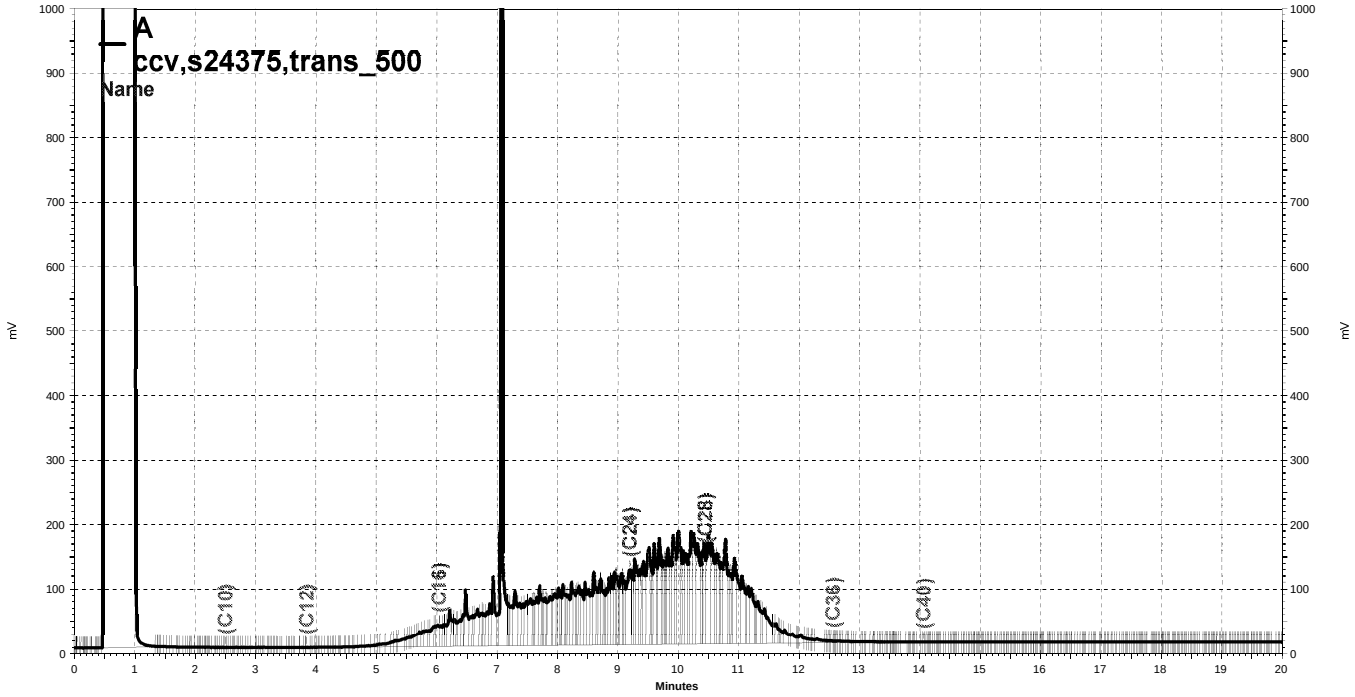

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Curtis & Tompkins, Ltd.

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Sampled:	03/10/14
Units:	ug/L	Received:	03/10/14
Diln Fac:	1.000	Analyzed:	03/11/14
Batch#:	208824		

Field ID: A-2 Lab ID: 254253-001
Type: SAMPLE

Analyte	Result	RL
MTBE	6.9	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Field ID: AR-1 Lab ID: 254253-002
Type: SAMPLE

Analyte	Result	RL
MTBE	1.6	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	77-136

Type: BLANK Lab ID: QC731100

Analyte	Result	RL
MTBE	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	77-136

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

MTBE by GC/MS

Lab #:	254253	Prep:	EPA 5030B
Client:	Arcadis	Analysis:	EPA 8260B
Project#:	ARCADIS 414		
Matrix:	Water	Batch#:	208824
Units:	ug/L	Analyzed:	03/11/14
Diln Fac:	1.000		

Type: BS Lab ID: QC731098

Analyte	Spiked	Result	%REC	Limits
MTBE	12.50	11.44	92	64-121

Surrogate	%REC	Limits
Dibromofluoromethane	106	77-136

Type: BSD Lab ID: QC731099

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	12.50	11.93	95	64-121	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	77-136

RPD= Relative Percent Difference

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

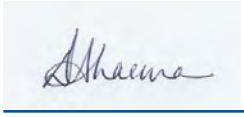
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-55527-1
Client Project/Site: BP #414, Berkeley

For:
ARCADIS U.S., Inc.
100 Montgomery Street
Suite 300
San Francisco, California 94104

Attn: Hollis Phillips



Authorized for release by:
2/19/2014 4:37:44 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
QC Sample Results 8
QC Association Summary 10
Lab Chronicle 11
Certification Summary 12
Method Summary 13
Sample Summary 14
Chain of Custody 15
Receipt Checklists 16

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55527-1

Comments
No additional comments.

Receipt
The samples were received on 2/13/2014 12:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2 — Lab Sample ID: 720-55527-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	270		53		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	330		110		ug/L	1		8015B	Total/NA
Mineral oil	350		110		ug/L	1		8015B	Total/NA

Client Sample ID: AR-1 — Lab Sample ID: 720-55527-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	86		51		ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2
Date Collected: 02/13/14 11:05
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 06:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*72 - 130*		*02/15/14 06:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 06:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**270**		53		ug/L		02/18/14 09:41	02/18/14 18:15	1
Motor Oil Range Organics [C24-C36]	**330**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1
Mineral oil	**350**		110		ug/L		02/18/14 09:41	02/18/14 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*72*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:15*	*1*

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: AR-1
Date Collected: 02/13/14 11:45
Date Received: 02/13/14 12:45

Lab Sample ID: 720-55527-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/15/14 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*02/15/14 07:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*		*02/15/14 07:24*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/15/14 07:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**86**		51		ug/L		02/18/14 09:41	02/18/14 18:39	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		02/18/14 09:41	02/18/14 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*70*		*23 - 156*	*02/18/14 09:41*	*02/18/14 18:39*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-153588/4
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C12	ND		50		ug/L			02/14/14 20:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*02/14/14 20:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*72 - 130*		*02/14/14 20:53*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/14/14 20:53*	*1*

Lab Sample ID: LCS 720-153588/7
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO) -C6-C12			500	445		ug/L		89	58 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*77*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-153588/8
Matrix: Water
Analysis Batch: 153588

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C6-C12			500	455		ug/L		91	58 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*92*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*76*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-153744/1-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 153744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/18/14 09:41	02/18/14 20:16	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1
Mineral oil	ND		99		ug/L		02/18/14 09:41	02/18/14 20:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*81*		*23 - 156*	*02/18/14 09:41*	*02/18/14 20:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-153744/2-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*77*		*23 - 156*

Lab Sample ID: LCSD 720-153744/3-A
Matrix: Water
Analysis Batch: 153726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 153744

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1390		ug/L		56	34 - 115	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*82*		*23 - 156*

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

GC/MS VOA

Analysis Batch: 153588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55527-2	AR-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153588/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153588/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-153588/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC Semi VOA

Analysis Batch: 153726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	8015B	153744
720-55527-2	AR-1	Total/NA	Water	8015B	153744
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	8015B	153744
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	153744
MB 720-153744/1-A	Method Blank	Total/NA	Water	8015B	153744

Prep Batch: 153744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55527-1	A-2	Total/NA	Water	3510C	
720-55527-2	AR-1	Total/NA	Water	3510C	
LCS 720-153744/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-153744/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-153744/1-A	Method Blank	Total/NA	Water	3510C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Client Sample ID: A-2

Lab Sample ID: 720-55527-1

Date Collected: 02/13/14 11:05

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 06:55	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:15	JL	TAL PLS

Client Sample ID: AR-1

Lab Sample ID: 720-55527-2

Date Collected: 02/13/14 11:45

Matrix: Water

Date Received: 02/13/14 12:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153588	02/15/14 07:24	LPL	TAL PLS
Total/NA	Prep	3510C			153744	02/18/14 09:41	NDU	TAL PLS
Total/NA	Analysis	8015B		1	153726	02/18/14 18:39	JL	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: BP #414, Berkeley

TestAmerica Job ID: 720-55527-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-55527-1	A-2	Water	02/13/14 11:05	02/13/14 12:45
720-55527-2	AR-1	Water	02/13/14 11:45	02/13/14 12:45

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-55527

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

151846

TestAmerica Laboratories, Inc.

2/19/2014

Client Contact	Project Manager: Kristene Tidwell	Site Contact/Sampler: Alex Martinez	Date:	COC No:
Broadbent & Associates, Inc.	Tel/Fax: 707-455-7290 / 707-455-7295	Lab Contact: Dimple Sharma	Carrier:	____ of ____ COCs
875 Cotting Lane, Suite G	Analysis Turnaround Time			Job No.
Vacaville, CA 95688	Calendar (C) or Work Days (W) ____			
Phone: 707-455-7290	TAT if different from Below STD			SDG No.
Fax: 707-455-7295	☐ 2 weeks			
Project Name: Arcadis 414	☐ 1 week			
3000 Shatuck Ave., Berkeley, CA	☐ 2 days			
P O # GP09BPNA.C012.N0000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by 8260B	DRO by 8015M	BTEX/5 Fuel Oxys by 8260B	EDB & 1,2-DCA by 8260B	Ethanol by 8260B	MTBE by 8260B	Sample Specific Notes:
A-2	2/13/2014	1105	GRAB	AQ	5		X	X					Please Finger Print
AR-1	2/13/2014	1145	GRAB	AQ	5		X	X					
TB-414-02132014	—	—	—	Aq	2								On Hold

720-55527 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* *Archive For* ____ *Months*

Special Instructions: Please finger print water sample A-2. Should you have any questions, please contact the project manager at 707-455-7290.

15°c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Alex Martinez	Broadbent & Associates	2/13/14 1245	Kristene M	TAP	2/13/14 1245
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 720-55527-1

Login Number: 55527

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Select Language

Form Center

ACWD Records Request Form

Instructions

Use this form to request water-related records pertaining to Fremont, Newark, or Union City. Please read the following instructions prior to completing the form.

1. Provide contact information and describe the records as specifically as possible. You will be contacted once the records are assembled.

2. For duplication requests, you will be notified of an estimated amount due. Copies will be made upon receipt of payment. If more than 25 copies are made, you will be charged 10 cents/page (15 cents for larger than 11x17) and 75 cents per CD. Each certification is $1. Postage will be charged if applicable. For data compilation, extraction, or programming needed to produce records, there will be a $50/hour charge for all time expended in excess of 15 minutes.

3. You will be notified within 10 days of the status of your request. You will then have 10 days to inspect the records. Requests expire 20 days from the date of request. For additional questions, please call (510) 668-4202.

Your Contact Info:

First Name*

Mike

Last Name*

Erving

Organization (if any)

Gem Group

Address1*

967 Kendall Drive, Suite A-324

City*

San Bernardino

State*

CA

Zip*

92407

Daytime Phone #*

(626) 513-5095

Fax #

Email Address

gem@mygemgroup.com

Records Request Information

We are only able to fulfill requests for water-related information pertaining to Fremont, Newark, or Union City, California.

I am interested in the following records:

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at:
3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705
(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)
Thank you for your help with this project.
(Gem Group project 14819 public records request sent 2/25/2022)

Select Language

I would like the above records...

- ○ Copied (someone will provide you with an estimated cost; payment must be received prior to copying)
- ○ In Electronic Format (someone will contact you regarding the format)
- ○ Assembled for Inspection (someone will contact you to schedule an appointment)

protected by reCAPTCHA
Privacy - Terms

☐ Receive an email copy of this form.

* indicates a required field

GEM Group

To: RB2-PRA-Request@Waterboards.ca.gov
Subject: Public records request (GEM Group project 14819)

Good evening,

In order to perform an environmental site assessment, I request all available documents such as storage tank documents, hazmat documents, permits, violations, or inspections (between January 1 1950 and today) for the property at: 3000, 3002, 3004, 3006, and 3008 Shattuck Avenue, Berkeley, CA 94705

(If useful, the parcel numbers are 53-1592-1 and 53-1592-2)

Thank you for your help with this project.

Regards,

Ben Keeney
Geologist Assistant
GEM Group, Inc.
Mobile (909) 527-0408
Fax (877) 857-2212
https://www.mygemgroup.com/
(Gem Group project 14819 public records request sent 2/25/2022)

Inspection History Report

RECORD STATUS: **Closed Complete**

Permit Number: B1997-01888

Address: **3000 SHATTUCK AVE, BERKELEY, CA 94705**

DESCRIPTION: ***REPLACE EXISTING WASTE OIL TANK WITH NEW 600 GAL. TANK***

Insp. Date	Status	Inspection Status	Comments Result	Insp. User ID
12/23/1997	Approved	BLDG - ROUGH:EXPLANATION		
12/23/1997	Approved	Electrical 2020 Underground or Under Floor		
1/13/1998	Approved	Electrical 2100 Final Inspection		
12/20/2001	Approved	Building 1200 Building Final	FINALED AT PRIOR INSPECTION	

Inspection History Report

RECORD STATUS: **Closed Complete**

Permit Number: B1997-04052

Address: **3000 SHATTUCK AVE, BERKELEY, CA 94705**

DESCRIPTION: ***REPL EXISTING ATM WITH ATM/CASH ACCEPTER & REUSE EXISTING CIRCUIT AND EXTEND CONDUIT 3FT TO PAC UNIT***

Insp. Date	Status	Inspection Status	Comments Result	Insp. User ID
3/27/1998	Approved	Electrical 2100 Final Inspection		
6/16/1998	Approved	Building 1200 Building Final		

Inspection History Report

RECORD STATUS: **Closed Complete**

Permit Number: B1998-02052

Address: **3000 SHATTUCK AVE, BERKELEY, CA 94705**

DESCRIPTION: ***REPLACE EXISTING ATM WITH NEW MODEL***

Insp. Date	Status	Inspection Status	Comments Result	Insp. User ID
6/2/1998	Approved	BLDG - ROUGH:EXPLANATION	CONCRETE AND UNDERGRD ELECT.	
6/2/1998	Approved	Electrical 2050 Electrical Rough		
6/16/1998	Approved	Electrical 2100 Final Inspection		
6/16/1998	Approved	Building 1200 Building Final		

Inspection History Report

RECORD STATUS: **Closed Complete**

Permit Number: B1998-03288

Address: **3000 SHATTUCK AVE, BERKELEY, CA 94705**

DESCRIPTION: ***INSTALLATION OF SPILL CONTAINMENT OVERFILL PROTECTION, BOTTOM PROTECTORS POSITIVE SHUTDOWN***

Insp. Date	Status	Inspection Status	Comments Result	Insp. User ID
12/13/2000	Approved	Building 1200 Building Final		
12/13/2000	Approved	Electrical 2100 Final Inspection		

Inspection History Report

RECORD STATUS: **Closed Complete**

Permit Number: B2000-01486

Address: **3000 SHATTUCK AVE, BERKELEY, CA 94705**

DESCRIPTION: ***REPLACING ENTIRE PETROLEUM SYSTEM WITH INSTALLATION OF 2 STORAGE TANKS 1 12,000 AND 1 20,000 GAL TANK 8/3/00 - ELEC - REWIRE FOR NEW ELECTRI- CAL***

Insp. Date	Status	Inspection Status	Comments Result	Insp. User ID
8/22/2000	Cancelled	Electrical 2050 Electrical Rough		
9/11/2000	Approved	Electrical 2020 Underground or Under Floor		
9/19/2000	Approved	Electrical 2050 Electrical Rough		
10/6/2000	Approved	1025 Forms and Steel and Rebar	ELECT. STUFFING ON ELECTRICAL FITTINGS IN HAZARDOUS AREAS	
11/14/2000	Disapproved	Building 2025 Service Upgrade/Restoration	REMOVE CABINET IN FRONT OF PANEL	
11/17/2000	Approved	Building 2025 Service Upgrade/Restoration	SET METER	
12/7/2000	Approved	Electrical 2100 Final Inspection		
12/13/2000	Approved	Building 1200 Building Final		

Inspection History Report

RECORD STATUS: **Closed Complete**

Permit Number: B2000-01485

Address: **3000 SHATTUCK AVE, BERKELEY, CA 94705**

DESCRIPTION: ***REMOVAL OF THREE UNDERGROUND TANKS***

Insp. Date	Status	Inspection Status	Comments Result	Insp. User ID
12/13/2000	Approved	Building 1200 Building Final		

Inspection History Report

RECORD STATUS: **Closed Complete**

Permit Number: B2009-00837

Address: **3000 SHATTUCK AVE, BERKELEY, CA 94705**

DESCRIPTION: ***Fire damage repairs at fuel station minimart***

Insp. Date	Status	Inspection Status	Comments Result	Insp. User ID
6/15/2009	Disapproved	Building 1150 Framing	obtain P,E,M permits. Obtain revision for ceiling connection of shearwall.	
6/24/2009	Disapproved	Building 1150 Framing	WASHERS AND NUTS NOT INSTALLED ON AB'S. PROVIDE ACCESS TO BLOCKS	
6/24/2009	Approved	Electrical 2050 Electrical Rough		
6/24/2009	Approved	Plumbing 4020 Plumbing Rough		
7/14/2009	Cancelled	Building 1090 Shear Wall Interior		
7/14/2009	Cancelled	Building 1150 Framing		
7/15/2009	Disapproved	Building 1090 Shear Wall Interior	BLOCKING ON ROOF APP, OK TO COVER. FRAMING DA - NEED ADNL AB'S IN WALL, NEED SHIMMING TO CLOSE SPACE BTW TOP PLATE & ROOF. 2.RENAIL SHEAR WHERE SCREWS WERE USED 3.	
7/15/2009	Disapproved	Building 1150 Framing	BLOCKING ON ROOF APP, OK TO COVER. FRAMING DA - NEED ADNL AB'S IN WALL, NEED SHIMMING TO CLOSE SPACE BTW TOP PLATE & ROOF. 2.RENAIL SHEAR WHERE SCREWS WERE USED 3.	
7/17/2009	Approved	Building 1090 Shear Wall Interior	AND FRAME AT SW.	
7/21/2009	Approved	Building 1180 Drywall		
7/21/2009	Approved	Building 2025 Service Upgrade/Restoration	RELEASED 175A.	
7/27/2009	Disapproved	Building 1150 Framing	DOOR IN 1 HOUR WALL BETWEEN GARAGE BAY AND RETAIL OFFICE NOT IN PLANS, COVER OPENING WITH SIMILAR MATERIALS AS REST OF WALL.	
7/27/2009	Approved	Building 4055 Plumbing T-Bar		
8/31/2009	Cancelled	Building 1200 Building Final		

Inspection History Report

8/31/2009	Cancelled	Electrical 2100 Final Inspection	
8/31/2009	Cancelled	Plumbing 4100 Plumbing Final Inspection	
9/4/2009	Approved with Conditions	Building 1200 Building Final	1. MAX. 5LBS FORCE TO OPEN ACCESSIBLE BATH DOOR. 2. PROVIDE KNEE AND TOE SPACE AT PASS THROUGH OPENING.
9/4/2009	Approved with Conditions	Electrical 2100 Final Inspection	1. MAX. 5LBS FORCE TO OPEN ACCESSIBLE BATH DOOR. 2. PROVIDE KNEE AND TOE SPACE AT PASS THROUGH OPENING.
9/4/2009	Approved with Conditions	Plumbing 4100 Plumbing Final Inspection	1. MAX. 5LBS FORCE TO OPEN ACCESSIBLE BATH DOOR. 2. PROVIDE KNEE AND TOE SPACE AT PASS THROUGH OPENING.
9/9/2009	Approved	Building 1200 Building Final	
9/9/2009	Approved	Electrical 2100 Final Inspection	
9/9/2009	Approved	Plumbing 4100 Plumbing Final Inspection	
1/14/2011	Approved	Building 3100 Mechanical Final	

1592-001-000
Parcel Number

BERKELEY FIRE DEPARTMENT
FIRE PREVENTION INSPECTION
OCCUPANCY FILE FORM

☐ A ☐ B ☐ E ☐ H
☐ I ☐ M ☐ R1 ☐ R3
OCCUPANCY GROUP

3000 Shattuck Ave.
Occupancy Address

Arco Service Station
Business Name

[redacted]
Property Owner

Property Owner's Address

Telephone

Business Owner or Manager/Agent

Arco [redacted]

Telephone

CONDITIONS AND REMARKS	DATE	TIME IN / TIME OUT	STATUS	INSPECTOR
Issued UG tank removal permit (1) 550 gal & UG tank installation permit (1) 550 gal Per [redacted] of Robert Lee & Assoc.; contract for above tank was cancelled due to financial constraints	6-7-91		C	Shoy
	9-30-92		OK	Shoy

FIRE PROTECTION SYSTEM/S (ALL OCCUPANCIES)

Wet Standpipe ☐
Dry Standpipe ☐
Automatic Sprinklers ☐

Range Hood System ☐
Halon/Other System ☐
Fire Alarm System ☐

Number of Stories
RESIDENTIAL OCCUPANCIES (R1's) ONLY
Number of Units

FP 278-83

BERKELEY FIRE DEPARTMENT

DIVISION OF FIRE PREVENTION

Book Block Parcel

3000 Shattuck Ave — Location of Premises

Gas Station - ARCO — Type of Occupancy

[redacted] — Owner

Address

Phone

Tenant or Agent

Address

Phone

CONDITIONS AND REMARKS	Date	Status	Inspector
R.S.J. 1) Have extinguishers recharged.			
2) Maintain 3 ft clearance around elec.			
panels. Do not hang hoses or			
other materials on electrical panel 15 days	9-3-70	C	R Jones
10-9-70 Recheck	10-28-70	OK	R Jones
Issued permit for Vapor Recovery			
system Phase II	10-24-74	C	[illegible]
Vapor Test	11-11-74	OK	R Steele
Request for permit Remove			
3-4m tanks Install 3-12m tanks	11/18/82	C	Vorsey
Plans approved	11/18/82	C	Vorsey
Checked smell of gasoline in test			
wells, not as heavy as 12/3/82.			
Inspected product piping & tanks (15 & 5 respectively)			
will return 12-7-82 TO recheck connection			
that leaked on fill pipe to back-tank			
& swing joint that needed to be installed.			
New tank #'s 115159, 115160, 115161	12/6/82	C	Vorsey
Checked new fill pipe & vapor line (5th) passed	12/7/82	C	Vorsey
Final inspection on product & vapor pipe-OK	12/8/82	OK	Vorsey
Citizen Complaint; NVN	OK 2-9-89	OK	Drury
Issued permit to test 4 UG			
Tanks.	10-25-89	C	Gallo Final

282-889

BERKELEY FIRE DEPARTMENT

DIVISION OF FIRE PREVENTION

100-334

Location of premises: San Pablo Avenue

Type of Occupancy: Richfield Service Station

Owner or Agent: [redacted] Address:

CAUSE FOR INSPECTION	Date Inspected	Status	Inspector
7-7-58 Recheck - Should be ready to open about 2 weeks	7-15-58	C	[illegible]
7-30-58 Recheck - Stop motor No smoking signs and ashtray for pump island have been ordered	8/6/58	C	[illegible]
8-21-58 Recheck Extinguishers (carb-tet) provided - left literature on dangers of CCl_4 - Signs are on order	9-10-58	C	[illegible]
9-25-58 Recheck	11/[illegible]/58	OK	[illegible]
Left Flammable Liquids Regulations with Mr. Rogers	12/23/63	OK	Byers
Company left self inspection pre-holiday form	12/3/64	OK	Kearney
Routine Send Tag "Provide 2½ pound or larger dry powder extinguisher or equivalent to be mounted in conspicuous and accessible location - Station shall be equipped with at least 2 fire extinguisher - 4 BC rating	12/22/64	C	Byers
Recheck Send Second Notice	2/3/65	C	Byers
2-25-65 Recheck	4/9/65	OK	Byers
Routine See Tag - Recheck 15 days	2-28-68	C	Morris
3-15-68 Rechecked OK	3-21-68	OK	Morris
Routine	1-19-70	OK	Salter
Check of underground operations for new gas dispensing tanks to be	9-17-70	OK	[illegible]

282-689

to read

Protected Area

BERKELEY FIRE DEPARTMENT

DIVISION OF FIRE PREVENTION

~~100~~ - 334

Location of premises: 3200 - Shattuck Ave.

Type of Occupancy: Richfield Service Station -

Owner or Agent: _____ Address: _____

CAUSE FOR INSPECTION	Date Inspected	Status	Inspector
1/2/58 Station being demolished - Richfield station to be erected - Tanks to be removed if not used. Permit required	✓ 1/2/58	C	
1-17-58 Recheck - Still same - Routine Recheck 90 days	✓ 2/24/58	OK	
5/25/58 Routine - Demolition started - Blair Excavators told to get permit to remove tanks - New Richfield Station to be erected - Tank permit required for new tanks -	✓ 5/1/58	C	
5-16-58 Recheck - Waste oil tank removed - Other tanks to be pulled 5/5/58	✓ 5/2/58	C	
5-5-58 - All tanks removed - new tanks to be installed	✓ 5/5/58	C	
5-6-58 Request for inspection at 1:00 or 3:00 5/6 Tanks in ground - back filling approved up to top of tank.	✓ 5/7/58	C	
5-22-58 Tanks and piping approved for back fill.	✓ 5/22/58	C	
6-6-58 Recheck - Station should be complete in about 3 weeks - Recheck then	✓ 6/9/58	C	
6-30-58 Recheck - Tanks and piping OK Recheck on fire extinguishers and "Stop Motor - No Smoking" signs	6/26/58	C	

282-689

FIRE DEPARTMENT

CITY OF BERKELEY

PERMIT

Date: 6-7-91

Division of Fire Prevention
City Hall, Berkeley, CA 94704
644-6158 or 644-6189

Permit No. 6304

Permit Fee Amt. $ 31.00

9-3-91 ~~6-7-91~~ Address: 3000 Shattuck

Name of concern: Atlantic Richfield Co. Phone

This permit is issued in accordance with City of Berkeley Ordinance No. 5474 NS., known as the "Berkeley Fire Code". The applicant and his or her agents and employees shall carry out activities allowed by this permit in compliance with all the requirements of the Berkeley Fire Code and any other applicable laws and regulations, whether or not specified herein, and in complete accordance with the approved plans and specifications submitted precedent to application for this permit. At all times this permit shall be kept on premises and made available to officers and inspectors of the City of Berkeley upon demand. During the term of this permit, the premises shall be subject to inspection by officers of the Berkeley Fire Department or representatives thereof; periodic inspections are a condition of this permit.

Permission is hereby granted Robert Lee & Assoc.

Address 1137 No. McDowell Blvd. Petaluma, Ca. 94954 Phone (707) 765-1660

TO: _____ Maintain _____ Store _____ Use or handle _____ Conduct Processes X Install _____ Remove

Type of permit Underground tank installation (1) 550 gal

Additional Requirements 24 hrs notice for testing of equipment

I hereby acknowledge that I have read the conditions of this permit; that the information provided in application for this permit is correct; and that I am the owner, or the duly authorized agent of the owner, of the premises.

Signature of owner, contractor or agent

9/3/91
Date

Approved Subject to Field Inspection

D. Brouse, Insp.
Signature and Title of Issuing Authority

This permit does not take the place of any license required by law and is not transferable. Any change in use, occupancy operation or ownership shall require a new permit.

FIRE DEPARTMENT

CITY OF BERKELEY

Date: 6-7-91

PERMIT

PAID 9/3/91 GK

Division of Fire Prevention
City Hall, Berkeley, CA 94704
644-6158 or 644-6189

Permit No. 63053

Permit Fee Amt. $ 31.00

Address: 3000 Shattuck

Name of concern: Atlantic Richfield Co. Phone

This permit is issued in accordance with City of Berkeley Ordinance No. 5474 NS., known as the "Berkeley Fire Code". The applicant and his or her agents and employees shall carry out activities allowed by this permit in compliance with all the requirements of the Berkeley Fire Code and any other applicable laws and regulations, whether or not specified herein, and in complete accordance with the approved plans and specifications submitted precedent to application for this permit. At all times this permit shall be kept on premises and made available to officers and inspectors of the City of Berkeley upon demand. During the term of this permit, the premises shall be subject to inspection by officers of the Berkeley Fire Department or representatives thereof; periodic inspections are a condition of this permit.

Permission is hereby granted Robert Lee & Assoc.

Address 1137 No. McDowell Blvd. Petaluma, Ca. 94954 Phone (707) 765-1660

TO: _____ Maintain _____ Store _____ Use or handle _____ Conduct Processes _____ Install X Remove

Type of permit Underground tank removal permit (1) 550 gallon

Additional Requirements Compliance with permit attachment. 24 hrs. notice for witnessing removal

I hereby acknowledge that I have read the conditions of this permit; that the information provided in application for this permit is correct; and that I am the owner, or the duly authorized agent of the owner, of the premises.

Signature of owner, contractor or agent

9/3/91
Date

Approved Subject to Field Inspection

Signature and Title of Issuing Authority

This permit does not take the place of any license required by law and is not transferable. Any change in use, occupancy operation or ownership shall require a new permit.

FIRE DEPARTMENT

CITY OF BERKELEY

Division of Fire Prevention
City Hall, Berkeley, CA 94704
644-6158 or 644-6189

PERMIT
PAID
10-25-89

Date: 10-25-89

Permit No. 5728

Permit Fee Amt. $31.00

Address: 3000 Shattuck Ave

Name of concern: Arco Station Phone 841-3414

This permit is issued in accordance with City of Berkeley Ordinance No. _____ N.S., known as the "Berkeley Fire Code". The applicant and his or her agents and employees shall carry out activities allowed by this permit in compliance with all the requirements of the Berkeley Fire Code and any other applicable laws and regulations, whether or not specified herein, and in complete accordance with the approved plans and specifications submitted precedent to application for this permit. At all times this permit shall be kept on premises and made available to officers and inspectors of the City of Berkeley upon demand. During the term of this permit, the premises shall be subject to inspection by officers of the Berkeley Fire Department or representatives thereof; periodic inspections are a condition of this permit.

Permission is hereby granted Hunter Environmental Services

Address 597 Center Ave. Martinez 94553 Phone 800-321-3657

TO: _____ Maintain _____ Store _____ Use or handle _____ Conduct Processes & _____ Install _____ Remove

Type of permit Precision UG Tank Testing 4 Tanks

Additional Requirements Test per NFPA 329 Send Test results to the Fire prevention office for inclusion in the property file

I hereby acknowledge that I have read the conditions of this permit; that the information provided in application for this permit is correct; and that I am the owner, or the duly authorized agent of the owner, of the premises.

Eric C Rice
Signature of owner, contractor or agent

10-25-89
Date

Approved Subject to Field Inspection

Signature and Title of Issuing Authority

This permit does not take the place of any license required by law and is not transferable. Any change in use, occupancy operation or ownership shall require a new permit.

FIRE DEPARTMENT

CITY OF BERKELEY

PERMIT

Date: November 19, 1982

Permit No. 1557

Permit Fee Amt. $ 453.00

Division of Fire Prevention
City Hall, Berkeley, CA 94704
644-6158 or 644-6189

Address: Ashby and Shattuck

Name of concern: ARCO (ATLANTIC-RICHFIELD) Phone (707) 545-2260

This permit is issued in accordance with City of Berkeley Ordinance No. 5474 N.S., known as the "Berkeley Fire Code". The applicant and his or her agents and employees shall carry out activities allowed by this permit in compliance with all the requirements of the Berkeley Fire Code and any other applicable laws and regulations, whether or not specified herein, and in complete accordance with the approved plans and specifications submitted precedent to application for this permit. At all times this permit shall be kept on premises and made available to officers and inspectors of the City of Berkeley upon demand. During the term of this permit, the premises shall be subject to inspection by officers of the Berkeley Fire Department or representatives thereof; periodic inspections are a condition of this permit.

Permission is hereby granted Petroleum Engineering, Inc.

Address 205 Fifth Street, Santa Rosa, CA Phone

TO: _____ Maintain _____ Store _____ Use or handle _____ Conduct Processes X Install X Remove

Type of permit Remove three 4,000 gallon tanks. To install three 12,000 gallon Fiberglass tanks

Additional Requirements 24 hours advance notice required to witness the required tests.

I hereby acknowledge that I have read the conditions of this permit; that the information provided in application for this permit is correct; and that I am the owner, or the duly authorized agent of the owner, of the premises.

Signature of owner, contractor or agent

Date

Approved Subject to Field Inspection

Signature and Title of Issuing Authority

This permit does not take the place of any license required by law and is not transferable. Any change in use, occupancy operation or ownership shall require a new permit.

ARCO #414
ASHBY & SHATTUCK
BERKELEY, CALIF.
START DATE: NOV. 29th

Section 15B
Gasoline Tanks and Piping

1. Scope

(a) Owner will furnish tanks, pumps, dispensers, and any other related items as marked on the drawings "furnished by owner." The Contractor shall furnish the piping and any other items not indicated on the drawings as being furnished by owner but necessary for a complete and fully operational gasoline dispensing system.

(b) Permits for the Gasoline Tanks and Dispensing Units will be obtained by Owner; Contractor shall obtain and pay for all other permits, licenses, etc. including testing and sealing of dispensers when requested by local authorities.

(c) All underground or other concealed work shall be inspected and approved by Owner's Representative before covering over.

2. Tankage

(a) Tanks furnished will be either steel or fiberglass as specified on the General Plan. Applicable portions of the following specifications must be used together with strict adherence to manufacturers instructions in setting, testing and back filling of fiberglass tanks. For steel tanks, all portions of the following specifications pertain unless specifically noted "for fiberglass tanks only."

(b) Testing Storage Tanks: Before Tanks are placed in position, they shall be put under a 5 lb. air pressure test, if possible, in the presence of Owner's Representative, each joint and the entire tank being carefully tested with soap and water; if any leaks appear await his instruction. Remove all metal hole covers and replace with pipe plugs before applying pressure. Reused and relocated tankage shall be cleaned and tested with five (5) pounds of air pressure. If found leaky, notify Owner immediately.

(c) Painting of Steel Storage Tanks: After Tanks have been tested all bare spots, scratches, etc. on same shall be thoroughly touched up with bitumastic paint or petrolastic asphalt prior to setting and backfilling.

(d) Unusual Subsurface Conditions and Anchorage: If unusual subsurface ground water conditions are encountered which might necessitate anchoring of tankage, Contractor shall immediately contact Owner's representative for instructions and shall perform no further work relative to setting of tanks until instructed by Owner's representative as to method of anchorage to be followed. Agreement on amount of extra work involved in anchoring and cost thereof shall be determined and made of record before proceeding with work.

When Owner cannot arrange for gasoline to ballast tanks and water is needed until backfilling is completed, water shall be furnished by Contractor and shall be removed as completely as possible from tanks after backfilling or as soon as Owner's representative is assured that danger of flotation is over. When water is used in tanks, submerged turbine pumps shall not be installed until all water is exhausted. Gasoline pumps shall not be used for discharging water ballast.

(e) Rock Excavation: Rock excavation shall include all rock in its natural formation which cannot be removed by an ordinary excavating machine. If such rock is encountered and before removing such rock, Contractor shall notify Owner's Representative who will determine the quantity to be removed. No payment will be made for this item unless it is approved by the Representative and a properly executed written order issued. If blasting is necessary, Contractor shall obtain approval of Owner's Representative and shall obtain the necessary permits.

3. Steel Tank Installation:

(a) Excavation: Excavation to depth so tanks will have minimum 3'-0" cover, except where noted otherwise on drawings. Set tanks on 8" minimum thickness sand or gravel bed cushion. Tanks are preferred to be set dead level but it is permitted to slope tank bottom so there will be a slope of not more than 1" downward toward fill pipe end. Lower tanks carefully with openings vertical and centered. Tank openings shall remain closed until pipe connections are made. Unused tank openings to be permanently plugged. Minimum spacing between tanks is 2'-0".

(b) Backfilling and Grading: Backfill under, between, beside and over storage tanks with a selected, well-graded, durable, granular material uniformly blended with a filler material and compacted to a maximum density. The granular material shall be a natural gravel or crushed stone not exceeding 2" in diameter. The filler material shall be sand, stone dust or soil. Fill shall be free of shale, cinders, organic material, unweathered mica soil, excessive amounts of clay or any acid forming material. Pit-run or run-of-bank material may be used with the permission of the Owner's Representative.

Water shall be used only as necessary to produce the maximum density. It shall not be used as a lubricant for placing the fill. Puddling of the fill shall not be permitted.

Place fill and compact in 12" layers without damage to tank, pump or piping. Compaction shall be obained by mechanical tampers.

Contractor shall be liable for any and all undue settlement and shall repair at his expense any damage resulting therefrom for a period of one (1) year after acceptance of the work. Undue settlement shall be any settlement in excess of one (1") inch.

4. Fiberglass Tanks Installation

Fiberglass tanks are to be installed in accordance with the manufacturer's instructions and these drawings and specifications. The manufacturer's representative is to be called in for each installation unless contractor is advised otherwise. Contractor is completely responsible for the installation and he is to be aware of those job conditions which could have an adverse effect and/or require that he advise owner's engineer for instructions before proceeding. The contractor is cautioned that this specification and the drawings are for guidance details, and that the manufacturer's recommendations which accompany each tank take precedence, and must be followed if they differ.

a) Handling -The tank is not to be rolled or dropped. It is to be handled using lifting lugs and guys and positioned gently. If left above grade, it is to be chocked with old tires and tied down with ropes to prevent rolling from wind.

b) Testing - Test per specifications at 5 PSI, soaping all joints, plugs, etc. Be sure that the gauge used is calibrated for no more than 30 PSI. Gauges for higher pressures may be extremely inaccurate at the low end and allow dangerous overpressure.

c) Bedding Material and Backfill - Naturally rounded stone, clean and free flowing, not less than 1/8" and no more than 3/4", is the preferred material. As an alternate, washed crushed stone, free flowing and meeting ASTM C-33 Paragraph 9.1 for quality and soundness, with angular particle size of not less than 1/8" or more than 1/2" in diameter may be substituted. If either of these materials is not available, contact the manufacturer for his recommendations. Do not allow backfill to be mixed with other material at the site. During cold weather, backfill must be dry and free of ice (ice would be a "false" backfill which would later collapse).

d) Excavation - In good soil the hole must be large enough to provide 12" below bottom of tanks, 2' between tanks and 2' between the tank and the side of hole. When extremely poor soils, or soils which become free flowing when saturated (quicksand) are encountered, the dimension between the tank and the side of the hole must be increased to 4'. It may also be necessary to line the hole with a blanket of filter fabric such as Du Pont "Typar." When such a condition is suspected, call upon the manufacturer's representative and owner's engineer before proceeding.

e) Placing and Backfill - Place the tank(s) on at least 12" of approved bedding material. Do not place on screeds, timbers, cradles or the like. Level the tank in both directions, with the fill end no more than 1" below the high end, and under no circumstances is the fill end to be higher than the other end. Start placing the backfill and manually force the first two feet of material under the tank all around both sides and ends to provide uniform support,

using a short 2 x 4 or appropriate blunt tool. This is critical to the satisfactory performance of the tank. Complete backfill to the top of the tank, placing the material uniformly around it as it (the material) rises in the excavation. Place barricades and earth around the excavation to prevent accidents and to prevent surface run off from entering the excavation.

f) Piping and Testing - Make piping connections to tank (complete if possible, or plug other openings if piping cannot be completed) in accordance with the drawings. Test the tank and vent under 5 PSI soaping all joints, including those around fittings in the tank. Test with nitrogen if the tank contains any product.

g) Backfill & Slab at Grade - Install a Polyethylene or "Typar" barrier over the entire excavation at an elevation just above swing joints and backfill over this to subgrade with clean sand compacted at optimum moisture content (minimum depth of 18"). Install the 6" concrete slab at grade, per drawings.

h) Paving & Clean up - Precautions to keep surface water from entering the fresh backfill should be maintained until just before paving or final grading.

5. Wet Hole Installation-Fiberglass Tanks

When water is encountered, fiberglass tanks must be anchored, and special holddown straps are required. they must be ordered by telephone immediately. Notify owners engineer before proceeding.

a) When the hole can be dewtered, keep pumping while placing the 12" bed of setting stone which should then be dry enough to walk on.

b) Place concrete deadman anchors in accordance with the drawings, cast in place.

c) Place the tanks, fasten the anchor straps on the designated ribs and tie them to the deadmen with cable as shown on the drawings. Meanwhile, continue pumping.

d) Place one to four, 4" diameter perforated PVC pipes vertically in the hole. They should extend from the bottom of the hole to final grade. Transfer the pump suction(s) to these pipes and immediately begin backfilling to the top of the tank as previously described.

e) When the backfill is level with top of rank, ballast the tank by filling it with product. Water may be used as ballast only when product cannot be obtained. Under no circumstances should any liquid be put in tank prior to backfilling.

f) The tank must remain at least three quarters full of ballast for a minimum of seven days while the deadmen cure and develop the strength necessary to resist an uplift.

g) Complete the testing and backfilling in the normal manner as specified.

h) Install caps and access manholes for inspection purposes on the PVC pipes (as indicated under Step 4 above).

When the hole cannot be dewatered by pumping, and the decision is made to proceed by owner's engineer, additional work and caution is required. When the hole can be partially dewatered by ordinary pumping methods it may be possible to proceed without using a well point system. If a well point system is installed, the tank installation can proceed as described above and one to four perforated PVC pipes (as inspection pipes) must be installed. If complete dewatering is not possible, and the hole is partially full of water, the installation is to proceed as follows:

i) Complete the excavation to a depth at least 12" below the bottom of the tanks and place the bedding layer of stone backfill in the hole. Level as well as possible.

j) Install concrete deadmen (which now must be pre-cast out of the hole), and with cables attached if the water conditions are severe enough.

k) Install the fill pipe and a temporary 6' vent pipe.

l) Set the tank in the hole. If it floats, keep it in an upright position with the lifting line and align it with attended guy lines.

m) Add product to the tank for ballast until the tank sinks to bottom. The ballast must be added slowly and carefully, and must not be allowed to fill the tank above the water line by over an inch or two. As soon as the tank has reached the bottom of the hole the addition of ballast is to stop immediately.

n) Level the tank by adding stone backfill as necessary and "working" it from the surface with poles or boards.

o) As soon as the tank is level and firmly grounded, install the hold down straps, and complete the backfill, "working" it under the tank. Place a 4" perforated PVC pipe in each corner of the hole for inspection purposes.

p) When the backfill reaches the top of the tank, fill it with product. Verify the amount of product delivered, record it and lock the fill caps. (Water is to be used only when product is unavailable.)

q) Exend the temporary vent to 12' above grade. Pipe the permanent vent, remove the temporary one and connect the permanent one to the tank, using a union at the swingjoint.

r) Complete the intallation and testing in the prescribed manner.

6. Gasoline Piping, General

(a) Interior of all pipe must be kept free from dirt, scale, metal particles, etc. Contractor will be responsible for damage to pumps or other equipment resulting from foreign materials left in lines. No open pipe ends shall be left unsealed during cessation of work.

(b) Piping shall be run as shown on the General Plan at a depth of not less than 18" below surface of driveway. A swing joint shall be installed between each submerged pump and its horizontal run of product piping. Swing joints shall also be installed beneath each dispenser shear valve.

(c) All product and vent lines shall slope to drain back towards tanks without traps.

(d) No gasoline vent riser shall be less than 10 feet measured horizontally from a heater flue or building fresh air inlet or 5 feet measured horizontally from any other building opening. Pipe swings shall be installed on vent piping at the tanks and at the risers.

(e) Pipe swings shall consist of two 90 degree elbows with a 6" long horizontal nipple between elbows. No close nipples shall be used.

7. Fiberglass Piping, Specific Installation

Piping is to be fiberglass reinforced epoxy resin piping, "red thread" as manufactured by A. O. Smyth Inland, Inc. or equal as approved by owner. Installation shall be in accordance with manufacturer's instructions. All connections and swing joints will be made with galvanized fittings. Leak detectors will be installed on each submerged pump.

(a) All pipe is to be set on firm sand to the gradient required. Vapor recovery lines, particularly, must be installed with a positive stable gradient. When such a slope cannot be achieved "pots" are to be installed as detailed on the standard drawings.

(b) Backfill is to be compacted sand (not "pea stone").

(c) Tools used to taper the pipe must match the fittings being used.

(d) Galvanized fittings used for swing joints or connections at the tank, must be wrapped with a tape such as #50 Scotchwrap All-Weather 10 mils. as mfg. by 3M Company or equal, applied half-lapped to provide 20 mils thickness. The wrapping is to extend one foot onto the connecting fiberglass pipe. Use pipe insulation putty beneath the tape to smooth irregularities.

(e) Heating pads are to be used, even in mild weather, to hasten the set of the joint cement.

(f) Where supports are used to maintain gradient, etc., they must be of permanent material; wood is not permitted. Supports must not rest on the shell of a fiberglass tank or on backfill that would transmit a load onto such a tank.

8. Specific Installation, Galvanized Pipe

Galvanized pipe shall be used only when called for in the supplemental conditions and for vapor recovery lines in the Eastern Area.

(a) Galvanized Pipe and Fittings: Less otherwise noted, shall be new std. weight galv. steel. Fittings unless otherwise noted shall be 150 lb. threaded malleable iron galvanized, banded pattern; unions to be ground joint, bronze to iron seat. Pipe less than 2" in size shall be butt weld pipe, and that 2" and larger shall be lap weld pipe. Ream pipe ends. In all cases where pipe size changes, a reducing fitting shall be used; bushings are not permissible. No street ells or street union elbows are permitted.

(b) Pipe to be set on firm backfill or supports to establish required gradient. Vapor recovery lines, particularly, must be installed with a positive stable gradient.

(c) The contractor is to use new or nearly new dies.

(d) Where supports are used to maintain gradient, etc., they must be of permanent material; wood is not permitted. Supports must not rest on the shell of a fiberglass tank or on backfill that would transmit a load onto such a tank.

(e) "Teflon" tape is to be used for all joints in pipe up to 2". Teflon paste is to be used for joints in larger pipe and in tank fittings.

9. Testing of Gasoline Piping

(a) Before backfilling all product piping for submerged gasoline pump system is to be tested at 50 psi pressure while isolated from tank (by

closing valve in head of submerged pump) soaping all joints and fittings. Test completed system with dispenser and pump installed. (See Gasoline Piping Test After Paving Base Installation 15B10)

Test vent, fill, and syphon cross-over after connection to tank, and all connections and openings at tank with not over 5 psi pressure using a guage calibrated for no more than 30 psi. When two tanks are tied together with a syphon cross-over, both tanks shall be tested at the same time. Any leaks indicated by soap bubbles shall be eliminated by tightening or by means of cold chisel expansion on flange combined with caulking with lead wool as required.

(b) Notice of Tests and Inspection: All tests shall be made in the presence of Owner's Representative. Contractor must give at least 24 hours notice of any test.

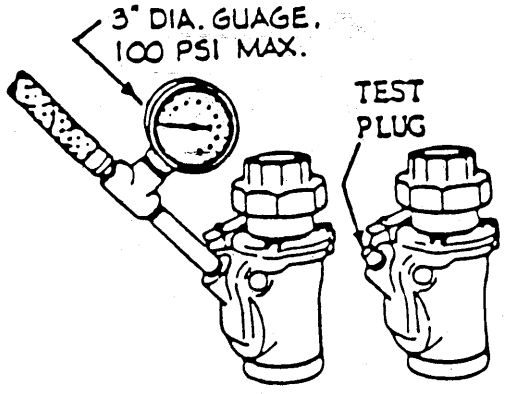
10. Gasoline Piping Test After Paving Base Installation

(a) Gasoline Product Piping shall be tested again after grading and rolling of sub-base for paving has been completed. The test shall be conducted for a minimum of 30 minutes, with the Owners Representative present. If any leaking is detected, corrections shall immediately be made and the entire test conducted again.

Test gauges shall be of proven calibration. Gauges shall have a minimum 3" face and the range should not exceed 100 pounds.

Test the completed system at 45 psig min. -- 50 psig maximum (1-1/2 times the normal operating pressure). Tighten the set screw on the check valve by-pass (in the head of the submerged pumping units) while testing, and apply air test as shown and noted in the following cut from the valve manufacturer's brochure. To achieve the necessary pressure, either an air compressor or a cylinder of nitrogen may be used. Nitrogen must be used if there is product in the tanks or lines. The test is to be conducted before the lines are filled with gasoline whenever possible.

Note: After proper pressure has been injected into the system, the source of the test media (compressor or nitrogen) shall be physically disconnected, during the test period.



B. Pressure Testing The System
Each OPW valve has a built-in 3/8" test plug to permit testing of the entire pumping system for leaks after complete installation. To use this valve in testing the system, just close the valve manually,

remove the test plug, and attach the test line as shown in the drawing. There's no need to break the line above or below the valve or to remove the valve.

Note: To prevent damage to the valve seat and disc, do not apply more than 50 psi pressure to test line.

11. Gasoline Dispensers

Dispensers will be furnished to job site by Owner for installation and connection by Contractor. Secure to island with minimum of two (2) 1/2" x 6" lag screws in approved lead expansion shields. Area under dispensers in island to be filled with clean sand to bottom of shear valve.

12. Installation of Additional Tanks

When additional tanks are added to an existing group, wherever possible the new tank will be placed in such a fashion that the new fill connection is in close proximity to existing fill connections to facilitate unloading without the necessity of moving the transport vehicle.

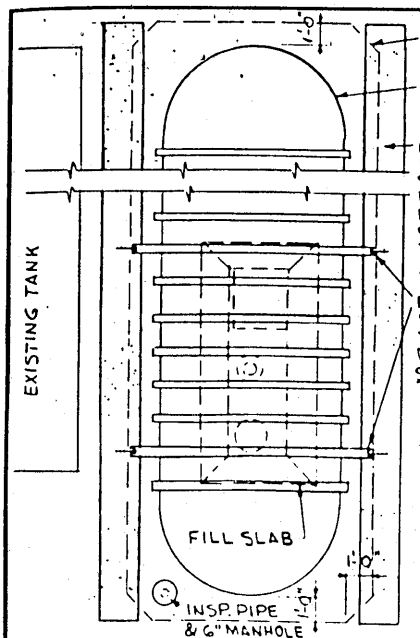
If a new tank is to be installed adjacent to an existing fiberglass tank, special precautions must be taken:

(a) The existing tank must be protected against collapse due to the removal of support at one side.

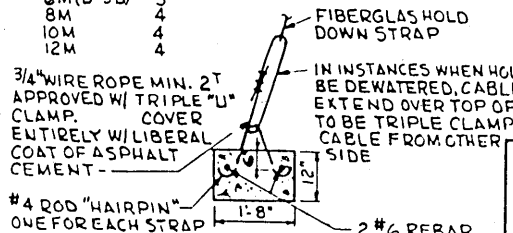
(b) Sheet piling can be installed to prevent the existing backfill from falling into the new excavation. The product should be removed from the tank.

(c) The new tank should be located end to end with the existing tank when possible.

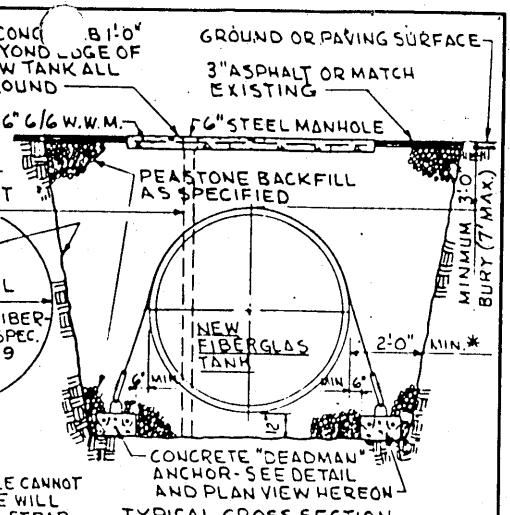
(d) When neither of the above is practical the new tank may be installed in a separate excavation or if space does not permit that, the existing tank must be uncovered to the top, the product removed and backfill replaced along with backfill for the new tank before product is reintroduced.



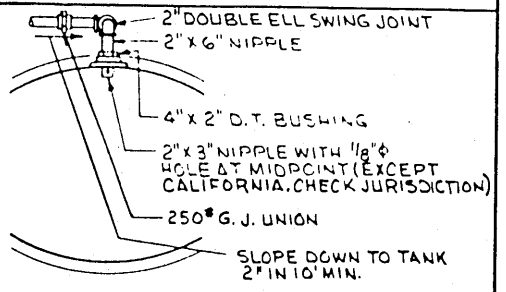
PLAN AT NEW TANK
NO SCALE

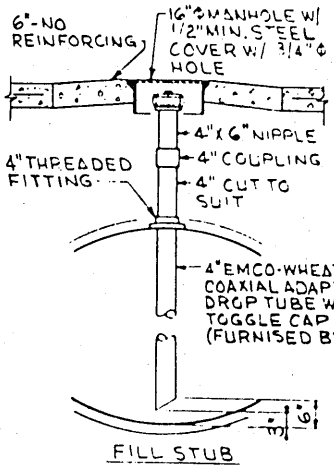


ANCHOR & CONNECTION ⚠
NO SCALE

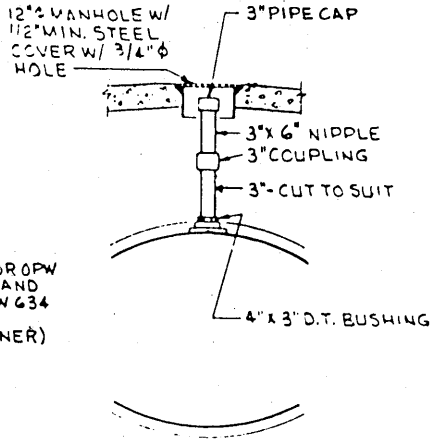


TYPICAL CROSS SECTION AT NEW TANK NO SCALE



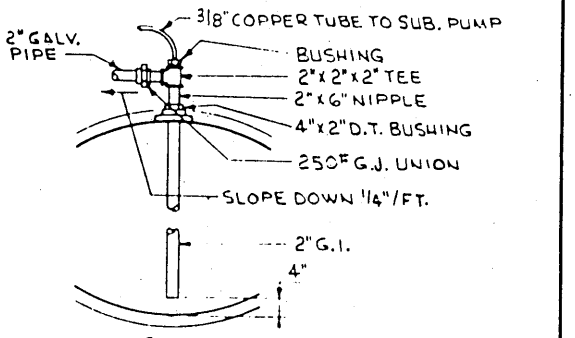


FILL STUB

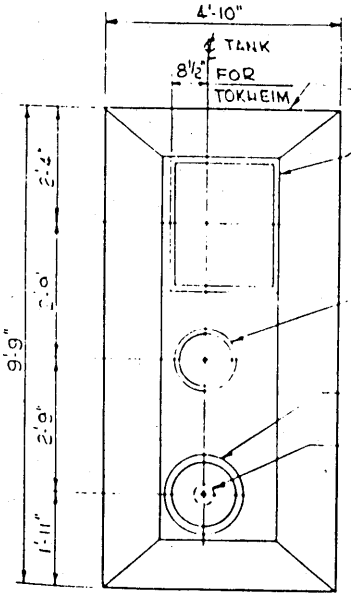


INVENTORY RISER

VENT OR VAPOR RECOVERY LINE



SIPHON



INSTALLATION OF TANK FITTINGS 1/2"=1'-0"

CONSTRUCTION JOINT IN SLAB OVER TANK

TOKHEIM #91 MANHOLE (26" ± x 22" ±) OR EQUAL IF SUBMERGED TURBINE PUMP IS TO BE INSTALLED (WHEN RED JACKET PUMP IS USED, MANHOLE WILL BE 24" x 24" #151-026 & WILL BE CENTERED ON ℄ OF TANK)

12" ϕ CAST IRON MANHOLE W/ STEEL COVER OVER INVENTORY RISER

16" ϕ CAST IRON MANHOLE W/ STEEL COVER

4" FILL WITH DROP TUBE PER REGULATIONS

PLAN OF FILL SLAB
1/2" = 1'-0"

NOTES - REFERENCE SPECIFICATION 15B

1. NEW PIPING IS TO BE FIBERGLAS OR G. I. ON VAPOR EASE. SEE SCOPE OF WORK.
2. WHEN FIBERGLAS PIPING IS USED, THE GALVANIZED IS 5 PIPING AND FITTINGS CONNECTED TO TANK OR PUMP ARE TO BE WRAPPED WITH 10 MIL SCOTCHRAP ALL WEATHER TAPE (DOUBLE WRAPPED) APPLIED OVER COUPLINGS. PIPE INSULATION PUTTY OR "PERMATEX" #100 10 MIL TAPE WRAPPED. WRAPPING SHALL BE LAPPED TO PROVIDE DOUBLE COVER AND TAPE EXTEND ONTO CONNECTING FIBERGLASS PIPE FOR 6" MINIMUM.
3. CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT PIPE AND TRENCHES FROM SURFACE WATER. DO NOT INSTALL PIPING IN WATER.
4. PIPING SHALL BE INSTALLED WITH SUFFICIENT SLOPE TO PREVENT AGAINST VAPOR SETTLING AND TRAPPING. VENTS SHALL BE AT 2" TO TEE FREE UPWARD FROM TANK. ALL PIPING IS TO BE SUPPORTED 5' INTERVALS (MAX.) AND TRAPS. (NO WOOD SUPPORTS WILL BE PERMITTED). TRENCHES WILL BE CAREFULLY BACKFILLED WITH CLEAN SAND FREE FROM ROCKS OR STONES 1" DIAMETER OR LARGER. (STONE WILL NOT BE USED AS BACKFILL IN TRENCH).
5. FITTINGS SHOWN ARE TYPICAL. FIELD FITTINGS MAY VARY BE INSTALLED IS PLANNED THAT IS SUITABLE FOR SERVICE.
6. BACKFILL IS TO BE PEASTONE (1/8" TO 3/4") OR CRUSHED STONE (1/8" TO 1/2"
7. TANK MANUFACTURER'S LATEST INSTALLATION INSTRUCTIONS ARE TO BE CAREFULLY FOLLOWED. IF COMPLETE LATEST REVISED COPY ARE NOT AVAILABLE IT IS TO BE OBTAINED (AS A MINIMUM, THE LAST BEFORE PROCEEDING WITH THE WORK.
8. TEST TANK AT 5 PSI BEFORE PLACING IN HOLE.
9. LIFT TANK USING ONLY LIFT LUGS. USE TANK LIFTER OR 1/4" OF STEEL. GRADUATED PEASTONE (1/8" to 1/4") OR CRUSHED STONE (1/8" to 1/2").
10. PARTIALLY BACKFILL WITH PEASTONE (NO MORE THAN 2') AND MANUALLY PUSH MATERIAL UNDER EACH RIB AND BOTH ENDS.
11. COMPLETE THE BACKFILL AS SHOWN.
12. * IN UNSTABLE SOIL THIS DIMENSION MUST BE 4 FT. FROM BOTH SIDES AND ENDS.
13. FILTER FABRIC (DUPONT TYPAR OR MIRAFI 600X) IS REQUIRED WHEN EXISTING SOIL HAS A HIGH ORGANIC CONTENT (IF ATOR IS COMPOSED OF SILTY OR FINE MATERIAL WHICH MAY BECOME "MUDDY". FABRIC MUST EXTEND 1' ABOVE MAXIMUM HIGH WATER TABLE AND MAY BE PINNED TO SIDE OF HOLE WITH WIRE, ETC. SEAMS MUST BE LAPPED 1' MINIMUM. ALL TO BE TO APPROVAL OF OWNER'S ENGINEER OR ENGINEERING REPRESENTATIVE.
14. TANK MUST BE BALLASTED BY FILLING WITH PRODUCT UNTIL BACKFILL IS COMPLETE. CAUTION DO NOT FILL TANK WITH LIQUID UNTIL BACKFILL IS EVENLY TO
15. IF AN EXISTING FIBERGLAS TANK MUST BE UNCOVERED, IT MUST BE FILLED WITH PRODUCT AS BALLAST UNLESS TANK IS IN WATER CONDITION.

⚠ CHANGE ANCHOR CABLE & MISC. CORRECTIONS (8-27-79)

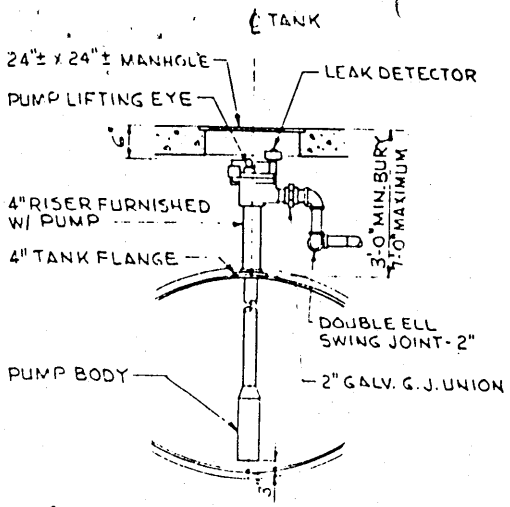
⚠ CHANGED VAPOR STUB TO INVENTORY RISER & MISC. CHANGES (4-2-82)

AtlanticRichfieldCompany
products division · service station engineering
515 so. flower st., los angeles, calif. 90071

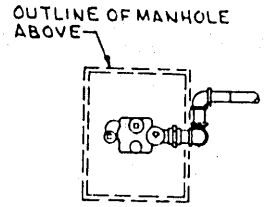
TYPICAL INSTALLATION
ADDITIONAL TANK-FIBERGLAS
WET HOLE INSTALLATION

RJC 5/6/82
RJC 9/11/79
RJC 4/1/74

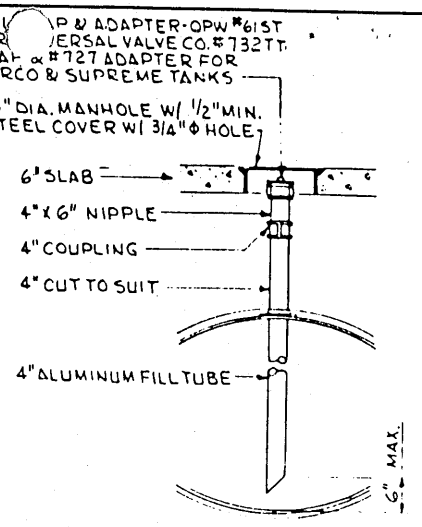
CS 3-29-79 CP
101 1



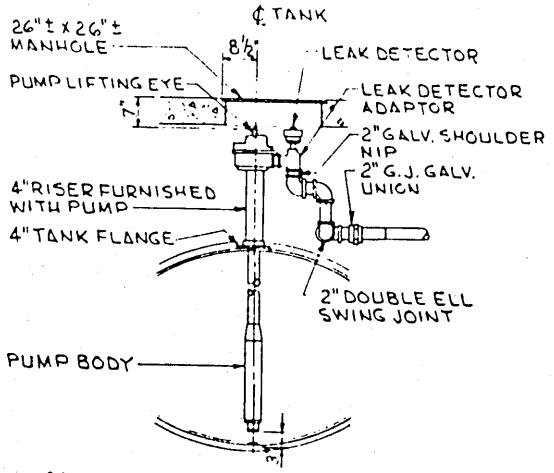
CONNECTION OF SUBMERGED TURBINE PUMP WITH LEAK DETECTOR "RED JACKET"



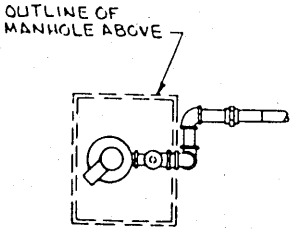
PLAN AT TOP OF PUMP "RED JACKET"



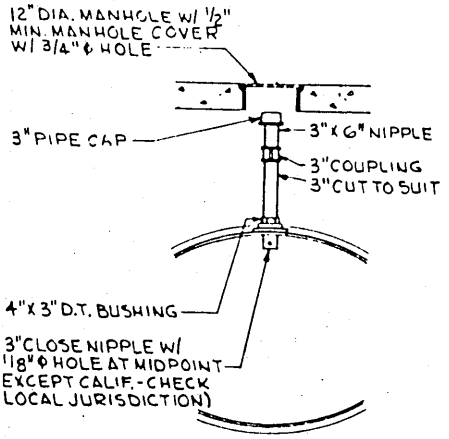
FILL STUB DETAIL



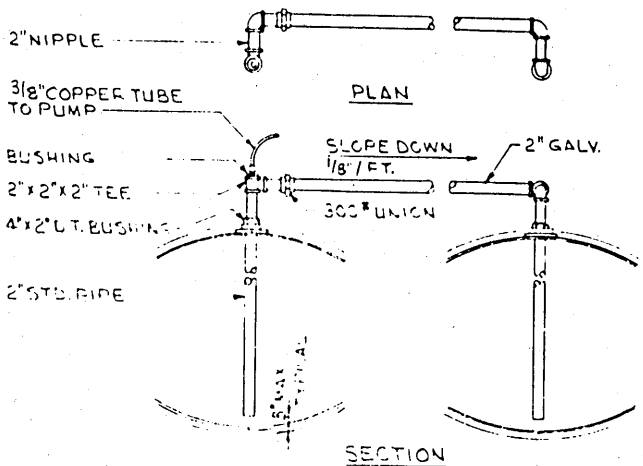
CONNECTION OF SUBMERGED TURBINE PUMP WITH LEAK DETECTOR "TOKHEIM"



PLAN AT TOP OF PUMP "TOKHEIM"

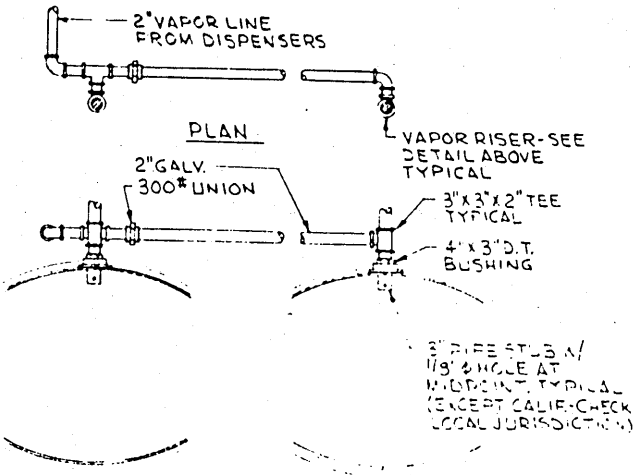


INVENTORY RISER DETAIL



SIPHON LEG

SCALE: 1/2" = 1'-0"



VAPOR CROSS CONNECTION WITH SIPHONED TANKS (WHEN CALLED FOR)

NOTES:

REFERENCE SPECIFICATION 53

PIPE SHALL BE FIBERGLAS "RED THREAD" OR "[illegible]" OR EQUAL. ALL STEEL PIPE AND FITTINGS SHALL BE WRAPPED WITH "SCOTCHWRAP" OR EQUAL AS CALLED FOR IN SPECIFICATIONS.

FOR ADDITIONAL DETAILS SEE DRAWING CS-103

A CHANGED VAPOR STUB TO INVENTORY RISER & MISC. CHANGES

A MINOR CORRECTIONS & ADDITIONS 8-27-79

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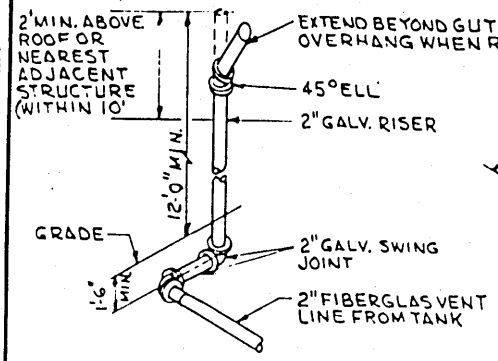
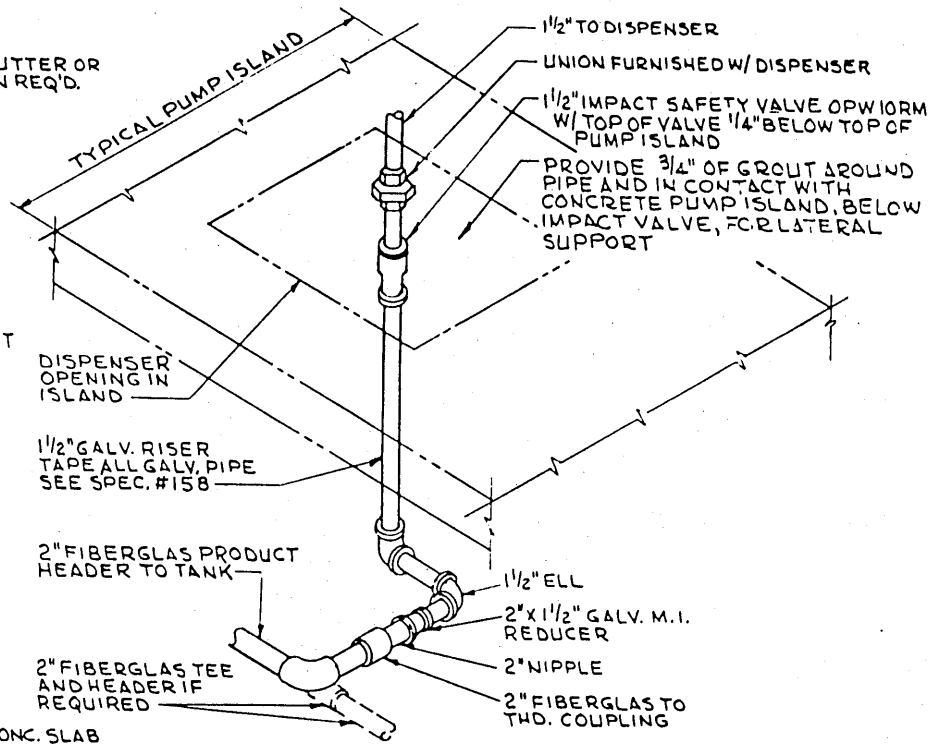
PIPING DETAILS FOR UNDERGROUND TANKS AND SUBMERGED PUMPS

REV. 1/1/79
REV. 4/6/79

CS 102 1

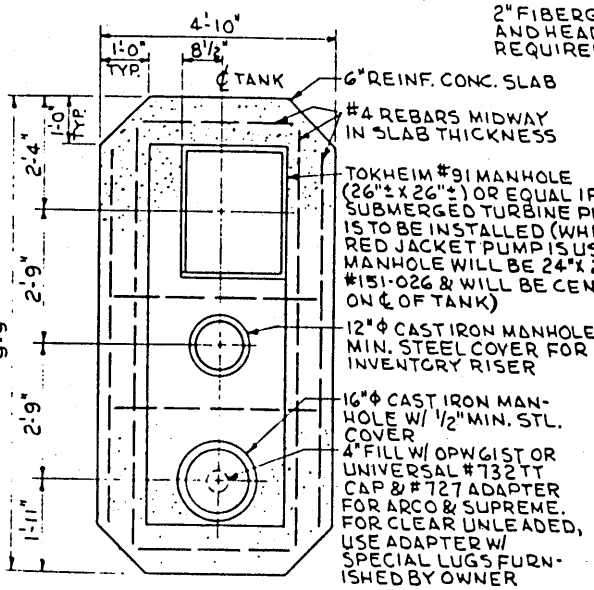


VENT RISER



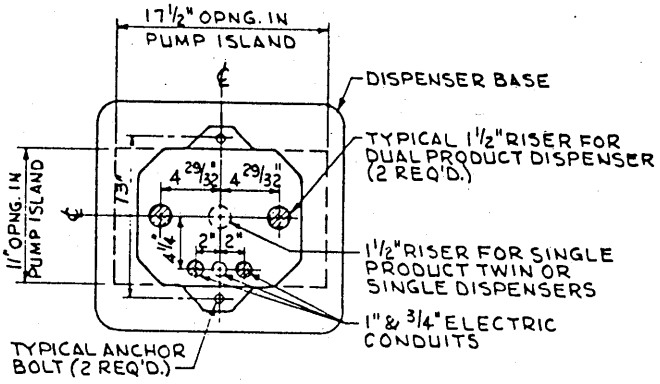
RISERS AT DISPENSER

NO SCALE



FILL SLAB FOR STEEL TANK

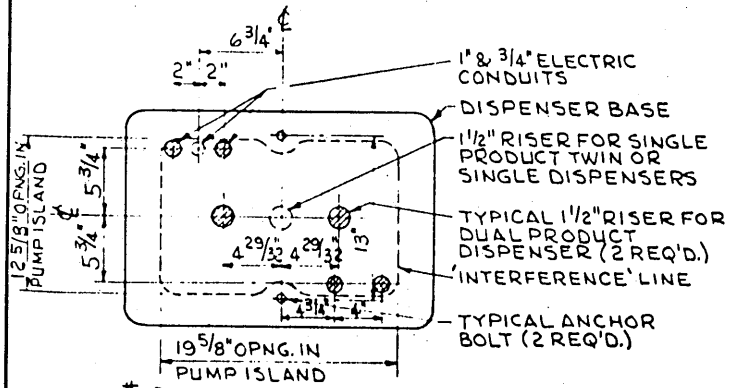
1½" = 1'-0"



#1150 TOKHEIM DISPENSER BASE PLAN

1½" = 1'-0"

REFER TO DWG. CS-254 FOR GILBARCO HIGHLINE 111 BASE PLAN



#1250 TOKHEIM DISPENSER BASE PLAN

1½" = 1'-0"

NOTES:

1. FOR ADDITIONAL DETAILS OF PIPING AT TANKS, SEE DRAWING CS-102.
2. WHEN STAGE II VAPOR RECOVERY PIPING IS REQUIRED, SEE DRAWINGS CALLED FOR IN SUPPLEMENTAL CONDITIONS.
3. PIPE SHALL BE FIBERGLAS "RED THREAD" OR "CIGA" OR EQUAL. ALL STEEL PIPE AND FITTINGS SHALL BE WRAPPED WITH "SCOTCHWRAP" OR EQUAL AS CALLED FOR IN SPECIFICATIONS.

REFERENCE SPECIFICATION 15 B

B CHANGED VAPOR RECOVERY TO INVENTORY 4-2-82

A CHANGED NOTE, ADDED BASE DIM. 8-27-79

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PIPING DETAILS FOR UNDERGROUND TANKS AND DISPENSERS

DC 5/19/82

DC 1/11/74

CS

4-3-79

EP

CITY OF BERKELEY
PERMIT

Permit No. _____

Berkeley Fire Department
Division of Fire Prevention
1835 Allston Way
644 - 6665

ADDRESS: _____

Fee Amount $ _____

Permission is hereby granted _____

Address _____ Phone _____

TO: Operate ____ Install ____ Store ____

_____

Type of Permit _____ F.C.S. No. _____

Periodic inspections are a condition of this permit which is issued in accordance with Berkeley fire code, as specified in Section Res. 46,410 N.S. of said code.

Additional requirements: _____

_____

_____

APPROVED SUBJECT TO FIELD INSPECTION

_____ _____
INSPECTOR Date

_____ _____
REPRESENTATIVE/OWNER PHONE

_____ _____
ADDRESS Date

(This permit must be posted with Business License)

OST THIS PERMIT ON THE JOB

City of Berkeley
HEADQUARTERS OF THE FIRE DEPARTMENT

Date March 1, 1971 Permit No. 552

Owner Arco
Address 3000 Shattuck City Berkeley
is granted permission for the underground installation and use of

6,000	gallons of	gasoline	Location underground on premises
	gallons of		Location
	gallons of		Location
	gallons of		Location
	gallons of		Location
	gallons of		Location

6,000 (Total gallonage in use)

3000 Shattuck (At the above address)

Storage will not exceed the above gallonage at any time.

This permit is good only for the person or persons to whom issued at the address named herein, in accordance with all ordinances of the City of Berkeley.

Installer name Terra & Weaver Phone 292-6294
Address 250 Commercial St., San Jose

Approved by Fire Chief Victor Porter
Owner Signature Chas. Dorsey Dolson Jr.
Address [redacted] Phone [redacted]
Witnessed by [redacted] Date 3/3/71

CONDITIONS

The owner, its successors or assigns, hereby agrees to the following:

1. The entire installation shall be made in accordance with all local laws and ordinances, and to the satisfaction of the Fire Chief.
2. If at any time the tank or tanks are no longer used for the permitted use, the said tank or tanks shall be removed without cost or expense to the City of Berkeley.
3. If at any time the tank or tanks must be removed or relocated because of construction work in, under, on or along the street or sidewalk area by either the City or any public or private utility, the said tank or tanks shall be removed or relocated without cost or expense to the City of Berkeley or said utility.
4. If this permit is for a service station installation, the permission is granted with the understanding that the gasoline be delivered from dispensing devices only by the operators of such devices, their employees or authorized attendants.
5. This permit shall be in addition to and not in lieu of any other permit or permits required by any ordinances of the City of Berkeley.
6. This permit is revocable by the City upon thirty (30) days written notice. Upon such revocation said tank or tanks shall be removed forthwith without cost or expense to the City of Berkeley.

Completion of installation approved by _____

Date _____

FPO-405

Permit No. 234 issued for removal of old tanks
New Installation:
3 - 4000 gal. gas tanks
1 - 280 gal. waste oil

POST THIS PERMIT ON THE JOB

City of Berkeley
HEADQUARTERS OF THE FIRE DEPARTMENT
City Hall

No. 235

Berkeley, May 2, 19 58

Permittee Richfield Oil Corporation

Address 417 Montgomery Street

San Francisco is granted permission for the storage and use of

12,000 gallons of gasoline at the following location

3000 Shattuck Avenue, on condition that the storage will not exceed the above gallonage at any time.

This permit is good only for the person or persons to whom issued at the location named herein, in accordance with all ordinances of the City of Berkeley.

TYPE OF INSTALLATION Underground (on property)

INSTALLER:

Name [redacted]

Address [redacted]

Building Permit No. [redacted]

Personal Identifying Information

Chesterle. Waller
FIRE CHIEF

Completion of installation approved

June 26, 19 58

By [signature]
Berkeley Fire Department

CONDITIONS

The permittee, its successors or assigns, hereby agrees to the following:

1. The entire installation shall be made in accordance with all local laws and ordinances, and to the satisfaction of the Fire Chief.
2. If at any time the tank or tanks are no longer used for the permitted use, the said tank or tanks shall be removed without cost or expense to the City of Berkeley.
3. If at any time the tank or tanks must be removed or relocated because of construction work in, under, on or along the street or sidewalk area by either the City or any public or private utility, the said tank or tanks shall be removed or relocated without cost or expense to the City of Berkeley or said utility.
4. If this permit is for a service station installation, the permission is granted with the understanding that the gasoline be delivered from dispensing devices only by the operators of such devices, their employees or authorized attendants.
5. This permit shall be in addition to and not in lieu of any other permit or permits required by any ordinances of the City of Berkeley.
6. This permit is revocable by the City upon thirty (30) days written notice. Upon such revocation said tank or tanks shall be removed forthwith without cost or expense to the City of Berkeley.

Dated this Sixth day of May 19 58

Witnessed by:

[signature]
Berkeley Fire Department

William W. Burton
Permittee

417 Montgomery St

William W. Burton
Construction Superintendent.
Richfield Oil Corporation
417 Montgomery Street. San Francisco

Remove:

2 - 1000 gal. tanks
2 - 300 gal. tanks
1 - 500 gal. tank
1 waste oil tank

POST THIS PERMIT ON THE JOB

City of Berkeley
HEADQUARTERS OF THE FIRE DEPARTMENT
City Hall

No. 234

Berkeley, May 2, 1958

Permittee [redacted] Personal Identifying Information

Address [redacted] Personal Identifying Information

[redacted] is granted permission for the removal of

6 tanks [redacted] at the following location

3000 Shattuck Avenue, on condition that the storage will not exceed the above gallonage at any time.

This permit is good only for the person or persons to whom issued at the location named herein, in accordance with all ordinances of the City of Berkeley.

TYPE OF INSTALLATION (On property and under sidewalk

INSTALLER:

Name [redacted] Personal Identifying Information

Address [redacted]

Building Permit No. [redacted]

Chester W. Wyllie
FIRE CHIEF

Completion of installation approved

5-5, 1958

By Alfred Lawrence Lt.
Berkeley Fire Department

CONDITIONS

The permittee, its successors or assigns, hereby agrees to the following:

1. The entire installation shall be made in accordance with all local laws and ordinances, and to the satisfaction of the Fire Chief.
2. If at any time the tank or tanks are no longer used for the permitted use, the said tank or tanks shall be removed without cost or expense to the City of Berkeley.
3. If at any time the tank or tanks must be removed or relocated because of construction work in, under, on or along the street or sidewalk area by either the City or any public or private utility, the said tank or tanks shall be removed or relocated without cost or expense to the City of Berkeley or said utility.
4. If this permit is for a service station installation, the permission is granted with the understanding that the gasoline be delivered from dispensing devices only by the operators of such devices, their employees or authorized attendants.
5. This permit shall be in addition to and not in lieu of any other permit or permits required by any ordinances of the City of Berkeley.
6. This permit is revocable by the City upon thirty (30) days written notice. Upon such revocation said tank or tanks shall be removed forthwith without cost or expense to the City of Berkeley.

Dated this second day of May 1958

Witnessed by:

Francesca Rudechalder
Berkeley Fire Department

Personal Identifying Information

Personal Identifying Information

Address Personal Identifying Information

109-15-V B.P.

934-2

BERKELEY FIRE DEPARTMENT

FIRE PREVENTION BUREAU

Garage and Service Station Report

GARAGE ..... SERVICE STATION XXXXXX

Inspector .....

Location 3000 Shattuck Ave. Zone #1

Occupant [redacted] Address [redacted] Phone BE 8862

Owner Signal Oil Address ..... Phone .....

No. Gas Tanks 5 Capacity 2-100 1-550 2-250

Location On north side property Ashby Ave.

No. Gas Buggies None Location .....

No. Gas Pumps 3 Kind .....

No. Extinguishers 3 Kind 2 Pyrene and 1 Foam

Signs (NO SMOKING AND STOP MOTOR) O.K.

Labels for Containers O.K.

Type of Building Sheet metal and metal frame

Sprinklers None

Remarks Waste oil tank on South Side property 50 gal cap.

317.696 1M 8-45

UNDERGROUND TANK INSTALLATION INSPECTION REPORTS

Permit No. 135 Tank Sizes 3 - 4000

TANK ACCEPTANCE

Underwriters' Label Yes Other than U.L. Label OK

Distance from Property Line 10 feet

Spacing of Tanks 3 feet

Anchorage none

Depth and Cover 4 feet sand & compacted earth.

Vent Piping Size 2"

Vent Location Roof station - OK

Vent Pipe Grading OK

Piping Valves and Fittings OK

Test OK

Location of Fill Stem OK

Type of Pump Submerged

Make of Pump Tokheim U. L. Label OK

Approved for Back-fill OK 5-2-58

Requests for Variance None

Remarks:

Inspection Officer will initial all factors accepted and approved.

Form FCO-44

Redaction Log

Reason	Page (# of occurrences)	Description
Personal Identifying Information	**1** (4) **2** (1) **3** (1) **22** (3) **23** (1) **24** (7) **25** (2)	Government Code section 6255 [personal identifying information]

Inspection Summary

City of Berkeley Fire Department

Inspection 5614

Inspection

Type: Annual Inspection
Status: Completed NVN
Inspector: McKinney
Unit Number: T5
Shift: C

Scheduled: 11/19/2009 13:29 Scheduled: McKinney
Inspected On: 04/26/2010 15:25
Finished At: 04/26/2010 15:30 Inspection Length: 0.08
Next Inspection:

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER Occupancy Type: B1
Building Name: Extinguisher Variance:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Owner

Owner / Company
Contact Name:
Address:
City, State and Zip
Phone:

Personal Identifying Information

Comments

Verbal to upgrade extinguisher in store to 2A-10BC (current is unrated, appears to be 1A)
S&T OK

Violation Summary

Status	Violation	Location
	-	

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

Redaction Log

Reason	Page (# of occurrences)	Description
Personal Identifying Information	**1** (1)	Government Code section 6255 [personal identifying information]

Inspection Summary

City of Berkeley Fire Department

Inspection 13341

Inspection

Type: Annual Inspection
Status: Completed NVN
Inspector: Bobrosky
Unit Number: T5
Shift: C

Scheduled: 07/13/2010 14:38
Inspected On: 01/21/2011 09:35
Finished At: 01/21/2011 09:40
Next Inspection:

Scheduled:

Inspection Length: 0.08

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Building Name:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Occupancy Type: B1
Extinguisher Variance:

Owner

Owner / Compan
Contact Name
Address
City, State and Zip
Phone

Personal Identifying Information

Comments

Violation Summary

Status	Violation	Location
	-	

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

Redaction Log

Reason	Page (# of occurrences)	Description
Personal Identifying Information	**1** (1)	Government Code section 6255 [personal identifying information]

Inspection Summary

City of Berkeley Fire Department

Inspection 28336

Inspection

Type: Annual Inspection
Status: Completed NVN
Inspector: May
Unit Number: T5
Shift: C

Scheduled: 07/13/2011 15:40
Inspected On: 08/18/2011 10:45
Finished At: 08/18/2011 10:50
Next Inspection:

Scheduled:

Inspection Length: 0.08

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Building Name:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Occupancy Type: B1
Extinguisher Variance:

Owner

Owner / Company
Contact Name
Address:
City, State and Zip
Phone:

[redacted]
Personal Identifying Information

Comments

Violation Summary

Status	Violation	Location
	-	

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

Redaction Log

Reason	Page (# of occurrences)	Description
Personal Identifying Information	**1** (1)	Government Code section 6255 [personal identifying information]

Inspection Summary

City of Berkeley Fire Department

Inspection 33581

Inspection

Type: Annual Inspection
Status:
Inspector: Bobrosky
Unit Number: T5
Shift: C

Scheduled: 06/28/2012 11:30
Inspected On: 05/21/2013 11:15
Finished At: 05/21/2013 11:20
Next Inspection:

Scheduled:
Inspection Length: 0.08

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Building Name:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Occupancy Type: B1
Extinguisher Variance:

Owner

Owner / Company:
Contact Name:
Address:
City, State and Zip:
Phone:

[redacted] Personal Identifying Information

Comments

Violation Summary

Status	Violation	Location
Violation Abated/Resolved	605.3 - 3 Working space and clearance. Provide 30" minimum clearance in front of electrical panel	
Violation Abated/Resolved	906.2 - 2 General requirements. Portable fire extinguishers shall be selected, installed and maintained in accordance with this section and Chapter 3, Title 19 California Code of Regulations. Exceptions: 1. The travel distance to reach an extinguisher shall not apply to the spectator seating portions of Group A-5 occupancies. 2. Thirty-day inspections shall not be required for portable fire extinguishers that are supervised by a listed and approved electronic monitoring device, provided that all of the following conditions are met: 2.1. Electronic monitoring shall confirm that extinguishers are properly positioned, properly charged and unobstructed. 2.2. Loss of power or circuit continuity to the electronic monitoring device shall initiate a trouble signal. 2.3. The extinguishers shall be installed inside of a building or cabinet in a noncorrosive environment. 2.4. Electronic monitoring devices and supervisory circuits shall be tested when extinguisher maintenance is performed. 2.5. A written log of required hydrostatic test dates for extinguishers shall be maintained by the owner to ensure that hydrostatic tests are conducted at the frequency required by Chapter 3, Title 19 California Code of Regulations.	

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

Redaction Log

Reason	Page (# of occurrences)	Description
Personal Identifying Information	**1** (1)	Government Code section 6255 [personal identifying information]

Inspection Summary

City of Berkeley Fire Department

Inspection 53369

Inspection

Type: Annual Inspection
Status: Completed NVN
Inspector: Arnold
Unit Number: T5
Shift: C

Scheduled: 08/21/2014 18:22
Inspected On: 05/05/2015 15:00
Finished At: 05/05/2015 15:05
Next Inspection:

Scheduled:
Inspection Length: 0.08

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Building Name:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Occupancy Type: B1
Extinguisher Variance:

Owner

Owner / Company: K
Contact Name:
Address: 4
City, State and Zip: F
Phone:

Personal Identifying Information

Comments

Violation Summary

Status	Violation	Location
	-	

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

Redaction Log

Reason	Page (# of occurrences)	Description
Personal Identifying Information	**1** (1)	Government Code section 6255 [personal identifying information]

Inspection Summary

City of Berkeley Fire Department

Inspection 61437

Inspection

Type: Annual Inspection
Status: Violations Found
Inspector: Girard
Unit Number: T5
Shift: C

Scheduled: 08/19/2015 12:33
Scheduled:
Inspected On: 06/09/2016 10:45
Finished At: 06/09/2016 10:50
Inspection Length: 0.08
Next Inspection:

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Occupancy Type: B1
Building Name:
Extinguisher Variance:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: BERKELEY, CA 94705-1821
Phone: 510-841-3414

Owner

Owner / Company: 3000 SHATTUCK AVENUE LLC
Contact Name:
Address: 1958 UNIVERSITY AVE #A
City, State and Zip: BERKELEY, CA 94704-1024
Phone:

Comments

Violation Summary

Status	Violation	Location
Violation Abated/Resolved	906.2 Service and Tag E - a. Where extinguishers are not readily available, post signs indicating location. b. Service and tag (by State licensed contractor) each extinguisher annually and after each use.	in front store expired 2/16

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

Inspection Summary

City of Berkeley Fire Department

Inspection 69651

Inspection

Type: Annual Inspection
Status: Completed NVN
Inspector: Morino
Unit Number: T5
Shift: A

Scheduled: 08/12/2016 15:15
Inspected On: 05/01/2017 10:30
Finished At: 05/01/2017 10:35
Next Inspection:

Scheduled:
Inspection Length: 0.08

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Building Name:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Occupancy Type: B1
Extinguisher Variance:

Owner

Owner / Company: 3000 SHATTUCK AVENUE LLC
Contact Name:
Address: 1958 UNIVERSITY AVE #A
City, State and Zip: BERKELEY, CA 94704-1024
Phone:

Comments

Violation Summary

Status	Violation	Location
	-	

Tickler History

Date	Type	Inspector	Narrative

Signatures

_____ _____
Date

Inspection Summary

City of Berkeley Fire Department

Inspection 78611

Inspection

Type: Annual Inspection
Status: Completed NVN
Inspector: Morino
Unit Number: T5
Shift: A

Scheduled: 09/12/2017 10:06
Inspected On: 05/03/2018 10:30
Finished At: 05/03/2018 10:35
Next Inspection:

Scheduled:
Inspection Length: 0.08

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Building Name:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Occupancy Type: B1
Extinguisher Variance:

Owner

Owner / Company: 3000 SHATTUCK AVENUE LLC
Contact Name:
Address: 1958 UNIVERSITY AVE #A
City, State and Zip: BERKELEY, CA 94704-1024
Phone:

Comments

Violation Summary

Status	Violation	Location
	-	

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

Inspection Summary

City of Berkeley Fire Department

Inspection 87266

Inspection

Type: Annual Inspection
Status: No violation found
Inspector: Morino
Unit Number: T5
Shift: A

Scheduled: 10/05/2018 14:10
Inspected On: 04/16/2019 10:30
Finished At: 04/16/2019 10:35
Next Inspection:

Scheduled:
Inspection Length: 0.08

Occupant

Occupant Name: U.S. TEST ONLY SMOG CENTER
Building Name:
Contact Name:
Address: 3000 SHATTUCK AVE
City, State and Zip: Berkeley, 94705
Phone: 510-841-3414

Occupancy Type: B1
Extinguisher Variance:

Owner

Owner / Company: 3000 SHATTUCK AVENUE LLC
Contact Name:
Address: 1958 UNIVERSITY AVE #A
City, State and Zip: BERKELEY, CA 94704-1024
Phone:

Comments

Violation Summary

Status	Violation	Location
	-	

Tickler History

Date	Type	Inspector	Narrative

Signatures

Date

NFIRS-1 Basic

A City of Berkeley Fire Department (Fire Department) | 08/28/2008 (Date) | 02:54:00 (Time) | 2008-008097 (Incident Number) | 00 (Exposure)

B Street address

3000 SHATTUCK AV
BERKELEY, CA 94705
Cross Street: ASHBY

423900 (Census Tract)

C Incident Type: 111
Building fire

D Mutual Aid: None
Their FDID | State | Incident
Responding Departments (Press Other)

E 1 Dates and Times

Alarm Time	08/28/2008 02:54:00
Time Out	08/28/2008 02:55:00
Arrival	08/28/2008 02:57:00
Controlled	08/28/2008 03:40:00
Cleared	08/28/2008 05:55:00

E 2 Shift and Alarms

Shift	Alarm	District	Alarm Box
A		5	

E 3 Special Studies

F Actions Taken: 11 , 12 , 82
1. Extinguishment by fire service personnel
2. Salvage & overhaul
3. Notify other agencies.

G 1 Resources

	Apparatus	Personnel
Suppression	4	12
EMS	1	2
Other	1	1
Personnel Not on Apparatus		
Total Personnel		15

G 2 Estimated Dollar Losses

Losses

Property	$500,000
Contents	$200,000

Pre Incident Value

Property	Unknown
Contents	Unknown

H 1 Casualties

	Deaths	Injuries
Fire Service	0	0
Civilian	0	0

H 3 Hazardous Materials Release

J Property Use
Service station, gas station

H 2 Detector

I Mixed Property Use

K 1 Person Entity Involved
Arco Gas Station
Personal Identifying Information

Personal Identifying Information

K 2 Owner

L Remarks

A full assignment consisting of 2245, 2243, 2242, 2275, 2295, and 2204 was dispatched to a report of a fire in a gas station. 2295 arrived on the scene first and declared a working fire. 2245 attacked the fire with an 1-3/4" preconnect, 2243 pulled a back-up 1-3/4", 2242 took another line to side "C'" of the fire to prevent extension, 2275 performed forcible entry and ventilation, and 2295 assisted with a 5" supply line and joined 2275.

The fire appeared to have started in the office area and due to open construction, rapidly spread throughout the structure. An investigation brought our attention to an object that appeared to be an electric heater that may have been left in the "on" position and did not start until the ambient temperature fell low enough. The cause is still yet to be determined and is under investigation. 2203 was called to the scene for this purpose. The combination office / mini mart area received extensive fire damage, and the garage area moderate. The electronic equipment in the garage received extensive smoke damage. Garage doors had to be cut to gain entry, and the rear storage and restroom doors were cut open to access the electrical shut off. PGE responded to the scene to assist with the power disconnect. Damage to the structure is estimated to be $500,000. Damage to contents taken at $200,000.

BPD responded to the scene for traffic control, and Public works was called to assist with pick-up of oily run off from oil products in the mini mart, and to assist with securing the property. As stated before, 2203, and PGE also responded. Attempts were made to contact the property / business owner to no avail. A relative of the owner responded to the scene and the scene was released to him. The now responsible party was told to secure the property, and to clean-up the oil and product run off.

M	**Malcolm D Greene** Officer in Charge	**Duty Chief** Rank	Assignment	**08/28/2008** Date
	Malcolm D Greene Member Making Report	**Duty Chief** Rank	Assignment	**08/28/2008** Date

R

SS Special Studies

ID	Title	Entry Description
	Personnel, Medical or Similar Files	

NFIRS-2 Fire

B Property Details

B_1 Not Residential
Estimated number of residential living units in building of origin whether or not all units

B_2 1
Number of buildings involved.

B_3 None
Acres burned (outside fires).

C On-Site Materials or Products

Foods, beverages, agriculture, other	On-site material (1)	Packaged goods for sale	Storage Code
	On-site material (2)		Storage Code
	On-site material (3)		Storage Code

D Ignition

Office
Area of Fire Origin

Electrical arcing
Heat Source

Undetermined
Item First Ignited

Undetermined
Type of Material First Ignited

E_1 Cause of Ignition

Unintentional

E_2 Factors Contributing to Ignition

1. Factors contributing to ignition, other

E_3 Human Factors

None

F_1 Equipment Involved in Ignition

Heating, ventilation and air conditioning, other
Electric heater with fan

Brand | Serial Number
Model | Year

F_2 Equipment Power

Electrical line voltage (>= 50 volts)

F_3 Equipment Portability

Portable

G Fire Suppression Factors

1. Attic undivided

H Mobile Property Involved

NFIRS-3 Structure

I_1 Structure Type

Enclosed building

I_2 Structure Status

In normal use

I_3 Building Height

1 story above grade
# of stories below not entered

I_4 Main Floor Size

500 total square feet

J_1 Fire Origin

1 story above

J_2 Fire Spread

Confined to building of origin

J_3 Number of stories damaged by flame

1 story with heavy damage

K Material Contributing Most to Flame Spread

Item Structural component or finish, other

Type Sawn wood, including all finished lumber

L_1 Presence of Detectors

None present

M_1 Presence of Automatic Extinquishment System

None Present

Redaction Log

Reason	Page (# of occurrences)	Description
Personal Identifying Information	**1** (2)	Government Code section 6255 [personal identifying information]
Personnel, Medical or Similar Files	**2** (1)	Government Code section 6254(c)[personnel, medical or similar files]

APPENDIX C

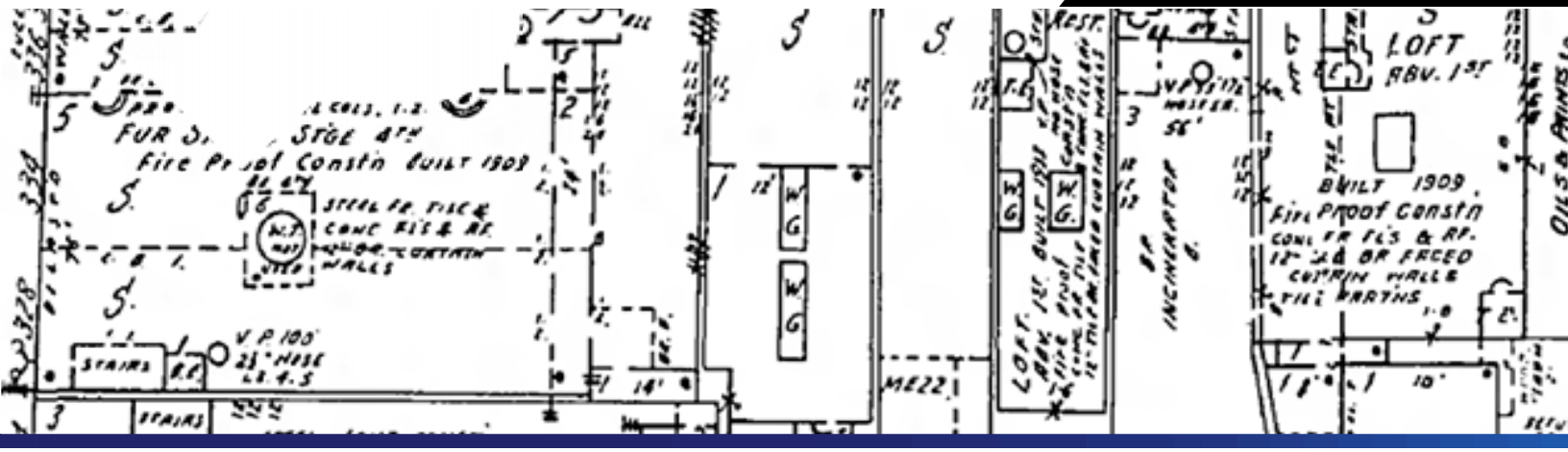
FIRE INSURANCE MAPS
CITY DIRECTORIES
REGULATORY AGENCY DATABASES

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

Hybrid Fire Insurance Map

REPORT RESULTS



Report Results for:

Jen Moser
GEM Group, Inc.
967 Kendall Drive
San Bernardino, CA 92407
2104761549 FIM

Site Information:

3000-3008 Shattuck Avenue
Berkeley, CA 94705

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #: **22-14819**
Address: **3000-3008 Shattuck Avenue**
City, State Zip: **Berkeley, CA 94705**

ERS Order #:

2104761549 FIM

Prepared For:

Name: **Jen Moser**
Company: **GEM Group, Inc.**
Address: **967 Kendall Drive**
City, State Zip: **San Bernardino, CA 92407**

Date:

March 9, 2022

Prepared By:

Name: **Daniel Johnson**
Phone #: **(714) 669-8096 Ext. 1002**

EXECUTIVE SUMMARY

Years researched covering your site or adjacent sites:

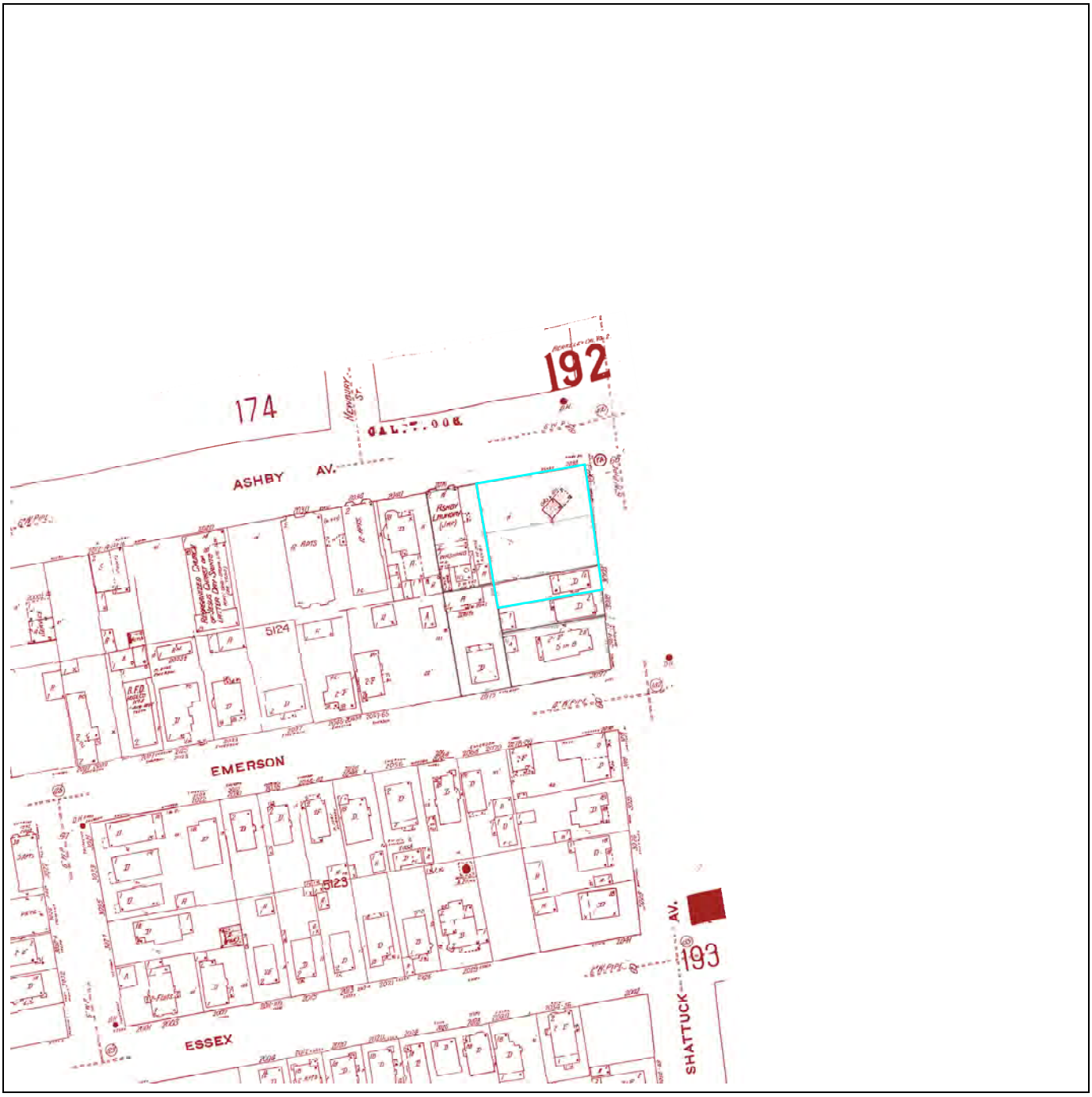
1950	**1911**			

Years researched NOT covering your site or adjacent sites:

1894				

ERS's Hybrid Fire Insurance Map represents a combination of a Fire Insurance Map directly overlaid and imbedded into a current parcel map of the subject property and all nearby and adjacent sites (usually at least a block surrounding the subject property). The Hybrid Fire Insurance Map is a sophisticated tool for Environmental Professionals, thereby saving them time and increasing their accuracy. Note: Due to COVID-19, Fire Insurance Maps after 1950, if they exist, may not be reasonably ascertainable.

ERS's research has been limited to the facts presented on fire insurance maps only. All terms, conditions, and limitations normally associated with work contracted by ERS and presented or associated with the fire insurance maps are in effect at all times. This Hybrid Map, all its information and content have been derived, reconfigured and reformatted (creating an entirely new map) from and relies upon fire insurance maps originally published by The Sanborn Map Company or other publishers and local agency parcel maps. "Digital Sanborn Maps, 1867-1970" is owned by ProQuest, LLC, licensed from Environmental Data Resources, Inc., and some are protected by copyright and other laws that recognize the rights of copyright holders. ERS's research has only been based on these maps; ERS did not perform any type of independent investigation of any type, including as to the accuracy and/or completeness of the information derived or otherwise obtained from the secondary source or sources including those maps received from the Library of Congress.

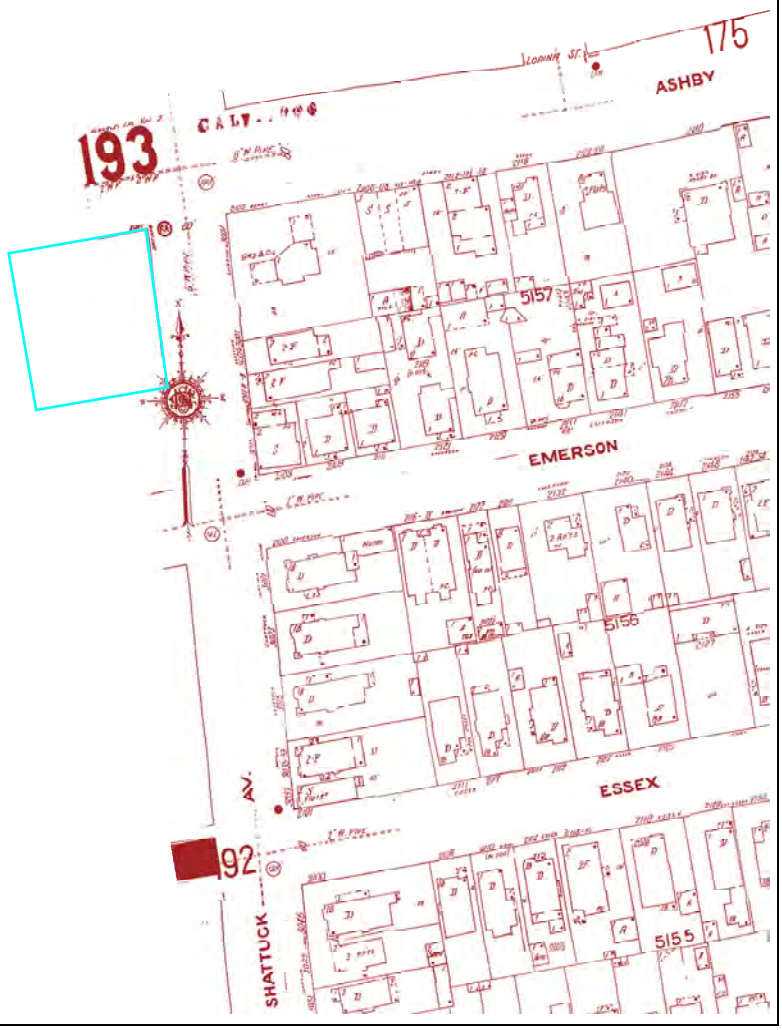


Site:	Year	1950
3000-3008 Shattuck Avenue	Volume	2
Berkeley, CA	Sheet	192 (Subject)

 ©2017

Site:	Year	1950
3000-3008 Shattuck Avenue	Volume	2
Berkeley, CA	Sheet	174 (North Adjacent)

©2017



Site:	Year	1950
3000-3008 Shattuck Avenue	Volume	2
Berkeley, CA	Sheet	193 (East Adjacent)

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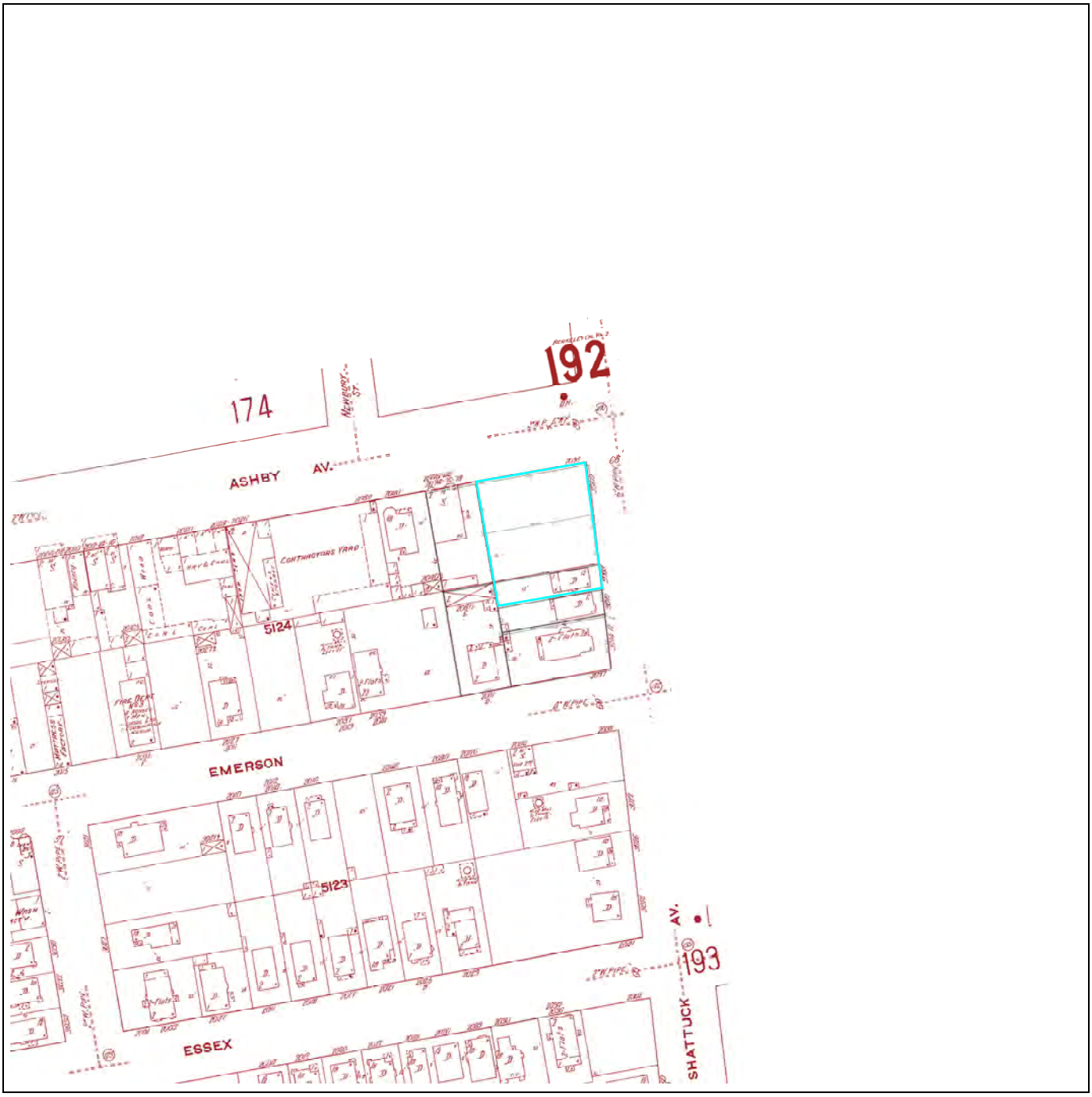

Site:	Year	1911
3000-3008 Shattuck Avenue	Volume	2
Berkeley, CA	Sheet	192 (Subject)

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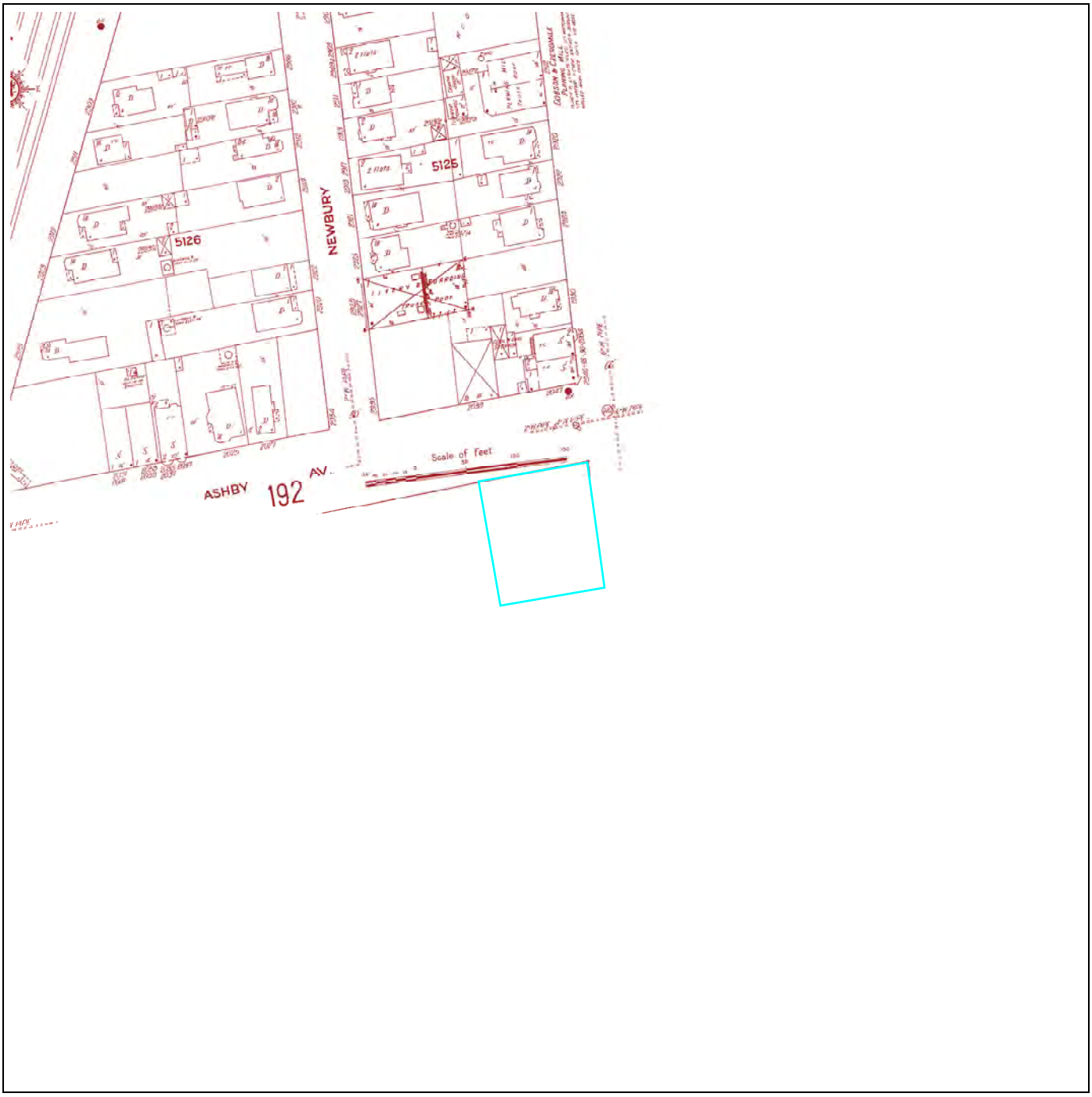

Site:	Year	1911
3000-3008 Shattuck Avenue	Volume	2
Berkeley, CA	Sheet	174 (North Adjacent)

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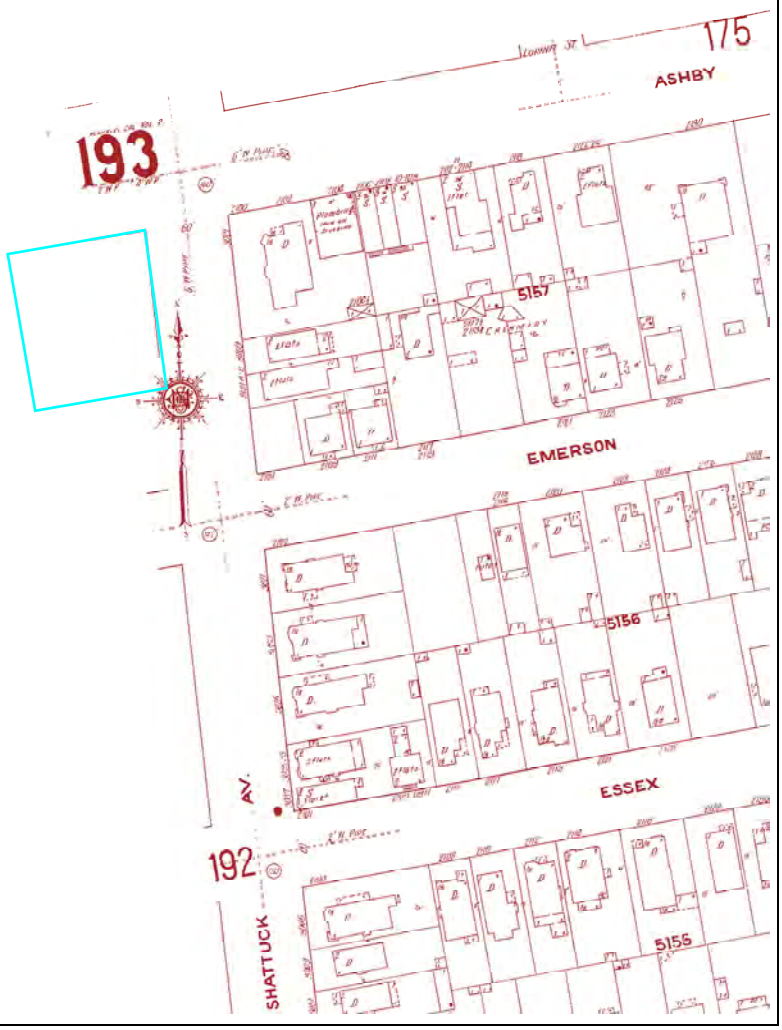
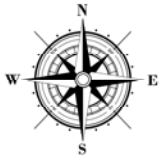


Site:	Year	1911
3000-3008 Shattuck Avenue	Volume	2
Berkeley, CA	Sheet	193 (East Adjacent)



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ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

City Directory Research

REPORT RESULTS

Report Results for:

Jen Moser
GEM Group, Inc.
967 Kendall Drive
San Bernardino, CA 92407
2104761549 CDA
March 9, 2022

Site Information:

3000-3008 Shattuck Avenue
Berkeley, CA 94705

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #: **22-14819**
Address: **3000-3008 Shattuck Avenue**
City, State Zip: **Berkeley, CA 94705**

ERS Order #:

2104761549 CDAL

Prepared For:

Name: **Jen Moser**
Company: **GEM Group, Inc.**
Address: **967 Kendall Drive**
City, State Zip: **San Bernardino, CA 92407**

Date:

March 9, 2022

Prepared By:

Name: **Daniel Johnson**
Phone #: **(714) 669-8096 Ext. 1002**

Enclosed are the results of our:

City Directory Research

Thank you for selecting ***Environmental Record Search***!

Included are the findings of our research of the subject site and immediate adjacent sites.

Streets Researched: (Subject) 3000-3008 Shattuck Avenue
(Adjacent) 2000 Block of Ashby Avenue

Years researched which did cover your site or adjacent sites:

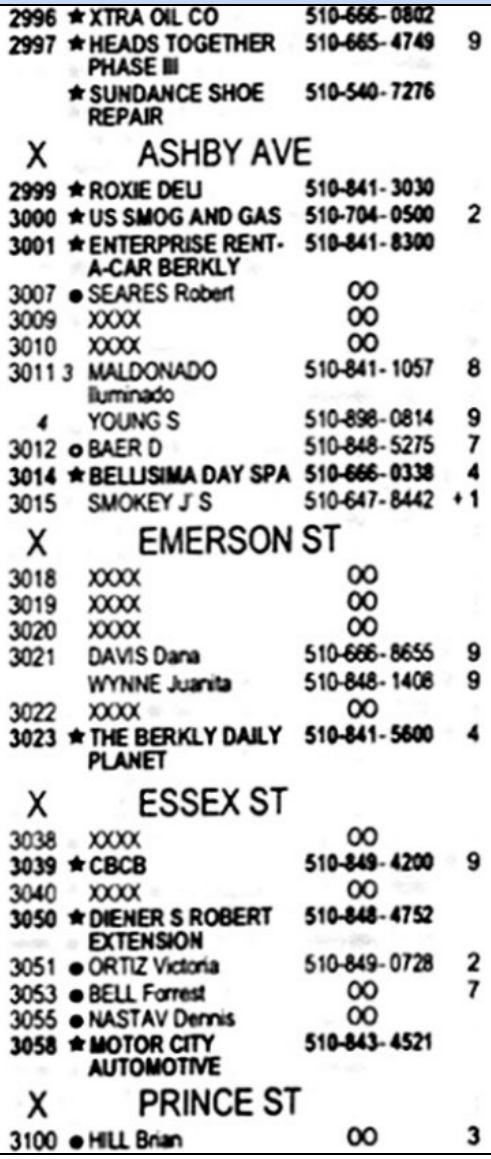
2011	**1997**	**1987**	**1977**	**1964**
1960	**1953**	**1943**	**1938**	

Years researched which did NOT cover your site, adjacent sites, or books not available:

Ashby Ave	**Image not available**	**1987**

ERS's research has been limited to the information presented in the reviewed city directories only. All terms, conditions, and limitations normally associated with work contracted by **ERS** and presented or associated with the city directories are in effect at all times. This letter summary, all its information, and content have been derived from and rely upon the reviewed city directories. **ERS's** research has only been based on these books; **ERS** did not perform any type of independent investigation of any type, including as to the accuracy and/or completeness of the information derived or otherwise obtained from the secondary source or sources.

Subject Street:	3000-3008 Shattuck Ave

Year	Description
2011	

2996 ★ XTRA OIL CO 510-666-0802
2997 ★ HEADS TOGETHER PHASE III 510-665-4749 9
★ SUNDANCE SHOE REPAIR 510-540-7276

X ASHBY AVE

2999 ★ ROXIE DELI 510-841-3030
3000 ★ US SMOG AND GAS 510-704-0500 2
3001 ★ ENTERPRISE RENT-A-CAR BERKLY 510-841-8300
3007 ● SEARES Robert OO
3009 XXXX OO
3010 XXXX OO
3011 3 MALDONADO Iluminado 510-841-1057 8
4 YOUNG S 510-898-0814 9
3012 ● BAER D 510-848-5275 7
3014 ★ BELLISIMA DAY SPA 510-666-0338 4
3015 SMOKEY J S 510-647-8442 +1

X EMERSON ST

3018 XXXX OO
3019 XXXX OO
3020 XXXX OO
3021 DAVIS Dana 510-666-8655 9
WYNNE Juanita 510-848-1408 9
3022 XXXX OO
3023 ★ THE BERKLY DAILY PLANET 510-841-5600 4

X ESSEX ST

3038 XXXX OO
3039 ★ CBCB 510-849-4200 9
3040 XXXX OO
3050 ★ DIENER S ROBERT EXTENSION 510-848-4752
3051 ● ORTIZ Victoria 510-849-0728 2
3053 ● BELL Forrest OO 7
3055 ● NASTAV Dennis OO
3058 ★ MOTOR CITY AUTOMOTIVE 510-843-4521

X PRINCE ST

3100 ● HILL Brian OO 3

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Subject Street:	3000-3008 Shattuck Ave

1997

2996	★ UNITD SHELL	548-3178	6
2997	★ SUNDANCE SHOE RPR	540-7276	
2999	★ ROXIE FOOD CENTER	841-3030	
3000	★ ANANDS ARCO&MARKET	841-3414	9
	★ SMOG PROS	841-3414	2
3001	★ ENTERPRISE RENT CAR	841-8300	
3007	XXXX	OO	
3010	• MONDINO Bert	OO	5
3011	XXXX	OO	
3012	CHUKWUDEBE A	845-7714	+7
	★ ENGLISH TRAINING CT	540-5532	5
	STEWART Toby	486-0387	5
3014	XXXX	OO	
3015	★ OMNIVORE	848-4346	
3018	DELGADILLO R	849-9248	6
3019	★ DONS HEADQUARTERS	540-9115	0
3020	VARGAS Chavez Jose	849-9016	4
3021	XXXX	OO	
3022	XXXX	OO	
3023	★ WOMENS CANCER INFO	548-9272	6
	★ WOMENS CANCER RSRC	548-9286	4
3024	XXXX	OO	
3026	ADAMS Stephen	845-3540	0
	GROSSBERG Marc	843-6152	5
	SIGMAN Thomas L	548-0993	+7
3028	ECKBER Jeffrey N	845-9376	
3038	XXXX	OO	
3039	★ BROTHERS LIQUOR	849-4464	2
3045	XXXX	OO	
3048	XXXX	OO	
3049	XXXX	OO	
3050	★ BARKIN RONALD ATTY	848-4752	
	★ CHANIN JAMES B ATTY	848-4752	
	★ DIENER S ROBT ATTY	848-4752	
	★ HOUK JULIE M ATTY	848-4752	
	★ KAPLAN JANE ATTY	848-4752	
3051	• RAMIREZ I hard	OO	5
	WALLEN J	841-1960	
	WALLEN S	841-1960	
3053	BARKER Jane	841-2448	+7
	• DONNELLY Robert	OO	5
	SILBERMAN Ed	644-1875	+7
3054	XXXX	OO	
3055	XXXX	OO	
3058	★ MOTOR CITY AUTOMOTIVE	843-4521	+7
3100	XXXX	OO	
3101	★ STARRY PLOUGH PUB	841-2062	

Subject Street:	3000-3008 Shattuck Ave

1987

2996	★SHATTUCK SHELL	549-9334 +7
2997	★SUNDANCE SHOE RPR	540-7276 6
2999	★ROXIE FOOD CENTER	841-3030 +7
3000	★M P&G TUNE UP CNTR	841-3414 +7
	★SHALOOS ARCO	841-3414 4
3001	★ENTERPRISE RENT CAR	841-8300 2
3007	BURKHARD ERIC E	540-8952 2
	★FRIENDLY GARDENS	486-8772 +7
3009	PIERCE KENNY	843-5409 3
	SEARS ROBERT	849-2671 3
3010	★MAZER MARC S ATTY	843-5300 +7
	★OBRIEN&WILSON ASC	845-4353 1
3011	BROWN MICHAEL	845-5706 +7
	LUCKY LII	548-2840 6
	MARETICH MICHAEL	845-5706 5
3012	ENSCOE LAWRENCE	548-9384
	ENSCOE MARGARET	548-9384 6
	JANSSEN BRENDA	540-6697
	JANSSEN JEFF	540-6697 6
3014	★BERKLY GRAPHIC SYST	540-5435 +7
	DUNIFER STEPHEN	644-1930 +7
	★MICRO SYS TRBLSHTRS	540-5435 +7
3015	★OMNIVORE	848-4346 8
3018	★BADGER THE	848-1570 5
	★CUPOLO ANN	848-1570 5
3019	★COOKS BARBER SHOP	540-9115 2
3020	XXXX	00
3021	XXXX	00
3022	BABBIE CINDY	849-4398 6
	JAMISON S	849-4398 5
3023	★BOBS TELEVISION	845-8151
	★R C O PRINTING	548-5426 +7
	★SUGIMOTO BOB	845-8151
3024	JOHN MILAN	841-2850 +7
3025	★GREATR DMN AUTO RPR	540-7036 6
	★ROBERTSON CSTM PRNT	548-5426
	★ROBERTSON PRINTING	548-5426
3026	DUKOVIC JOHN O	841-7049 3
	SOTOLAR IVO	549-0662 +7
3028	ECKBER JEFFREY N	845-9376 3
3038	XXXX	00
3039	★JACKSONS LIQUOR MRT	843-7746
3045	WARWICK HOWARD	540-5588
3048	XXXX	00
3049	FLORIN WM A	845-8960 3
3050	★BARKIN RONALD ATTY	848-4752 0
	★CHANIN JAS B ATTY	848-4752 +7
	★DIENER S R ATTY	848-4752 0
	★HILL DAVID	848-4752 2
	★KAPLAN JANE	848-4752 3
	★LEMMON MARY MD	540-8294 3
	★LYLE NORRIS B ATTY	848-4752 1
	★PARKS WILLIAM I	848-4752 1
	★SANDLER D J ATTY	848-4752 +7
3051	BOGIN W P	548-8765 5
	CHANDLER T N	548-8765 3
	KANE SCOTT	548-8765 2
3053	PASCAL SYLVIA	548-2237 +7
3054	XXXX	00
3055	XXXX	00
3058	★MOTOR CITY AUTO	843-4521 2
3100	XXXX	00
3101	★STARRY PLOUGH PUB	841-2082 8

Subject Street:	3000-3008 Shattuck Ave
1977	2995 XXXX 00 2996*SIMAS BROS SS NO 7 845-9598 3 2999*AMBROSIA CHEESE 841-3393+7 *WHOLLY FOODS 841-3393 3000*LEES ARCO SALE&SERV848-9315+7 3001*WILLIES FISH&CHCKN 845-9615 6 3007 XXXX 00 3009 LUCHION BENET 849-4778+7 3010 KEANE THOS 845-8622 6 3011 HOLTMAN HENRICUS 841-3816+7 WEINMAN HARVEY 549-3865 6 3012 DICKENSON M 845-6404+7 SNOW DYLAN 845-8428+7 3014 COBLE RON 849-3698+7 3015 MA GOODNESS 845-9223 6 3018 XXXX 00 3019*COOKS BARBER SHOP 845-9157 2 3020 TINNEY MARY 843-4574 6 3021 BEACHAM JAS W 843-5039 COOK FRANK C 848-2949 3022 LEE KELLY 655-8767 6 3023*BOBS TELEVISION 845-8151 *SUGIMOTO BOB 845-8151 3025 XXXX 00 3028 DEVILLE V 849-0313 6 3038 ROSS ALTHEA E 845-1721 3039*JACKSONS LQR MART 843-7746 5 3045 XXXX 00 3048 MITCHELL OLLIE MAE 848-8087 3049 ROSENFIELD JIM 843-6821 5 3050 HANDEL D L 843-9988+7 3051 PARKINSON JOHN A SR845-0416 4 3053 PORTIES ETHEL 843-1470 4 3054 XXXX 00 3055 LENCHNER ERIC 549-2857 6 SCHWARTZ DAVID 549-2857 6 WISMAN TONIA 549-2857 6 3058*CHARLIES GARAGE 849-0859 6 *MOTOR CITY AUTOMOTV843-4521 4 *STAR BATTERY 845-4768 4 3100 HENSHAW GINA 845-7185 6 3105*LAPENA CULTURAL CTR849-2568+7 3109A*HOOPER&SCHMIDT 843-3213 2

Subject Street:	3000-3008 Shattuck Ave
1964	2993 STITT S A 843-7850 2995 VICS BARBER SHOP 841-2828 2996 SIMAS BROS SVC STNS 845-9598 X ASHBY AVE 3000 HAVENS S SVC STN 845-2648 3001 SISLER B CHEVRON SVC 845-9253 3008 ASSOCIATED BROKERS 841-0530 3008 HINES L D 841-9778 3008 HINES L P CO 845-6597 3010 LEHMAN S M 841-0312 3011 ROBERTS M 849-4003 3011 LARSON J H 849-4148 3011 MALAKOFF E R 845-4584 3011 NOHRENBERG LOIS 849-2945 3012 BIRHOLTZ A 843-0982 3014 CAMP E F 843-1317 3015 BAY CITIES RENTAL SVC 848-3334 3018 SMITH H H 845-2613 3019 COOKS BARBER SHOP 845-9242 3021 COOK F C 848-2949 3021 MC COY L 849-1924 3021 LOCHE H 845-3547 3022 PARKER M 849-1440 3023 BOBS TELEVISON 845-8151 3025 SCHOOL TESTING SVC 841-4513 3026 EMERSON BETTS 843-8965 X EMERSON ST 3028 RAMSEY K REALTY 849-2822 3038 ROSS ALTHEA E 845-1721 3039 SHATTUCK LIQUOR STORE 848-7129 3045 TRI CITY ELECTRIC 841-3814 3048 MITCHELL OLLIE M 848-8087 3049 SCHOENFELDER EVA 845-1682 X ESSEX ST 3051 PARKINSON J A SR 845-0416 3055 JANIS M 841-7180 3058 SHATTUCK AVE CAR WASH 843-7012 3058 CAR CARE 845-5033 3058 GIBBONS SERVICE 845-9514 3058 POWELL TIRE SERVICE 848-7778 X PRINCE ST 3105 COURTNEYS HARDWARE 843-1688 3106 MOORE B B MD 841-3523
1960	2993 STITT S A TH3-7850 2998 SIMAS BROS SVC STNS TH5-9598 2999 SHOP N SAVE MARKET TH5-9395 3001 SISLER B CHEVRON SVC TH5-9253 3007 VICHULES L D TH8-9198 3008 HINES L P CO TH5-6597 3008 SPENCER MYRTLE TH3-9119 3009 KLEIN J F TH1-5584 3010 LEHMAN S M TH5-5458 3011 BERTRAM B W TH3-5889 3011 HARGREAVES PAULINE E TH3-2629 3011 HARRAL M TH1-1786 3011 HOLMER R T TH3-1168 3014 CAMP E F TH3-1317 3014 EXPERT TREE SVC CO TH5-6272 3015 BAY CITIES RENTAL SVC TH8-3334 3018 SMITH H H TH5-2613 3020 DREYER ANN K TH3-8609 3021 COOK F C TH8-2949 3021 MAY C TH1-2978 3021 LOCHE H TH5-3547 3023 BOBS TELEVISION TH5-8151 3025 BAY AREA HEALTH STUDY TH8-5441 3025 NWOKEUKU A A DR TH8-5441 3025½ ZANDIEH F TH3-6739 3026 EMERSON R W TH3-8965 3038 ROSS ALTHEA E TH5-1721 3039 SHATTUCK LIQUOR STORE TH8-7129 3040 ENTELMAN A R SR TH1-2721 3045 ROSS INSTRUMENT INC TH1-2011 3049 MIRAMONTE H TH3-8330 3051 PARKINSON J A SR TH5-0416 3053 SPURWAY E H TH3-4374 3054 BYERS HAP PHOTOGRAPHY TH8-5545 3054 BYERS H TH1-3161 3055 JANIS M TH1-7180 3058 THORNBURYS SERVICE TH5-9514 3058 CAR CARE TH5-5033 3101 TOPPER THE TH3-5321 3102 PETERSON N J REV TH8-8660 3105 JORANGER HARDWARE TH3-1688

Subject Street:	3000-3008 Shattuck Ave
1953	2973 Shattuck Launderette.....TH 3-9973 2996 Norwalk Service Station.....TH 3-4480 2999 Shop 'N Save Market.....BE 7-8530 ASHBY AVE 3000 Signal Service Stations.....BE 7-8790 3001 Standard Stations Inc Shattuck & Ashby Sta.....BE 7-9253 3007 Booleman Barbara H.....BE 7-5193 3007 Newell Barbara H.....BE 7-5193 3008 Cato Grace.....BE 7-5542 3008 Perry S Frederick.....BE 7-5458-J 3010 Lehman S M r.....BE 7-5458-W 3011 Lange Geneva.....TH 3-4938 3011 Ruger T W r.....BE 7-3568-J 3014 Alexander & Alexander Signs....TH 3-1447 3014 Alexander Dorsey P.....TH 3-1447 3014 Camp E F r.....TH 3-1317 3014 Coley Lloyd.....BE 7-4000-W 3015 Bay Cities Ambulance Co Berkeley Ofc.....AS 3-3334 3015 Harrison's Rental Service.....AS 3-3334 3018 Hogue Walter R.....TH 3-9915 3020 Dreyer Ann K Miss.....TH 3-8609 3021 Kelly Donald L.....BE 7-5593-W 3021 McVicar Melvin G r.....TH 3-8121 3022 Talbot Louis H.....TH 3-6512 3023 Robinson Harold.....TH 3-7601 3023 Robinson's Catering Service.....TH 3-0258 3025 Farris R P & Co pub accts.....TH 3-1537 3025½ Franke A K.....TH 1-2967 3026 Brown Wm r.....TH 3-0213 3033 Wright Fred.....AS 3-8530 3035 Crosser M D H r.....AS 3-1452 EMERSON ST 3039 Shattuck Liquor Store.....AS 3-7129 3040 Entelman A R Sr.....TH 1-2721 3045 Casey J M Mrs.....AS 3-9168 3048 Hall Kenneth E.....BE 7-0283-M 3049 Danault Iola C.....BE 7-0416-J 3049 Lavengood Harry C.....AS 3-8807 3049 Miramonte Henry r.....BE 7-4282-W 3050 Spargur Chas R Mrs.....TH 3-1123 ESSEX ST 3051 Parkinson John A r.....BE 7-0416-W 3053 Spurway E H r.....TH 3-4374 3054 Serv-A-Station.....TH 3-9937 3055 Clive P.....TH 3-2821 3058 Car-Care.....BE 7-5033 PRINCE ST —— Powell Ray W Tire Service.....BE 7-8932 —— Thornbury's Service.....BE 7-8932 3100 Johnson Ida V r.....BE 7-4837-J 3101 Topper Club rstrnt.....TH 3-5321
1943	2929 White Swan Clnrs.....AS-2744 2930 Riddell Frances Mrs r.....TH-1581 2993 Stemm A T r.....TH-3828 ASHBY AVE 3001 Standard Stations Inc Shattuck & Ashby Sta.....★BE-9253 3008 Hughes Gladys A r.....BE-2039-R 3010 Lehman S M r.....BE-5458-W 3011 Reber Otto F r.....TH-8568 3014 Walters T P Mrs r.....TH-2588 3015 Ant Lak Service Co.....AS-6840 3015 Armstrong Eugene H r.....BE-0789 3015 Gring Iricide & Pest Control.....BE-0789 3020 Dreyer W F r.....TH-2191 3021 St Mars Emily Mrs r.....TH-4716 3023 Carlson J S r.....TH-2782 3026 Brown Wm r.....TH-0213 3033 Blankenship Eathele Phillips Mrs r.TH-1377 3039 Shattuck Liquor Store.....AS-7129 3045 Rose Galen Lee Rev r.....TH-1161 3048 Sullivan Harry r.....BE-6465-J 3049 Miramonte Henry r.....BE-4282-W EMERSON ST 3051 Parkinson John A r.....BE-0416-W 3053 Simpson Julia P r.....BE-3586-J 3055 Charlton Alec B r.....BE-0416-J 3058 Hannon Machine Works.....TH-1412 PRINCE ST —— Roys Auto Wash.....★BE-8932 —— Shattuck Prince Super Service....★BE-8932 —— Thornbury Carl R.....★BE-8932 —— Wiley Clarence L.....★BE-8932 3102 Martin Gladys Mrs r.....BE-2024-W 3103 Bear Den The buffet.....★BE-9028

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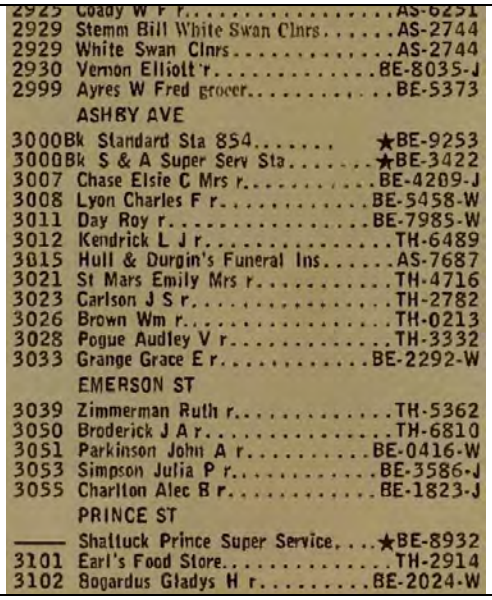
Subject Street:	3000-3008 Shattuck Ave
1938	

2925 Coady W F r.....AS-6251
2929 Stemm Bill White Swan Clnrs.....AS-2744
2929 White Swan Clnrs.....AS-2744
2930 Vernon Elliott r.....BE-8035-J
2999 Ayres W Fred grocer.....BE-5373

ASHBY AVE

3000Bk Standard Sta 854.....★BE-9253
3000Bk S & A Super Serv Sta.....★BE-3422
3007 Chase Elsie C Mrs r.....BE-4209-J
3008 Lyon Charles F r.....BE-5458-W
3011 Day Roy r.....BE-7985-W
3012 Kendrick L J r.....TH-6489
3015 Hull & Durgin's Funeral Ins.....AS-7687
3021 St Mars Emily Mrs r.....TH-4716
3023 Carlson J S r.....TH-2782
3026 Brown Wm r.....TH-0213
3028 Pogue Audley V r.....TH-3332
3033 Grange Grace E r.....BE-2292-W

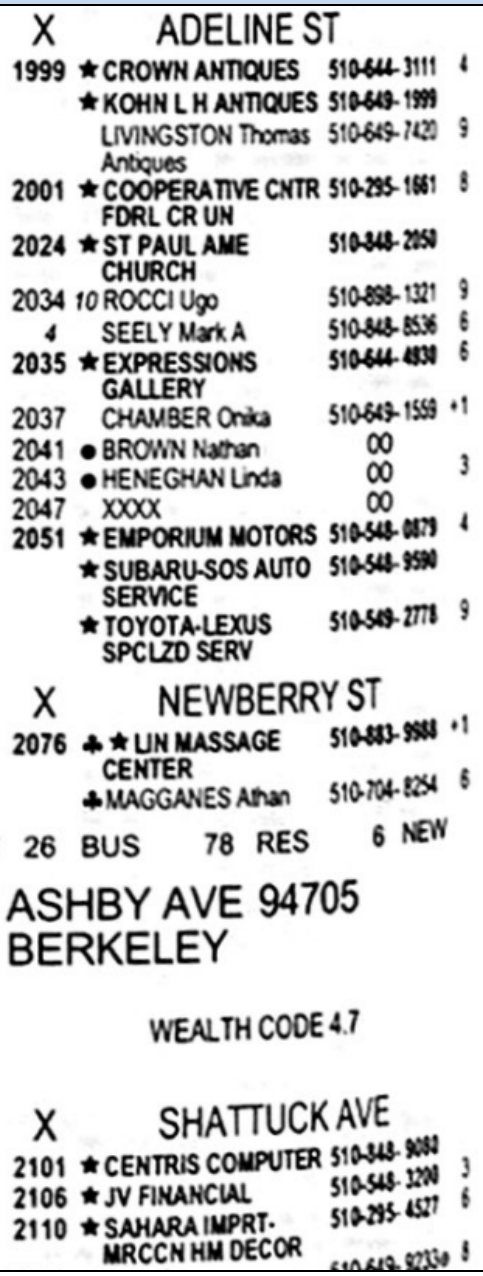
EMERSON ST

3039 Zimmerman Ruth r.....TH-5362
3050 Broderick J A r.....TH-6810
3051 Parkinson John A r.....BE-0416-W
3053 Simpson Julia P r.....BE-3586-J
3055 Charlton Alec B r.....BE-1823-J

PRINCE ST

—— Shattuck Prince Super Service.....★BE-8932
3101 Earl's Food Store.....TH-2914
3102 Bogardus Gladys H r.....BE-2024-W

Adjacent Street:	2000 Block of Ashby Ave

Year	Description
2011	

X ADELINE ST

1999 ★ CROWN ANTIQUES 510-644-3111 4
★ KOHN L H ANTIQUES 510-649-1999
LIVINGSTON Thomas Antiques 510-649-7420 9
2001 ★ COOPERATIVE CNTR FDRL CR UN 510-295-1661 8
2024 ★ ST PAUL AME CHURCH 510-848-2050
2034 10 ROCCI Ugo 510-898-1321 9
4 SEELY Mark A 510-848-8536 6
2035 ★ EXPRESSIONS GALLERY 510-644-4838 6
2037 CHAMBER Onika 510-649-1559 +1
2041 ● BROWN Nathan 00
2043 ● HENEGHAN Linda 00 3
2047 XXXX 00
2051 ★ EMPORIUM MOTORS 510-548-0879 4
★ SUBARU-SOS AUTO SERVICE 510-548-9590
★ TOYOTA-LEXUS SPCLZD SERV 510-549-2778 9

X NEWBERRY ST

2076 ♣ ★ LIN MASSAGE CENTER 510-883-9988 +1
♣ MAGGANES Athan 510-704-8254 6

26 BUS 78 RES 6 NEW

ASHBY AVE 94705
BERKELEY

WEALTH CODE 4.7

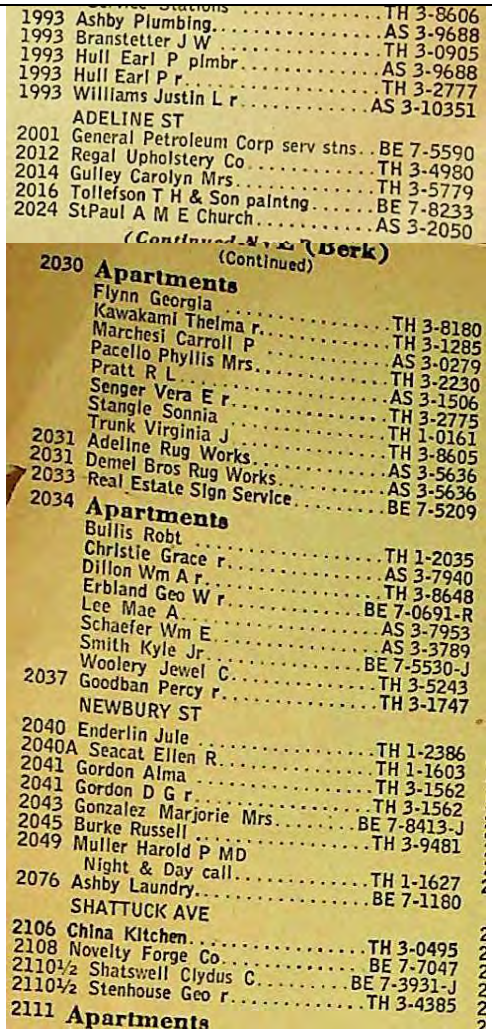
X SHATTUCK AVE

2101 ★ CENTRIS COMPUTER 510-848-9080 3
2106 ★ JV FINANCIAL 510-548-3200 6
2110 ★ SAHARA IMPRT-MRCCN HM DECOR 510-295-4527

Adjacent Street:	2000 Block of Ashby Ave
1997	1989 ★VONHEMERT ANTIQUES 548-1327 1993 GERMANY Geo P 548-6307 ROHRER C 845-4549 9 SITER Harry L 548-6291 1999 ★HUDSON ANTIQUES 548-4916 2001 ★BANK AM CSTMR SERV 649-6600 6 2014 XXXX OO 2016 XXXX OO 2024 ★ST PAUL AFRCN METH 848-2050 ★ST PAUL AFRCN METH 848-6672 5 2030 KOU Larry Long 845-6236 3 2034 NOON M 843-7455 SUAREZ Pablo 841-4368 +7 2035 XXXX OO 2037 XXXX OO 2040 ★FAULKNER'S CRUSTY WHEEL 845-6355 +7 FORREST S 548-5489 +7 2041 ★BROWNS UNIQUE ANTQS 548-1818 6 2043 XXXX OO 2047 ★SUCCESS BARBERSHOP 849-0550 4 2049 XXXX OO 2051 ★ASHBY AUTO TECH 548-0575 +7 ★EMPORIUM MOTORS 548-0878 ★JEEP SOS AUTO SV 548-9590 6 ★MAZDA SOS AUTO SERV 548-9590 6 ★S O S AUTO SERVICE 548-9590 ★SUBARU SOS AUTO SV 548-9590 6 ★VOLVOSOS AUTO SERVICE 548-9590 6 2076 XXXX OO 2080 XXXX OO ZIP CODE 94705 WEALTH CODE 5.1 2101 ★A LA CARTE TOURS 548-1126 6 2103 XXXX OO 2105 ★A B C TAX 548-2808 +7 ★ASHBY BUSINESS CTR 548-2808 1
1987	Image not available

Adjacent Street:	2000 Block of Ashby Ave
1977	1989*VONHEMERT ANTIQUES 548-1327 3 1993 FUNKHOUSER G 848-8676 4 GERMANY GEO P 548-6307+7 HENDERSON BILL 845-4674 1999*HUDSON ANTIQUES 848-4916 2001*BANK OF AM CHKG&SVG 273-5546 6 *BANK OF AM LN DEPT 273-5545 3 2012 XXXX OO 2016*SMALL T ANTIQUES 849-4656 3 2024*STPAUL A M E CETA 848-9561+7 *STPAUL AFRCN METH 848-2050+7 2030 KEELER L NELSON 841-4520 5 LACOUTURE H 848-2539+7 SWALL L SCOTT 841-4561 6 TESSICINI C T 848-8711 6 2034....APARTMENTS BEKERMAN MARK 843-8218+7 CLARK J B 845-3030+7 GERSZEWSKI RUTH 849-1908+7 11 GUSS FRANK 848-7391 5 LANCASTER T 843-2606+7 MORGAN GARY 845-3001+7 MORINELLI E 548-1583+7 RIVAMONTE CARLISA 841-9250+7 1 SHEBAR GERALD 843-4974 5 SWEENEY M 849-2340+7 2034..... 2035 SANDERS JEFF L 845-7640 *SANDERS&ASSOCIATES 845-7640 5 2037 GRADY DEANNA 848-6847 2040A HOLLANDS DAVID 843-6534 6 B CROCKER J 841-0295+7 2041 GORDON ALMA 843-1562 GORDON D G 843-1562 HERSCHER M 845-8208+7 WELCH ALLEEN 841-0482 2043 HORSTING BARBARA A 848-8611 6 2045 CALEF OTIS 848-3765 4 2047 XXXX OO 2049 XXXX OO 2076*ASHBY LAUNDRY 845-1180 GOELITZ A 849-1097+7 ZIP CODE 94705 2103 JOHNSON IOLA 843-8605 2106*KNOT NEW SHOP THE 548-6449+7 2108 XXXX OO

Adjacent Street:	2000 Block of Ashby Ave
1964	2000 BEACON SVC STN NO 384 848-9468 2000 CAMINOL CO BEACON GAS 849-1272 2001 MOBIL SVC STN DLRS 845-9308 2012 CHINA KITCHEN 843-0495 2014 BERK E 841-2161 2014A MOSS M E C 841-3207 2016 HODGE MATHILDE ANTQUE 841-9633 2016 DEMEL RUG WORKS 848-5636 2024 ST PAUL A M E CHURCH 848-2050 2030 FERGUSON VERA L 845-4824 2030 HOLCOMB D N 841-6603 2030 PASSAVANT H 849-2835 2031 MONSEN PLATING 841-6020 2033 REAL ESTATE SIGN SERV 845-5209 2034 TOLLEFSON T 843-0908 2034 RANDOLPH O 845-3046 2034 PEZZY JOANNE 849-4665 2034 WATTS H G JR 848-2883 2034 MILNE H G 845-0814 X NEWBURY ST 2035 LA MAISON DE COIFFURE 848-9217 2037 THOMAS VERNA L 841-8555 2037 JOHNSON T 848-3965 2040A REYNOLDS R E 848-2877 2041 WELCH ALLEEN 841-0482 2041 GORDON D G 843-1562 2043 NEASHAM E R 841-8077 2045 KEPNER G R 843-7899 2047 WASSERMAN & ASSOC 843-7765 2049 FRANKLIN REALTY 845-1756 2076 ASHBY LAUNDRY 845-1180 X SHATTUCK AVE 2103 JOHNSON IOLA 843-8605 2106 NICKS BEAUTY SALON 845-1966 2110 CHEF MANDELS BAR B Q 849-0084
1960	1993 HULL EARL P TH3-2777 1993 FUNKHOUSER GERTRUDE TH8-8676 1993 HENDERSON B TH5-4674 2000 BEACON SVC STN NO 384 TH1-3636 2001 MOBIL SVC STN DLRS TH5-9308 2012 CHINA KITCHEN TH3-0495 2016 HEIM BROS TH5-5334 2016 TOLLEFSON PAINT STORE TH5-8233 2024 ST PAUL A M E CHURCH TH8-2050 2030 SENGER VERA E TH3-2775 2030 ELLIS HELEN TH3-2221 2031 DEMEL RUG WORKS TH8-5636 2033 REAL ESTATE SIGN SERV TH5-5209 2034 PARTCH J P TH8-7578 2034 BRENTAMI G TH8-8895 2034 ROGERS G M TH3-2843 2034 TUCKER C T TH8-8465 2034 MILNE H G TH5-0814 2040 PEARSON D TH3-9559 2040 HOFFMAN E M MRS TH8-4149 2041 GORDON D G TH3-1562 2043 MERRILL W C TH1-3759 2045 PLOTNICOV MIRIAM TH3-2601 2047 WASSERMAN & ASSOC TH3-7765 2049 SHATTUCK REALTY CO TH3-6525 2076 ASHBY LAUNDRY TH5-1180 2103 JOHNSON IOLA TH3-8605 2106 GUILD LAMPS & SHADES TH3-1721 2110½ CHAN HELEN TH5-2840 2110½ RHODES A TH1-0579 2110½ KOBAYASHI K TH3-0236 2111 CAPPANNINI D A TH3-3851 2111 STODDARD D TH1-6248

Adjacent Street:	2000 Block of Ashby Ave
1953	

1993 Ashby Plumbing.....TH 3-8606
1993 Branstetter J W.....AS 3-9688
1993 Hull Earl P plmbr.....TH 3-0905
1993 Hull Earl P r.....AS 3-9688
1993 Williams Justin L r.....TH 3-2777
ADELINE ST
2001 General Petroleum Corp serv stns..AS 3-10351
2012 Regal Upholstery Co.....BE 7-5590
2014 Gulley Carolyn Mrs.....TH 3-4980
2016 Tollefson T H & Son paintng.....TH 3-5779
2024 StPaul A M E Church.....BE 7-8233
(Continued-N...s (Berk)
(Continued)
2030 **Apartments**
Flynn Georgia.....AS 3-3100
Kawakami Thelma r.....TH 3-8180
Marchesi Carroll P.....TH 3-1285
Pacello Phyllis Mrs.....AS 3-0279
Pratt R L.....TH 3-2230
Senger Vera E r.....AS 3-1506
Stangle Sonnia.....TH 3-2775
Trunk Virginia J.....TH 1-0161
2031 Adeline Rug Works.....TH 3-8605
2031 Demel Bros Rug Works.....AS 3-5636
2033 Real Estate Sign Service.....AS 3-5636
2034 **Apartments**
Bullis Robt.....BE 7-5209
Christie Grace r.....TH 1-2035
Dillon Wm A r.....AS 3-7940
Erbland Geo W r.....TH 3-8648
Lee Mae A.....BE 7-0691-R
Schaefer Wm E.....AS 3-7953
Smith Kyle Jr.....AS 3-3789
Woolery Jewel C.....BE 7-5530-J
2037 Goodban Percy r.....TH 3-5243
NEWBURY ST
2040 Enderlin Jule.....TH 3-1747
2040A Seacat Ellen R.....TH 1-2386
2041 Gordon Alma.....TH 1-1603
2041 Gordon D G r.....TH 3-1562
2043 Gonzalez Marjorie Mrs.....TH 3-1562
2045 Burke Russell.....BE 7-8413-J
2049 Muller Harold P MD.....TH 3-9481
Night & Day call.....TH 1-1627
2076 Ashby Laundry.....BE 7-1180
SHATTUCK AVE
2106 China Kitchen.....TH 3-0495
2108 Novelty Forge Co.....BE 7-7047
2110½ Shatswell Clydus C.....BE 7-3931-J
2110½ Stenhouse Geo r.....TH 3-4385
2111 **Apartments**

Adjacent Street:	2000 Block of Ashby Ave
1943	1985 Tate Wilhelmina Mrs r.....TH-7958 1993 Hull Earl P r.....TH-2777 1993 Williams Justin L r.....AS-10351 ADELINE ST —— Gilmore Service Station.....★BE-8553 —— Texaco Service Stations.....★BE-2118 2014A Doty Norman r.....TH-9783 2030 **Apartments** Cain Eva J Mrs r.....BE-4274-W Huffman B Mrs r.....TH-5716 McSpadden B F r.....TH-7730 Pratt T N r.....TH-7499 Toomey William r.....BE-0691-M Zunser R Mrs r.....AS-9271 2030 .....Non Pub 2031 Parsons Automatic Scale Co.....TH-4188 2034 **Apartments** Dillon William H r.....TH-8648 Fleischer Janice A r.....AS-6323 Hogan Hugh R III r.....TH-8162 Lambert Doris W r.....TH-4401 Menges Albert C r.....TH-8208 Nelson Betty L r.....BE-0691-W Roeder C V r.....AS-2681 Schulster Max r.....TH-6266 Todd Harry W r.....TH-1020 2034 .....Non Pub 2037 Goodban Percy r.....TH-1747 NEWBURY ST 2040 Morris Earl E r.....TH-1815 2041 Morgan Margaret Wright r.....TH-2820 2049 Wilson Ernest E MD.....TH-7323 If no answer call.....BE-2132 2076 Ashby Chinese Laundry.....BE-1180 SHATTUCK AVE —— S & A Service Sta.....★BE-9011 —— Signal Serv Sta No 21-1.....★BE-8826 —— Todd Newton J.....★BE-9011 2103 Plummer J A r.....BE-6419 2105 Nogavica John Mrs r.....TH-7470 2110 Renner J L Mrs r.....BE-3846-R
1938	1985 Schultz Conrad r.....BE-6943-W 1989 Bimberg Gertrude Miss r.....BE-1154-J 1993 Fisher Geo M r.....BE-1154-R ADELINE ST 2000Bk Richfield Serv Sta No 727....★BE-9163 2012 Cray-Tech Co.....AS-1626 2012 String Thomas E.....AS-1626 2030 **Apartments** Connally Rose A Mrs r.....TH-5251 Gurnett Bernice r.....AS-4905 Hoeth J Mrs r.....TH-9520 Jennings Emery E r.....TH-7506 Wolf Hugo r.....TH-8293 Toomey William r.....BE-0691-M 2030 .....Non Pub 2031 Parsons Automatic Scale Co.....TH-4188 2033 Cardcraft Shop.....BE-5209 2033 Real Estate Sign Serv.....BE-5209 2034 Fahey James D r.....TH-7508 2034 Rissland W A r.....TH-2037 2034 Valentine L r.....BE-1332 2034 .....Non Pub 2034 .....Non Pub 2035 Tinsley Laboratories.....TH-6836 2037 Goodban Percy r.....TH-1747 2040 Akiyama J r.....BE-8035-R NEWBURY ST 2041 Morgan Margaret Wright r.....TH-2820 2049 Wilson Ernest E MD.....TH-7323 If no answer call.....BE-2132 2076 Ashby Laundry Co.....BE-1180 SHATTUCK AVE 2100Bk Signal Service Stations No 21-1.★BE-8826 2103 Steele Leola r.....TH-4892 2105 Becker Howard r.....BE-5784-W 2110 Kiles J W r.....BE-7551-M 2110½ Kaari Hilma r.....BE-0459-W 2111 **Apartments**

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RecCheck

Report Results

The Standard for ASTM/AAI Radius Searches
(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA All Appropriate Inquiry)

REPORT RESULTS

Site Location:

3000-3008 Shattuck Avenue
Berkeley, CA 94705
(N 37-51-18, W 122-16-0) NAD83

Client:

GEM Group, Inc.

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TABLE OF CONTENTS

EXECUTIVE SUMMARY 1
SUMMARY OF OCCURRENCES 3
POTENTIAL AREAS OF CONCERN/CONTAMINATION SUMMARY 27
DATABASE OCCURRENCE SUMMARY 27
SITE LOCATION TOPOGRAPHIC MAP 36
SITE LOCATION MAP 37
1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1) 38
0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2) 39
0.0625-MILE RADIUS STREET MAP W/ OCCURRENCES (MAP3) 40
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP4) 41
AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP5) 42
SUMMARY OF AGENCY DIFFERENCES 43
MAPPED AIR PERMITS WITH POTENTIAL DISPERSION (MAP6) 45
LISTED OCCURRENCE DETAILS 47
RECORDS SOURCES SEARCHED 240
UN-MAPPABLE OCCURRENCES 255
DISCLAIMER, LIMITS AND LIABILITIES 256

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	3000-3008 Shattuck Avenue Berkeley, CA 94705
Client Project Name/Number:	22-14819
Coordinates:	N 37-51-18, W 122-16-0 (NAD 83) 37.855115, -122.266784
Date of Report	March 10, 2022
ERS Project Number:	2104761549
Subject Site Listed on the following lists:	Multiple Agency Lists
Subject Site Listed as Map ID#:	Multiple Map IDs
USGS 7.5 Minute Quad Map:	Oakland West (Date Unavailable)
Subject Site Located within a Potential Area of Concern:	No
Township, Section and Range:	Township: 01S Range: 04W Section: 11 Baseline: Mt. Diablo
Site Elevation: **(feet above or below (-) mean sea level)**	144
Flood Zone: **(Digital Flood Insurance Rate Maps - DFIRMs)** **Only available digital data is provided**	Panel: 06001C0057G, Effective Date: 8/3/2009 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
Fire Insurance Map Coverage:	There may be coverage of your site.
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L) For zip code 94705: Number of tests per zip code: 6 Number of tests where radon is > 4 pCi/L: 0 Percentage of test where radon is > 4 pCi/L: 0.00% Other Information: Not Reported
Search Radius Expansion Size: **(In Miles)**	0

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Soil Type: **(USDA Soil Survey Geographic Database) (SSURGO)**	Map Unit Name: Urban land-Clear Lake complex Map Unit Type: Complex Drainage Class - Dominant Condition: Not Reported General Information: Fine, montmorillonitic, thermic Typic Pelloxererts Top 3 Map Unit Components are below (if available): Component Name: Marvin, Clear Lake, Urban land Component Percentage: 5%, 35%, 55% Hydric: Yes, Yes, No
Zip Codes Searched for "Un-Mappable" Sites:	Not Researched
Occurrence Count:	264

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SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3, 4	BAY AQMD-BA-111264 ARCO FACILITY #00414 - SHAZADA KHAN	3000 SHATTUCK AVE BERKELEY	Air-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	10195858 Berkeley Gas & Smog	3000 SHATTUCK AVE BERKELEY	CERS-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	10195858-BC Baskaran Subbiah	3000 Shattuck AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	Subject Site	N/A
1 Maps: 1, 2, 3, 4	10195858-ALA-BK Baskaran Subbiah	3000 Shattuck AVE Berkeley	City-UST-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	226362 U.S. Smog and Gas	3000 SHATTUCK AVENUE BERKELEY	CRSP-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	79434 Berkeley Gas & Smog	3000 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	227246 ARCO # 00414	3000 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	T10000004483 U.S. Smog and Gas	3000 Shattuck Avenue Berkeley	ENF-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	T0600100094 ARCO # 00414	3000 SHATTUCK AVE BERKELEY	ENF-CA	Listed	Subject Site	N/A

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3, 4	110065829946 US SMOG & GAS	3000 SHATTUCK AVE BERKELEY	FRS-US	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	110066138405 ARCO # 00414	3000 SHATTUCK AVE BERKELEY	FRS-US	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	123655624-BC US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	36548764-T10000004483 U.S. Smog and Gas	3000 Shattuck Avenue Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	55-ALA-BK US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	98896-ALA-BK BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	72CDA684-1346-BC US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	T0600100094 ARCO #0414	3000 SHATTUCK AVENUE & ASHBY BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	FA0001005-ALA-BK Berkeley Gas & Smog	3000 Shattuck AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	9D43DDF8-T0600100094 ARCO # 00414	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3, 4	CAL000226019 BP WEST COAST PRODUCTS LLC 0414	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	123654962-BC BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	CAC002792868 BANKRUPTCY ESTATE OF SHAHZADA KHAN	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	72CDA684-1347-BC US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	CAL000023651 ARCO PRODUCTS COMPANY	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	FA0000012-ALA-BK US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	CAL000136028 KHAN'S ARCO SMOG PROS	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	98897-BC BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	A0FF0C01-4617 ARCO - ANAND'S STATION #41	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	T0600100094 ARCO # 00414	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3, 4	90171-ALA-BK BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	99694-BC BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	4C551C90-T10000004483 U.S. Smog and Gas	3000 Shattuck Avenue Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	BBF69942-CAL000136028 KHAN'S ARCO SMOG PROS	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	99694-ALA-BK BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	FA0001005-BC Berkeley Gas & Smog	3000 Shattuck AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	100312-BC US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	98896-BC BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	553493 ARCO - ANAND'S STATION #41	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	90838-ALA-BK US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3, 4	72CDA684-1348-BC US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	FA0000012-BC US SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	1355-ALA-BK US SMOG & GAS	3000 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	8-ALA-BK BERKELEY GAS & SMOG	3000 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	7814635 KULTARAN ANAND&GOBIND SMOG 414	3000 SHATTUCK AVE BERKELEY	Hist-CalFID-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	929802 ARCO - ANAND'S STATION #41	3000 SHATTUCK AVE BERKELEY	Hist-City-UST-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	929802 ARCO	3000 SHATTUCK AVE BERKELEY	Hist-LUSTIS-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	8034-R2 ARCO # 00414	3000 SHATTUCK AVE BERKELEY	HIST-MTBE-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	929802 ARCO	3000 SHATTUCK AVE BERKELEY	Hist-Regional-SLIC-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	3236-PD ANANDS ARCO & MINI MART	3000 SHATTUCK AVE BERKELEY	Hist-Service Stations	Listed	Subject Site	N/A

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3, 4	26514 Anand's Arco & Mini Market	3000 Shattuck Ave Berkeley	Hist-Service Stations	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	200528 ARCO - ANAND'S STATION #41	3000 SHATTUCK AVENUE BERKELEY	Hist-Service Stations	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	113479 U S SMOG & GAS	3000 SHATTUCK AVE Berkeley	Hist-Service Stations	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	52305-PD SMOG PROS	3000 SHATTUCK AVE BERKELEY	Hist-Service Stations	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	252190 NONE	3000 SHATTUCK AVE BERKELEY	Hist-UST-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	T0600100094 ARCO # 00414	3000 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	T10000004483 U.S. Smog and Gas	3000 Shattuck Avenue Berkeley	SLIC-Closed-CA	Completed - Case Closed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	256137 Berkeley Gas & Smog	3000 SHATTUCK AVE BERKELEY	UST-CA	Listed	Subject Site	N/A
1 Maps: 1, 2, 3, 4	79434 Berkeley Gas & Smog	3000 SHATTUCK AVE BERKELEY	UST-CRSP-CA	Listed	Subject Site	N/A
2 Maps: 1, 2, 3, 4	7730453 1X KENTWELL CO INC	2076 ASHBY AVE BERKELEY	Hist-CalFID-CA	Listed	0.01 NW	0

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
3 Maps: 1, 2, 3, 4	929802 ARCO	3000 SHATTOCK BERKELEY	Hist-HWS-CA	Listed	0.01 NE	3
4 Maps: 1, 2, 3, 4	BAY AQMD-BA-9614 SHELL OIL COMPANY	2996 SHATTUCK AVENUE BERKELEY	Air-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	BAY AQMD-BA-100580 XTRA OIL CO	2996 SHATTUCK AVE BERKELEY	Air-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	10196353 XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE BERKELEY	CERS-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	10196353-BC Edward Simas	2996 Shattuck AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.02 N	0
4 Maps: 1, 2, 3, 4	10196353-ALA-BK Edward Simas	2996 Shattuck AVE Berkeley	City-UST-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	225111 Former Shell	2996 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	172501 XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	T0600101247 Former Shell	2996 SHATTUCK AVE BERKELEY	ENF-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	110066313153 FORMER SHELL	2996 SHATTUCK AVE BERKELEY	FRS-US	Listed	0.02 N	0

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1, 2, 3, 4	110055805213 XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE BERKELEY	FRS-US	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	123655684-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	T0600101247 Former Shell	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	A9E1C143-T0600101247 Former Shell	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	99531-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	99530-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	99529-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	90898-ALA-BK XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	FA0000320-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 Shattuck AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	100370-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1, 2, 3, 4	CAL000305472 XTRA OIL COMPANY DBA CHEVRON	2996 SHATTUCK AVE BERKELEY	Hist-CA	Name Changed	0.02 N	0
4 Maps: 1, 2, 3, 4	72CDA684-1440-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	99531-ALA-BK XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	4993 SHATTUCK SELF SERVE	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	72CDA684-1439-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	4520598C-CAL000305472 XTRA OIL	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	559655 XTRA OIL COMPANY	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	CAL000305472 XTRA OIL	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	CAR000170431 SHELL OIL PRODUCTS SAP 135099	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	FA0000320-ALA-BK XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 Shattuck AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1, 2, 3, 4	CAL000202690 EQUILON ENTERPRISES LLC	2996 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	72CDA684-1441-BC XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	58-ALA-BK XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE Berkeley	Hist-CA	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	7733373 X-TRA OIL COMPANY	2996 SHATTUCK AVE BERKELEY	Hist-CalFID-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	1588070 SHELL - UNITED	2996 SHATTUCK AVE BERKELEY	Hist-City-UST-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	1588070 SHELL	2996 SHATTUCK BERKELEY	Hist-HWS-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	1588070 SHELL	2996 SHATTUCK AVE BERKELEY	Hist-LUSTIS-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	8603-R2 SHELL	2996 SHATTUCK AVE BERKELEY	HIST-MTBE-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	1588070 SHELL	2996 SHATTUCK AVE BERKELEY	Hist-Regional-SLIC-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	61897-PD UNITED SHELL	2996 SHATTUCK AVE BERKELEY	Hist-Service Stations	Listed	0.02 N	0

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1, 2, 3, 4	152134 Chevron	2996 Shattuck Ave Berkeley	Hist-Service Stations	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	200562 XTRA OIL COMPANY	2996 SHATTUCK AVE. BERKELEY	Hist-Service Stations	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	26186 Xtra Oil Co	2996 Shattuck Ave Berkeley	Hist-Service Stations	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	5CB2F9E-CAR000170431 SHELL OIL PRODUCTS SAP 135099	2996 SHATTUCK AVE BERKELEY	Hist-US	No Longer Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	4041605 SHATTUCK SELF-SERVE	2996 SHATTUCK BERKELEY	Hist-USTReg-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	T0600101247 Former Shell	2996 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.02 N	0
4 Maps: 1, 2, 3, 4	CAL000305472 XTRA OIL COMPANY DBA CHEVRON	2996 SHATTUCK AVE BERKELEY	RCRA-NON-US	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	CAR000170431 SHELL OIL PRODUCTS SAP 135099	2996 SHATTUCK AVE BERKELEY	RCRA-SQG-US	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	256933 XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE BERKELEY	UST-CA	Listed	0.02 N	0
4 Maps: 1, 2, 3, 4	172501 XTRA OIL CO - SHATTUCK DBA CHEVRON	2996 SHATTUCK AVE BERKELEY	UST-CRSP-CA	Listed	0.02 N	0

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
5 Maps: 1, 2, 3, 4	10196170 SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE BERKELEY	CERS-CA	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	10196170-BC Joseph Parafina	2051 Ashby AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.03 NW	-2
5 Maps: 1, 2, 3, 4	69031 SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE BERKELEY	CRSP-CA	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	110066556195 SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE BERKELEY	FRS-US	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	215204 Sos & Sss Auto Svc	2051 Ashby Ave Berkeley	Hist-Auto Dealers	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	215205 Saab Specialized Svc	2051 Ashby Ave Berkeley	Hist-Auto Dealers	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	215131 Emporium Motors	2051 Ashby Ave Berkeley	Hist-Auto Dealers	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	430237-PD EMPORIUM MOTORS	2051 ASHBY AVE BERKELEY	Hist-Auto Repair	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	573886-PD SOS AUTO SVC	2051 ASHBY AVE BERKELEY	Hist-Auto Repair	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	123655516-BC SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE Berkeley	Hist-CA	No Longer Listed	0.03 NW	-2

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
5 Maps: 1, 2, 3, 4	4520598C-CAL000019204 SOS FOREIGN AUTO	2051 ASHBY AVE BERKELEY	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	72CDA684-1175-BC SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE Berkeley	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	100211-BC SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE Berkeley	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	99381-BC SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE Berkeley	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	FA0000205-BC SOS FOREIGN AUTO SERVICE	2051 Ashby AVE Berkeley	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	72CDA684-1174-BC SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE Berkeley	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	CAL000019204 SOS MOTORS	2051 ASHBY AVE BERKELEY	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	99382-BC SOS FOREIGN AUTO SERVICE	2051 ASHBY AVE Berkeley	Hist-CA	No Longer Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	7732280 EMPORIUM MOTORS	2051 ASHBY AVE BERKELEY	Hist-CalFID-CA	Listed	0.03 NW	-2
5 Maps: 1, 2, 3, 4	CAL000441535 SOS AUTO SERVICE	2051 ASHBY AVE BERKELEY	RCRA-NON-US	Listed	0.03 NW	-2

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
6 Maps: 1, 2, 3, 4	221816 ENTERPRISE CAR RENTAL	3001 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.03 E	5
6 Maps: 1, 2, 3, 4	110066013959 ENTERPRISE CAR RENTAL	3001 SHATTUCK AVE BERKELEY	FRS-US	Listed	0.03 E	5
6 Maps: 1, 2, 3, 4	T0600191130 ENTERPRISE CAR RENTAL	3001 SHATTUCK AVE BERKELEY	Hist-CA	No Longer Listed	0.03 E	5
6 Maps: 1, 2, 3, 4	8264-R2 ENTERPRISE CAR RENTAL	3001 SHATTUCK AVE BERKELEY	HIST-MTBE-CA	Listed	0.03 E	5
6 Maps: 1, 2, 3, 4	T0600191130 ENTERPRISE CAR RENTAL	3001 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.03 E	5
7 Maps: 1, 2, 3, 4	51238 PACIFIC VIEW PRESS	3012 SHADDOCK Berkeley	Hist-Printers	Listed	0.03 SE	4
8 Maps: 1, 2, 3, 4	195261 Hi Fidelty Entertainment	2991 Shattuck Ave # 201 Berkeley	Hist-Printers	Listed	0.04 NE	4
8 Maps: 1, 2, 3, 4	1155457-PD HI FIDELTY ENTERTAINMENT	2991 SHATTUCK AVE # 201 BERKELEY	Hist-Printers	Listed	0.04 NE	4
8 Maps: 1, 2, 3, 4	91287 3dsm Com Inc	2991 Shattuck Ave Berkeley	Hist-Printers	Listed	0.04 NE	4
9 Maps: 1, 2, 3, 4	7812504 1X MARK ATTARHA	2111 ASHBY AVE BERKELEY	Hist-CalFID-CA	Listed	0.05 NE	5

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
10 Maps: 1, 2, 3, 4	21937 Acleoni	2930 Shattuck Ave Berkeley	Hist-Manufacturing	Listed	0.05 N	2
10 Maps: 1, 2, 3, 4	126906 EASY COPY CTR	2930 SHATTUCK AVE Berkeley	Hist-Printers	Listed	0.05 N	2
11 Maps: 1, 2, 3, 4	23334 Vogue Cleaners	2973 Shattuck Ave Berkeley	Cleaners-CA	Listed	0.05 NE	5
11 Maps: 1, 2, 3, 4	73959 Vogue Cleaners	2973 Shattuck Ave Berkeley	Hist-Cleaners	Listed	0.05 NE	5
11 Maps: 1, 2, 3, 4	331148-PD VOGUE CLEANERS & LAUNDRY	2973 SHATTUCK AVE BERKELEY	Hist-Cleaners	Listed	0.05 NE	5
11 Maps: 1, 2, 3, 4	41610 Pacific Horticulture Crcltn	2931 Shattuck Ave # 104 Berkeley	Hist-Printers	Listed	0.05 NE	5
11 Maps: 1, 2, 3, 4	33812 PACIFIC HORTICULTURE CRCLTN	2931 SHATTUCK AVE 104 Berkeley	Hist-Printers	Listed	0.05 NE	5
12 Maps: 1, 2, 3, 4	CAC002675994 BARBARA MCKINNY	2037 EMERSON ST BERKELEY	Hist-CA	No Longer Listed	0.06 SW	-6
13 Maps: 1, 2, 3, 4	CAC003064938 FRANK ASHTON	2070 EMERSON ST BERKELEY	RCRA-NON-US	Listed	0.06 S	-1
14 Maps: 1, 2, 3, 4	132596-PD BROWNS UNIQUE ANTIQUES	2041 ASHBY AVE BERKELEY	Hist-Chemical-Storage	Listed	0.06 W	-8

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
15 Maps: 1, 2, 4	188609 NEWBERRY STATION OFFICE PARK	2929 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	257098 NEWBERRY STATION	2929 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	T0600100963 NEWBERRY STATION	2929 SHATTUCK AVE BERKELEY	ENF-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	7808660 1X NEWBURY STATION	2929 SHATTUCK AVE BERKELEY	Hist-CalFID-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	1588069 NEWBERRY STATION	2929 SHATTUCK BERKELEY	Hist-HWS-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	1588069 NEWBERRY STATION	2929 SHATTUCK AVE BERKELEY	Hist-LUSTIS-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	1588069 NEWBERRY STATION	2929 SHATTUCK AVE BERKELEY	Hist-Regional-Other-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	1588069 NEWBERRY STATION	2929 SHATTUCK AVE BERKELEY	Hist-Regional-SLIC-CA	Listed	0.08 N	3
15 Maps: 1, 2, 4	T0600100963 NEWBERRY STATION	2929 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.08 N	3
16 Maps: 1, 2, 4	10196185 THE MODEL GARAGE INC.	2920 SHATTUCK AVE BERKELEY	CERS-CA	Listed	0.08 N	3
16 Maps: 1, 2, 4	10196185-BC Donald B Worth	2920 Shattuck AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.08 N	3
16 Maps: 1, 2, 4	160961 THE MODEL GARAGE INC.	2920 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.08 N	3
16 Maps: 1, 2, 4	516578-PD MODEL GARAGE	2920 SHATTUCK AVE BERKELEY	Hist-Auto Repair	Listed	0.08 N	3

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
16 Maps: 1, 2, 4	3768324 MODEL GARAGE INC THE	2920 SHATTUCK AVE BERKELEY	Hist-CalFID-CA	Listed	0.08 N	3
16 Maps: 1, 2, 4	CAD983642786 MODEL GARAGE INC THE	2920 SHATTUCK AVE BERKELEY	RCRA-SQG-US	Listed	0.08 N	3
17 Maps: 1, 2, 4	T10000014891 2001 Ashby Redevelopment	2001 Ashby Avenue Berkeley	ENF-CA	Listed	0.09 W	-12
17 Maps: 1, 2, 4	T10000014891 2001 Ashby Redevelopment	2001 Ashby Avenue Berkeley	SLIC-Open-CA	Open - Site Assessment	0.09 W	-12
18 Maps: 1, 2, 4	259571 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.1 N	3
18 Maps: 1, 2, 4	T0600101310 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE BERKELEY	ENF-CA	Listed	0.1 N	3
18 Maps: 1, 2, 4	7808798 1X BALCH PETROLEUM	2900 SHATTUCK AVE BERKELEY	Hist-CalFID-CA	Listed	0.1 N	3
18 Maps: 1, 2, 4	207116 IMPORTED CAR OF BERKELEY	2900 SHATTUCK AVE BERKELEY	Hist-CalFID-CA	Listed	0.1 N	3
18 Maps: 1, 2, 4	929800 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE BERKELEY	Hist-LUSTIS-CA	Listed	0.1 N	3
18 Maps: 1, 2, 4	929800 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE BERKELEY	Hist-Regional-SLIC-CA	Listed	0.1 N	3
18 Maps: 1, 2, 4	239029 IMPORTED CARS OF BERKELEY	2900 SHATTUCK AVE BERKELEY	Hist-UST-CA	Listed	0.1 N	3
18 Maps: 1, 2, 4	T0600101310 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.1 N	3
18 Maps: 1, 2, 4	CAD981443252 IMPORTED CAR OF BERKELEY	2900 SHATTUCK AVE BERKELEY	RCRA-SQG-US	Listed	0.1 N	3

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
19 Maps: 1, 2, 4	230664 HUB PAINT CENTER	2917 ADELINE ST BERKELEY	CRSP-CA	Listed	0.11 NW	-10
19 Maps: 1, 2, 4	1591820 HUB PAINT CENTER	2917 ADELINE BERKELEY	Hist-HWS-CA	Listed	0.11 NW	-10
19 Maps: 1, 2, 4	1591820 HUB PAINT CENTER	2917 ADELINE ST BERKELEY	Hist-LUSTIS-CA	Listed	0.11 NW	-10
19 Maps: 1, 2, 4	1591820 HUB PAINT CENTER	2917 ADELINE ST BERKELEY	Hist-Regional-SLIC-CA	Listed	0.11 NW	-10
19 Maps: 1, 2, 4	T0600100720 HUB PAINT CENTER	2917 ADELINE ST BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.11 NW	-10
20 Maps: 1, 2, 4	CAC003028082 TRISHA LOW	2024 ESSEX ST BERKELEY	RCRA-NON-US	Listed	0.12 S	-3
21 Maps: 1, 2, 4	10196104 MOTOR CITY AUTOMOTIVE	3058 SHATTUCK AVE BERKELEY	CERS-CA	Listed	0.13 S	-2
21 Maps: 1, 2, 4	10196104-BC Alan Cartwright	3058 Shattuck AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.13 S	-2
21 Maps: 1, 2, 4	191853 MOTOR CITY AUTOMOTIVE	3058 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.13 S	-2
21 Maps: 1, 2, 4	136495 MOTOR CITY AUTOMOTIVE	3058 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.13 S	-2
21 Maps: 1, 2, 4	518867-PD MOTOR CITY AUTOMOTIVE	3058 SHATTUCK AVE BERKELEY	Hist-Auto Repair	Listed	0.13 S	-2
21 Maps: 1, 2, 4	284951 MOTOR CITY AUTOMATIVE	3058 SHATTUCK AVE BERKELEY	Hist-LUSTIS-CA	Listed	0.13 S	-2
21 Maps: 1, 2, 4	284951 MOTOR CITY AUTOMATIVE	3058 SHATTUCK AVE BERKELEY	Hist-Regional-SLIC-CA	Listed	0.13 S	-2

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
21 Maps: 1, 2, 4	T0600100944 MOTOR CITY AUTOMOTIVE	3058 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.13 S	-2
21 Maps: 1, 2, 4	CAD981573025 MOTOR CITY AUTOMOTIVE	3058 SHATTUCK AVE BERKELEY	RCRA-SQG-US	Listed	0.13 S	-2
22 Maps: 1, 2, 4	10196839 DIRECT LINE TELERESPONSE	2847 SHATTUCK AVE BERKELEY	CERS-CA	Listed	0.13 N	6
22 Maps: 1, 2, 4	10196839-BC kenneth goldenberg	2847 Shattuck AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.13 N	6
22 Maps: 1, 2, 4	25345 DIRECT LINE TELERESPONSE	2847 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.13 N	6
23 Maps: 1, 2, 4	827500 2916 wheeler	Not Reported by Agency	Spills-SSO-CA	Listed	0.13 NE	15
24 Maps: 1, 2, 4	853932 2025 Prince st.	2025 Prince st.	Spills-SSO-CA	Listed	0.13 S	-5
25 Maps: 1, 2, 4	10196722 BERKELEY BOWL PRODUCE INC.	2020 OREGON ST BERKELEY	CERS-CA	Listed	0.14 N	1
25 Maps: 1, 2, 4	10196722-BC Glenn Yasuda	2020 Oregon ST Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.14 N	1
25 Maps: 1, 2, 4	387767 BERKELEY BOWL PRODUCE INC.	2020 OREGON ST BERKELEY	CRSP-CA	Listed	0.14 N	1
26 Maps: 1, 2, 4	CAC002971181 SUSAN GARDNER	2134 ESSEX ST. BERKELEY	RCRA-NON-US	Listed	0.15 SE	9
27 Maps: 1, 2, 4	656012 Ashby Ave	2305 Ashby Avenue Berle;ey	Spills-SSO-CA	Listed	0.15 E	20
28 Maps: 1, 2, 4	10196518-BC S.F. Bay Area Rapid Transit District	2160 Ashby AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.15 E	20

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29 Maps: 1, 2, 4	10761337-BC Mehrdad Naima	3101 Shattuck Ave Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.15 S	-2
29 Maps: 1, 2, 4	436631 Starry Plough	3101 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.15 S	-2
30 Maps: 1, 2, 4	10196890 ELMWOOD NURSING & REHAB	2829 SHATTUCK AVE BERKELEY	CERS-CA	Listed	0.16 N	7
30 Maps: 1, 2, 4	10196890-BC Pat Poddatoori	2829 Shattuck AVE Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.16 N	7
30 Maps: 1, 2, 4	114356 ELMWOOD NURSING & REHAB	2829 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.16 N	7
31 Maps: 1, 2, 4	CAC003033245 FRANCISCO & JACKIE BAUTISTA	2106 PRINCE ST. BERKELEY	RCRA-NON-US	Listed	0.16 S	-2
32 Maps: 1, 2, 4	CAC002992493 HARRIET TUBMAN TERRACE	2870 ADELINE ST. BERKELEY	RCRA-NON-US	Listed	0.17 NW	-7
33 Maps: 1, 2, 4	10196680 MACK JACOB, DDS	2012 PRINCE ST BERKELEY	CERS-CA	Listed	0.17 S	-10
34 Maps: 1, 2, 4	20868 Shattuck Sunny Cleaners	2105 Woolsey St Berkeley	Cleaners-CA	Listed	0.18 S	-5
34 Maps: 1, 2, 4	73965 Shattuck Sunny Cleaners	2105 Woolsey St Berkeley	Hist-Cleaners	Listed	0.18 S	-5
34 Maps: 1, 2, 4	332561-PD WOOLSEY CLEANERS	2105 WOOLSEY ST BERKELEY	Hist-Cleaners	Listed	0.18 S	-5
35 Maps: 1, 2, 4	10196473 WALGREENS #4614	2801 ADELINE ST BERKELEY	CERS-CA	Listed	0.2 N	2
35 Maps: 1, 2, 4	10196473-BC Walgreen Co.	2801 Adeline ST Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.2 N	2

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
35 Maps: 1, 2, 4	84241 WALGREENS #4614	2801 ADELINE ST BERKELEY	CRSP-CA	Listed	0.2 N	2
35 Maps: 1, 2, 4	CAL000322919 WALGREENS #4614	2801 ADELINE ST BERKELEY	RCRA-CESQG-US	No Longer Listed	0.2 N	2
35 Maps: 1, 2, 4	CAL000322919 WALGREENS #4614	2801 ADELINE ST BERKELEY	RCRA-SQG-US	Listed	0.2 N	2
35 Maps: 1, 2, 4	CA0000367920 RITE AID NO 5954	2801 ADELINE ST BERKELEY	RCRA-SQG-US	Listed	0.2 N	2
36 Maps: 1, 2, 4	CAC003015370 SHEILA SCHWARTZBURG	2923 FULTON ST. BERKELEY	RCRA-NON-US	Listed	0.2 NE	25
37 Maps: 1, 2, 4	7817553 NEW EARTH PRESS	1921 ASHBY AVE BERKELEY	Hist-CalFID-CA	Listed	0.21 W	-26
38 Maps: 1, 2, 4	10652446 Shattuck Auto Collision Center	3207 Shattuck Ave Berkeley	CERS-CA	Listed	0.22 S	-4
38 Maps: 1, 2, 4	10652446-BC Siena Enterprises	3207 Shattuck Ave Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.22 S	-4
38 Maps: 1, 2, 4	361521 Shattuck Auto Collision Center	3207 SHATTUCK AVE BERKELEY	CRSP-CA	Listed	0.22 S	-4
38 Maps: 1, 2, 4	493708 SHATTUCK AUTO CENTER	3207 SHATTUCK AVENUE BERKELEY	CRSP-CA	Listed	0.22 S	-4
38 Maps: 1, 2, 4	569407-PD SHATTUCK AUTO CTR	3207 SHATTUCK AVE BERKELEY	Hist-Auto Repair	Listed	0.22 S	-4
38 Maps: 1, 2, 4	375873 SHATTUCK AUTO CENTER INC	3207 SHATTUCK AVE BERKELEY	Hist-CalFID-CA	Listed	0.22 S	-4
38 Maps: 1, 2, 4	CAD079073623 SHATTUCK AUTO CENTER INC	3207 SHATTUCK AVE BERKELEY	RCRA-SQG-US	Listed	0.22 S	-4

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
39 Maps: 1, 2, 4	10135723 PG&E: Stuart Substation	2016 Stuart Street Berkeley	CERS-CA	Listed	0.22 NW	-3
39 Maps: 1, 2, 4	10135723-BC Pacific Gas & Electric Company	2016 Stuart ST Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.22 NW	-3
40 Maps: 1, 2, 4	7814437 T T MOTORS	2800 ADELINE ST BERKELEY	Hist-CalFID-CA	Listed	0.23 N	-2
41 Maps: 1, 2, 4	10684444 Berkeley Pines Skilled Nursing Center	2223 Ashby Ave Berkeley	CERS-CA	Listed	0.23 E	31
41 Maps: 1, 2, 4	10684444-BC Allen Leung	2223 Ashby Ave Berkeley	City-CUPA-CA	01 - ACTIVE, CUPA	0.23 E	31
41 Maps: 1, 2, 4	373678 Berkeley Pines Skilled Nursing Center	2223 ASHBY AVE BERKELEY	CRSP-CA	Listed	0.23 E	31
42 Maps: 1, 2, 4	5717561 FLINTS' BBQ RESTAURANT	6601 SHATTUCK AVE OAKLAND	Hist-CalFID-CA	Listed	0.24 S	-8
43 Maps: 1, 2, 4	246675 CALIFORNIA CUNOCAR	2020 STUART ST BERKELEY	CRSP-CA	Listed	0.24 NW	-3
43 Maps: 1, 2, 4	T0600100245 CALIFORNIA CUNOCAR	2020 STUART ST BERKELEY	ENF-CA	Listed	0.24 NW	-3
43 Maps: 1, 2, 4	7730662 1X CALIF CUNOCAR INC	2020 STUART ST BERKELEY	Hist-CalFID-CA	Listed	0.24 NW	-3
43 Maps: 1, 2, 4	3080514 CALIFORNIA CUNOCAR	2020 STUART BERKELEY	Hist-HWS-CA	Listed	0.24 NW	-3
43 Maps: 1, 2, 4	3080514 CALIFORNIA CUNOCAR	2020 STUART ST BERKELEY	Hist-LUSTIS-CA	Listed	0.24 NW	-3
43 Maps: 1, 2, 4	8120-R2 CALIFORNIA CUNOCAR	2020 STUART ST BERKELEY	HIST-MTBE-CA	Listed	0.24 NW	-3

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
43 Maps: 1, 2, 4	3080514 CALIFORNIA CUNOCAR	2020 STUART ST BERKELEY	Hist-Regional-SLIC-CA	Listed	0.24 NW	-3
43 Maps: 1, 2, 4	T0600100245 CALIFORNIA CUNOCAR	2020 STUART ST BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.24 NW	-3
44 Maps: 1, 4	T0600194037 FORMER SHELL SERVICE STATION	2747 ADELINE ST BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.26 N	6
45 Maps: 1, 4	RO0003045-ALA-C SHATTUCK IMPORTS	6562 SHATTUCK AVE OAKLAND	County-LUST-Closed-CA	Closed	0.26 S	-8
45 Maps: 1, 4	RO0003045-ALA SHATTUCK IMPORTS	6562 SHATTUCK AVE OAKLAND	County-LUST-Open-CA	Open	0.26 S	-8
45 Maps: 1, 4	T0600101219 SHATTUCK IMPORTS	6562 SHATTUCK AVE OAKLAND	LUST-Closed-CA	Completed - Case Closed	0.26 S	-8
46 Maps: 1, 4	T0600101685 FUKUNAGA PROPERTY	2227 OREGON ST BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.31 NE	35
47 Maps: 1, 4	T0600100167 BEKINS VAN STORAGE	2721 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.31 N	10
48 Maps: 1, 4	T10000002456 GAS STATION / EAST BAY SMOG CENTER & AUTO REPAIR	6501 SHATTUCK AVE OAKLAND	LUST-Closed-CA	Completed - Case Closed	0.32 S	-13
49 Maps: 1, 4	T0600100948 MCKEVITT VOLVO	2700 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.35 N	11
50 Maps: 1, 4	T0600100583 BERKELEY FIRE STATION #5	2680 SHATTUCK AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.38 N	13
51 Maps: 1, 4	T0600194038 CHEVRON SERVICE STATION	2996 TELEGRAPH AVE BERKELEY	LUST-Open-CA	Open - Site Assessment	0.4 E	52
52 Maps: 1, 4	SL0600186440 DAIR PROPERTY aka Southside Lofts	3075 TELEGRAPH AVENUE BERKELEY	SLIC-Open-CA	Open - Inactive	0.4 E	41

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
53 Maps: 1, 4	T0600101104 TOSCO - FACILITY #0852	3001 TELEGRAPH AVE BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.41 E	52
54 Maps: 1, 4	T0600101408 UC BERKELEY PHYSICAL PLANT	2000 CARLETON ST BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.42 N	2
55 Maps: 1, 4	T0600101832 MALCOM X SCHOOL	1734 PRINCE ST BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.43 SW	-48
56 Maps: 1, 4	T10000014090 Berkeley Adult Mental Health Clinic	2640 Martin Luther King Jr. Way Berkeley	LUST-Open-CA	Open - Eligible for Closure	0.44 NW	-13
57 Maps: 1, 4	RO0000078-ALA ARCO #0374	6407 TELEGRAPH AVE Oakland	County-LUST-Open-CA	Open	0.46 SE	21
57 Maps: 1, 4	T0600100106 ARCO #0374	6407 TELEGRAPH Oakland	LUST-Open-CA	Open - Remediation	0.46 SE	21
58 Maps: 1, 4	T0600118745 BERKELEY HONDA	2600 SHATTUCK BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.48 N	22
59 Maps: 1, 4	T0619748201 AUTOMASTERS	6200 SHATTUCK AVE. OAKLAND	LUST-Open-CA	Open - Site Assessment	0.5 S	-14
60 Maps: 1, 4	T0600100047 MARSHALL STEEL CLEANERS	1229 28TH Oakland	LUST-Closed-CA	Completed - Case Closed	0.5 E	60
60 Maps: 1, 4	T0600100061 ALTA BATES HOSPITAL	3001 COLBY STREET BERKELEY	LUST-Closed-CA	Completed - Case Closed	0.5 E	60
60 Maps: 1, 4	T0600100131 AUTOPRO	5200 TELEGRAPH Oakland	LUST-Closed-CA	Completed - Case Closed	0.5 E	60

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POTENTIAL AREAS OF CONCERN/CONTAMINATION SUMMARY

DATABASE SEARCHED	SUBJECT SITE WITHIN POTENTIAL AREA OF CONCERN	AREAS FOUND WITHIN 1-MILE RADIUS
NPL-R9-US	No	0
MethaneLF-CA	No	0
LA-LF-CA	No	0
Military-Bases-US	No	0
SGV-Deep-Plumes-CA	No	0
SGV-Shallow-Plumes-Puente-Valley-CA	No	0
SGV-Shallow-Plumes-CA	No	0

DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	DISTANCE SEARCHED (MILES)	HIGH RISK OCCURRENCES FOUND
CERCLIS-US	0.5	0
CorAct-Open-CA	0.5	0
County-LUST-Open-CA	0.5	2
County-SLIC-Open-CA	0.5	0
Eval-Hist-Active-CA	0.5	0
Hist-UST-Cleanup-CA	0.5	0
LUST-Open-CA	0.5	4
Military-Active-CA	1	0
NPL-US	1	0
Proposed-NPL-US	1	0
Response-CA	1	0
SAA-Agreements-US	1	0
School-Active-CA	0.5	0
SLIC-Open-CA	0.5	2
State-Response-Active-CA	1	0
Superfund-Active-CA	1	0
Tribal-LUST-Open-Reg10	0.5	0
Tribal-LUST-Open-Reg4	0.5	0
Tribal-LUST-Open-Reg9	0.5	0
Tribal-LUST-Reg7	0.5	0
VCP-Active-CA	0.5	0

* For the purposes of this report, “high risk” occurrences are those that have known contamination and have not received a “case closed” or “no further action” status from the agency that maintains the records.

ASTM/AAI STANDARD RECORD SOURCES SUMMARY				
STANDARD ENVIRONMENTAL RECORD SOURCES	ASTM MIN. SEARCH DIST. / ERS SEARCH DIST.	ERS DATABASE NAME	TOTAL LISTINGS	MAP ID #’S

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	(MILES)			
Federal NPL site list	1.0 / 1.0	NPL-US	0	None Listed
		Proposed-NPL-US	0	None Listed
Federal Delisted NPL site list	0.5 / 1.0	Delisted-NPL-US	0	None Listed
Federal CERCLIS list	0.5 / 0.5	CERCLIS-US	0	None Listed
Federal CERCLIS NFRAP site list	0.5 / 0.5	CERCLIS-Archived-US	0	None Listed
Federal RCRA CORRACTS facilities list	1.0 / 1.0	RCRA-COR-US	0	None Listed
Federal RCRA non-CORRACTS TSD facilities list	0.5 / 0.5	RCRA-TSDF-US	0	None Listed
Federal RCRA generators list	Property and adjoining properties / 0.25	RCRA-CESQG-US	1	35
		RCRA-LQG-US	0	None Listed
		RCRA-NON-US	8	4, 5, 13, 20, 26, 31, 32, 36
		RCRA-SQG-US	7	4, 16, 18, 21, 35, 35, 38
Federal Inst/Eng control registries	Property Only / 0.25	Controls-RCRA-US	0	None Listed
		Controls-US	0	None Listed
		Hist-US-EC	0	None Listed
		Hist-US-IC	0	None Listed
		LIENS-US	0	None Listed
Federal ERNS list	Property Only / 0.0625	ERNS-US	0	None Listed
State and Tribal-Equivalent NPL	1.0 / 1.0	Response-CA	0	None Listed
		State-Response-Active-CA	0	None Listed
		State-Response-NFA-CA	0	None Listed
		State-Response-Other-CA	0	None Listed
State and Tribal-Equivalent CERCLIS	0.5 / 0.5	Superfund-Active-CA	0	None Listed
		Superfund-NFA-CA	0	None Listed
		Superfund-Other-CA	0	None Listed
State and Tribal landfill and/or solid waste disposal sites	0.5 / 0.5	County-SWF-CA	0	None Listed
		Debris-US	0	None Listed
		Hist-Dumps-US	0	None Listed
		Land-Disposal-CA	0	None Listed
		SWIS-CA	0	None Listed
		SWLF-US	0	None Listed
		Tribal-ODI-US	0	None Listed
State and Tribal Leaking Storage Tank Lists	0.5 / 0.5	County-LUST-CA	0	None Listed
		County-LUST-Closed-CA	1	45
		County-LUST-Open-	2	45, 57

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		CA		
		Hist-UST-Cleanup-CA	0	None Listed
		LUST-Closed-CA	22	1, 4, 6, 15, 18, 19, 21, 43, 44, 45, 46, 47, 48, 49, 50, 53, 54, 55, 58, 60, 60, 60
		LUST-Open-CA	4	51, 56, 57, 59
		Tribal-LUST-Closed-Reg4	0	None Listed
		Tribal-LUST-Closed-Reg9	0	None Listed
		Tribal-LUST-Open-Reg10	0	None Listed
		Tribal-LUST-Open-Reg4	0	None Listed
		Tribal-LUST-Open-Reg9	0	None Listed
		Tribal-LUST-Reg1	0	None Listed
		Tribal-LUST-Reg7	0	None Listed
State and Tribal Registered Storage Tank Lists	Property and adjoining properties / 0.25	AST-CA	0	None Listed
		AST-CRSP-CA	0	None Listed
		City-AST-CA	0	None Listed
		City-UST-CA	2	1, 4
		County-AST-CA	0	None Listed
		County-UST-CA	0	None Listed
		FEMA-UST-US	0	None Listed
		Hist-UST-CA	2	1, 18
		Tribal-UST-Reg1	0	None Listed
		Tribal-UST-Reg10	0	None Listed
		Tribal-UST-Reg4	0	None Listed
		Tribal-UST-Reg7	0	None Listed
		Tribal-UST-Reg9	0	None Listed
		UST-Abandoned-CA	0	None Listed
		UST-CA	2	1, 4
		UST-Closed-CA	0	None Listed
		USTComp-CA	0	None Listed
		UST-CRSP-CA	2	1, 4
		UST-Priority-CA	0	None Listed
		UST-Proposed-CA	0	None Listed
State and Tribal Inst/Eng Control Registries	Property Only / 0.5	Controls-CA	0	None Listed
		Deed-CA	0	None Listed
		Hist-Controls-CA	0	None Listed
		HWMP-Controls-CA	0	None Listed
		Liens-CA	0	None Listed
State and Tribal Voluntary Cleanup Sites	0.5 / 0.5	Military-Active-CA	0	None Listed

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		Military-NFA-CA	0	None Listed
		Military-Other-CA	0	None Listed
		School-Active-CA	0	None Listed
		School-NFA-CA	0	None Listed
		School-Other-CA	0	None Listed
		Tribal-VCP-US	0	None Listed
		VCP-Active-CA	0	None Listed
		VCP-NFA-CA	0	None Listed
		VCP-Other-CA	0	None Listed
State and Tribal Brownfield Sites	0.5 / 0.5	BF-MOA-CA	0	None Listed
		BF-Tribal-US	0	None Listed

FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	**DISTANCE SEARCHED**	**SUBJECT SITE**	**0.125 MILES**	**0.25 MILES**	**0.5 MILES**	**1.0 MILES**	**TOTAL**
BF-Tribal-US	0.5	0	0	0	0	-	0
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	0	0	0	-	0
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	1	0	0	0	0	0	0
ERNS-US	0.0625	0	0	-	-	-	0
FEMA-UST-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	0.25	0	0	0	-	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.0625	0	0	-	-	-	0
LIENS-US	0.0625	0	0	-	-	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.0625	0	0	-	-	-	0
PCB-US	0.25	0	0	0	-	-	0
Proposed-NPL-US	1	0	0	0	0	0	0
RCRA-CESQG-US	0.25	0	0	1	-	-	1
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	0	0	-	-	0
RCRA-NON-US	0.25	0	5	3	-	-	8
RCRA-SQG-US	0.25	0	4	3	-	-	7
RCRA-TSDF-US	0.5	0	0	0	0	-	0
SAA-Agreements-US	1	0	0	0	0	0	0
SWLF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg4	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg10	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg4	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Reg1	0.5	0	0	0	0	-	0
Tribal-LUST-Reg7	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg1	0.25	0	0	0	-	-	0
Tribal-UST-Reg10	0.25	0	0	0	-	-	0
Tribal-UST-Reg4	0.25	0	0	0	-	-	0
Tribal-UST-Reg7	0.25	0	0	0	-	-	0

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FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Tribal-UST-Reg9	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
AST-CA	0.25	0	0	0	-	-	0
AST-CRSP-CA	0.25	0	0	0	-	-	0
BF-MOA-CA	0.5	0	0	0	0	-	0
BZ-HazWaste-CA	0.5	0	0	0	0	-	0
CERS-CA	0.25	1	6	6	-	-	13
CHMIRS-CA	0.0625	0	0	-	-	-	0
City-AST-CA	0.25	0	0	0	-	-	0
City-CUPA-CA	0.25	1	7	6	-	-	14
City-Others-CA	0.25	0	0	0	-	-	0
City-UST-CA	0.25	1	1	0	-	-	2
Controls-CA	0.5	0	0	0	0	-	0
CorAct-Closed-CA	0.5	0	0	0	0	-	0
CorAct-Open-CA	0.5	0	0	0	0	-	0
CorAct-Other-CA	0.5	0	0	0	0	-	0
CORTESE-CA	0.25	0	0	0	-	-	0
County-AST-CA	0.25	0	0	0	-	-	0
County-Hist-CA	0.25	0	0	0	-	-	0
County-LUST-CA	0.5	0	0	0	0	-	0
County-LUST-Closed-CA	0.5	0	0	1	0	-	1
County-LUST-Open-CA	0.5	0	0	1	1	-	2
County-Others-CA	0.25	0	0	0	-	-	0
County-SLIC-Closed-CA	0.25	0	0	0	-	-	0
County-SLIC-Open-CA	0.5	0	0	0	0	-	0
County-SML-CA	0.5	0	0	0	0	-	0
County-SWF-CA	0.5	0	0	0	0	-	0
County-UST-CA	0.25	0	0	0	-	-	0
CRSP-CA	0.25	3	13	7	-	-	23
CUPA-CA	0.25	0	0	0	-	-	0
Deed-CA	0.5	0	0	0	0	-	0
ENF-CA	0.25	2	4	1	-	-	7
ENF-SMARTS-CA	0.25	0	0	0	-	-	0
ENF-Wastewater-CA	0.25	0	0	0	-	-	0
Eval-Hist-Active-CA	0.5	0	0	0	0	-	0
Eval-Hist-NFA-CA	0.5	0	0	0	0	-	0
Eval-Hist-Other-CA	0.5	0	0	0	0	-	0
HazWaste-CA	0.25	0	0	0	-	-	0
Hist-Controls-CA	0.5	0	0	0	0	-	0
Hist-Cort-CA	0.25	0	0	0	-	-	0
HIST-R4-CA	0.25	0	0	0	-	-	0
HIST-SLIC-CV-CLOSED-CA	0.5	0	0	0	0	-	0
HIST-SLIC-CV-OPEN-CA	0.5	0	0	0	0	-	0
Hist-UST-CA	0.25	1	1	0	-	-	2
Hist-UST-Cleanup-CA	0.5	0	0	0	0	-	0
Hist-WIP-Active-CA	0.5	0	0	0	0	-	0
Hist-WIP-Backlog-CA	0.5	0	0	0	0	-	0
Hist-WIP-Historical-CA	0.5	0	0	0	0	-	0
HWIS-CA	0.0625	0	0	-	-	-	0

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STATE ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
HWMP-Controls-CA	0.5	0	0	0	0	-	0
ICE-CA	0.25	0	0	0	-	-	0
Land-Disposal-CA	0.5	0	0	0	0	-	0
Liens-CA	0.0625	0	0	-	-	-	0
LUST-Closed-CA	0.5	1	6	3	12	-	22
LUST-Open-CA	0.5	0	0	0	4	-	4
Manifest2-RI	0.0625	0	0	-	-	-	0
Military-Active-CA	1	0	0	0	0	0	0
Military-NFA-CA	0.5	0	0	0	0	-	0
Military-Other-CA	1	0	0	0	0	0	0
PR-MOA-CA	0.25	0	0	0	-	-	0
Response-CA	1	0	0	0	0	0	0
School-Active-CA	0.5	0	0	0	0	-	0
School-NFA-CA	0.5	0	0	0	0	-	0
School-Other-CA	0.5	0	0	0	0	-	0
SLIC-Closed-CA	0.5	1	0	0	0	-	1
SLIC-Open-CA	0.5	0	1	0	1	-	2
SML-CA	0.5	0	0	0	0	-	0
State-Response-Active-CA	1	0	0	0	0	0	0
State-Response-NFA-CA	0.5	0	0	0	0	-	0
State-Response-Other-CA	0.5	0	0	0	0	-	0
Superfund-Active-CA	1	0	0	0	0	0	0
Superfund-NFA-CA	1	0	0	0	0	0	0
Superfund-Other-CA	1	0	0	0	0	0	0
SWIS-CA	0.5	0	0	0	0	-	0
SWRCY-CA	0.5	0	0	0	0	-	0
UST-Abandoned-CA	0.25	0	0	0	-	-	0
UST-CA	0.25	1	1	0	-	-	2
UST-Closed-CA	0.25	0	0	0	-	-	0
USTComp-CA	0.25	0	0	0	-	-	0
UST-CRSP-CA	0.25	1	1	0	-	-	2
UST-Priority-CA	0.5	0	0	0	0	-	0
UST-Proposed-CA	0.25	0	0	0	-	-	0
VCP-Active-CA	0.5	0	0	0	0	-	0
VCP-NFA-CA	0.5	0	0	0	0	-	0
VCP-Other-CA	0.5	0	0	0	0	-	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Air-CA	0.25	1	2	0	-	-	3
AIR-DIST-CA	0.25	0	0	0	-	-	0
BioFuel-US	0.25	0	0	0	-	-	0
CAF-CA	0.25	0	0	0	-	-	0
CDL-CA	0.0625	0	0	-	-	-	0
CDL-US	0.0625	0	0	-	-	-	0
CHWF-CA	0.5	0	0	0	0	-	0
Cleaners-CA	0.25	0	1	1	-	-	2
Coal-Ash-Dams-US	0.5	0	0	0	0	-	0
County-BI-CA	0.25	0	0	0	-	-	0
Dams-CA	0.25	0	0	0	-	-	0
DPR-CA	0.25	0	0	0	-	-	0
DryCleaners-CA	0.25	0	0	0	-	-	0

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SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
EGRID-US	0.5	0	0	0	0	-	0
EPA-Watch-List-US	0.25	0	0	0	-	-	0
FA-HW-CA	0.0625	0	0	-	-	-	0
FA-HW-US	0.0625	0	0	-	-	-	0
FA-SWF-CA	0.0625	0	0	-	-	-	0
FRS-US	0.0625	2	4	-	-	-	6
FTTS-INSP-US	0.0625	0	0	-	-	-	0
FUDS-US	1	0	0	0	0	0	0
FUSRAP-US	0.25	0	0	0	-	-	0
Haulers-CA	0.0625	0	0	-	-	-	0
Hist-AFS2-US	0.25	0	0	0	-	-	0
Hist-AFS-US	0.25	0	0	0	-	-	0
Hist-AST-CA	0.25	0	0	0	-	-	0
Hist-AWS-CA	0.25	0	0	0	-	-	0
Hist-CA	0.0625	32	33	-	-	-	65
Hist-CalFID-CA	0.25	1	8	5	-	-	14
Hist-CALSITES-CA	0.25	0	0	0	-	-	0
Hist-CERCLIS-NFRAP-US	0.25	0	0	0	-	-	0
Hist-CERCLIS-US	0.25	0	0	0	-	-	0
Hist-City-UST-CA	0.25	1	1	0	-	-	2
Hist-Deed-CA	0.25	0	0	0	-	-	0
Hist-DTG-CA	0.25	0	0	0	-	-	0
Hist-ERNS-US	0.0625	0	0	-	-	-	0
Hist-FIFRA-US	0.25	0	0	0	-	-	0
Hist-FINDS-US	0.0625	0	0	-	-	-	0
Hist-HWS-CA	0.25	0	4	1	-	-	5
Hist-LUSTIS-CA	0.25	1	5	1	-	-	7
HIST-MLTS-US	0.25	0	0	0	-	-	0
HIST-MTBE-CA	0.25	1	2	1	-	-	4
Hist-NPL-US	0.25	0	0	0	-	-	0
Hist-Orange-County-LF-CA	0.25	0	0	0	-	-	0
Historical-CA	0.5	0	0	0	0	-	0
Hist-Prop65-CA	0.25	0	0	0	-	-	0
Hist-RCRIS-US	0.25	0	0	0	-	-	0
Hist-Regional-LUST-CA	0.25	0	0	0	-	-	0
Hist-Regional-Other-CA	0.25	0	1	0	-	-	1
Hist-Regional-SLIC-CA	0.25	1	5	1	-	-	7
Hist-Regional-Spills-CA	0.25	0	0	0	-	-	0
Hist-Regional-SWLF-CA	0.25	0	0	0	-	-	0
Hist-Regional-UST-CA	0.25	0	0	0	-	-	0
Hist-SCL-CA	0.25	0	0	0	-	-	0
Hist-SWIS-CA	0.25	0	0	0	-	-	0
Hist-ToxicPits-CA	0.25	0	0	0	-	-	0
Hist-TRIS-US	0.25	0	0	0	-	-	0
Hist-US	0.0625	0	1	-	-	-	1
Hist-USGS-WaterWells-CA	0.0625	0	0	-	-	-	0
Hist-USTReg-CA	0.25	0	1	0	-	-	1
Hist-WaterWells-US	0.0625	0	0	-	-	-	0
Hist-WMUDS-CA	0.25	0	0	0	-	-	0
HWT-CA	0.25	0	0	0	-	-	0
ICIS-Air-US	0.0625	0	0	-	-	-	0
ICIS-FEC-US	0.0625	0	0	-	-	-	0
ICIS-NPDES-US	0.0625	0	0	-	-	-	0
LA-Waste-Haulers-CA	0.0625	0	0	-	-	-	0
Lead-Smelter-2-US	0.25	0	0	0	-	-	0

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SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Lead-US	0.25	0	0	0	-	-	0
LMOP-US	0.5	0	0	0	0	-	0
Mines2-CA	0.0625	0	0	-	-	-	0
Mines-CA	0.0625	0	0	-	-	-	0
Mines-CDMG-CA	0.0625	0	0	-	-	-	0
MINES-US	0.0625	0	0	-	-	-	0
MLTS-US	0.0625	0	0	-	-	-	0
Mortgage-CA	0.25	0	0	0	-	-	0
MRDS-US	0.25	0	0	0	-	-	0
MWMP-CA	0.25	0	0	0	-	-	0
NCI-CA	0.25	0	0	0	-	-	0
NEI-LF-CA	0.25	0	0	0	-	-	0
NPDES-CA	0.0625	0	0	-	-	-	0
NPDES-SW-CA	0.0625	0	0	-	-	-	0
OGM-CA	0.0625	0	0	-	-	-	0
OGW-CA	0.0625	0	0	-	-	-	0
OSCF-CA	0.5	0	0	0	0	-	0
PCS-US	0.25	0	0	0	-	-	0
Perch1-CA	0.25	0	0	0	-	-	0
Perch2-CA	0.25	0	0	0	-	-	0
Project-CA	0.25	0	0	0	-	-	0
RADINFO-US	0.0625	0	0	-	-	-	0
RFG-Lab-US	0.25	0	0	0	-	-	0
RMP-US	0.0625	0	0	-	-	-	0
ROD-US	0.5	0	0	0	0	-	0
SDWIS-US	0.25	0	0	0	-	-	0
SP-CA	0.25	0	0	0	-	-	0
Spills-SSO-CA	0.25	0	3	0	-	-	3
SSTS-US	0.0625	0	0	-	-	-	0
TierPer-CA	0.25	0	0	0	-	-	0
TOMS-CA	0.0625	0	0	-	-	-	0
Tribal-Air-US	0.25	0	0	0	-	-	0
TRIS2000-US	0.0625	0	0	-	-	-	0
TRIS2010-US	0.0625	0	0	-	-	-	0
TRIS80-US	0.0625	0	0	-	-	-	0
TRIS90-US	0.0625	0	0	-	-	-	0
TSCA-US	0.0625	0	0	-	-	-	0
UIC2-CA	0.0625	0	0	-	-	-	0
UIC-CA	0.0625	0	0	-	-	-	0
UMTRA-US	0.0625	0	0	-	-	-	0
USGS-Waterwells-US	0.0625	0	0	-	-	-	0
Vapor-Intrusions-US	0.5	0	0	0	0	-	0
WDR-CA	0.25	0	0	0	-	-	0

PROPRIETARY HISTORIC DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-Agriculture	0.0625	0	0	-	-	-	0
Hist-Auto Dealers	0.0625	0	3	-	-	-	3
Hist-Auto Repair	0.25	0	4	1	-	-	5
Hist-Chemical Manufacturing	0.0625	0	0	-	-	-	0
Hist-Chemical-Storage	0.0625	0	1	-	-	-	1
Hist-Cleaners	0.25	0	2	2	-	-	4

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PROPRIETARY HISTORIC DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-Convenience	0.0625	0	0	-	-	-	0
Hist-Disposal-Recycle	0.0625	0	0	-	-	-	0
Hist-Food-Processors	0.0625	0	0	-	-	-	0
Hist-Gun-Ranges	0.0625	0	0	-	-	-	0
Hist-Machine Shop	0.0625	0	0	-	-	-	0
Hist-Manufacturing	0.0625	0	1	-	-	-	1
Hist-Metal Plating	0.0625	0	0	-	-	-	0
Hist-Mining	0.0625	0	0	-	-	-	0
Hist-Mortuaries	0.0625	0	0	-	-	-	0
Hist-Oil-Gas	0.0625	0	0	-	-	-	0
Hist-OilGas-Refiners	0.0625	0	0	-	-	-	0
Hist-Other	0.0625	0	0	-	-	-	0
Hist-Paint-Stores	0.0625	0	0	-	-	-	0
Hist-Petroleum	0.0625	0	0	-	-	-	0
Hist-Post-Offices	0.0625	0	0	-	-	-	0
Hist-Printers	0.0625	0	7	-	-	-	7
Hist-Rental	0.0625	0	0	-	-	-	0
Hist-RV-Dealers	0.0625	0	0	-	-	-	0
Hist-Salvage	0.0625	0	0	-	-	-	0
Hist-Service Stations	0.25	5	4	0	-	-	9
Hist-Steel-Metals	0.0625	0	0	-	-	-	0
Hist-Textile	0.0625	0	0	-	-	-	0
Hist-Transportation	0.0625	0	0	-	-	-	0
Hist-Trucking	0.0625	0	0	-	-	-	0
Hist-Vehicle-Parts	0.0625	0	0	-	-	-	0
Hist-Vehicle-Washing	0.0625	0	0	-	-	-	0

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SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. Oakland West (Date Unavailable) Quadrangle, 7.5 Minute Series

GEM Group, Inc.	3000-3008 Shattuck Avenue Berkeley, CA 94705	FIGURE: 1 JOB: 22-14819 DATE: 3/10/2022

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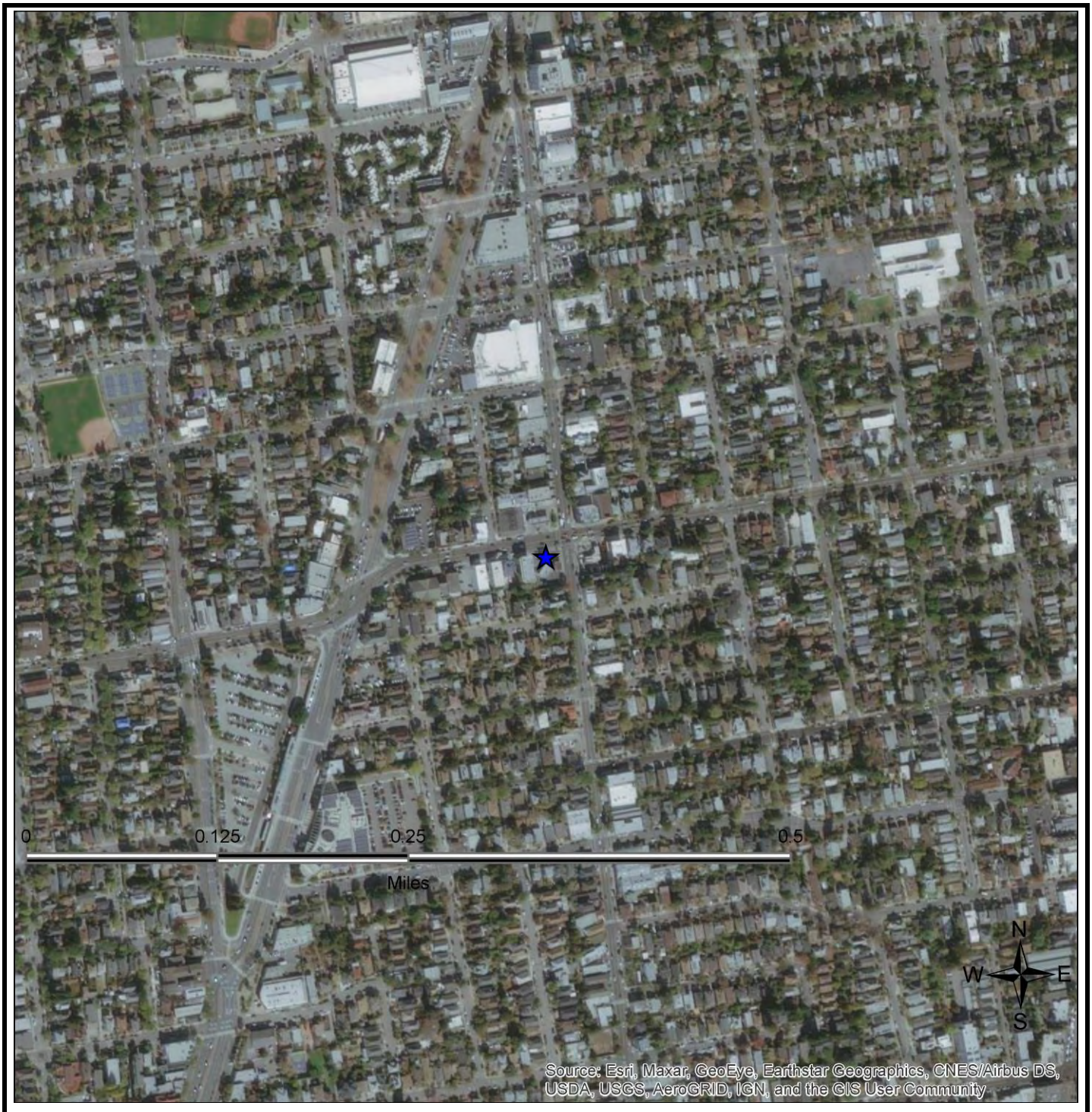

SITE LOCATION MAP

GEM Group, Inc.	3000-3008 Shattuck Avenue Berkeley, CA 94705	FIGURE: 2 JOB: 22-14819 DATE: 3/10/2022

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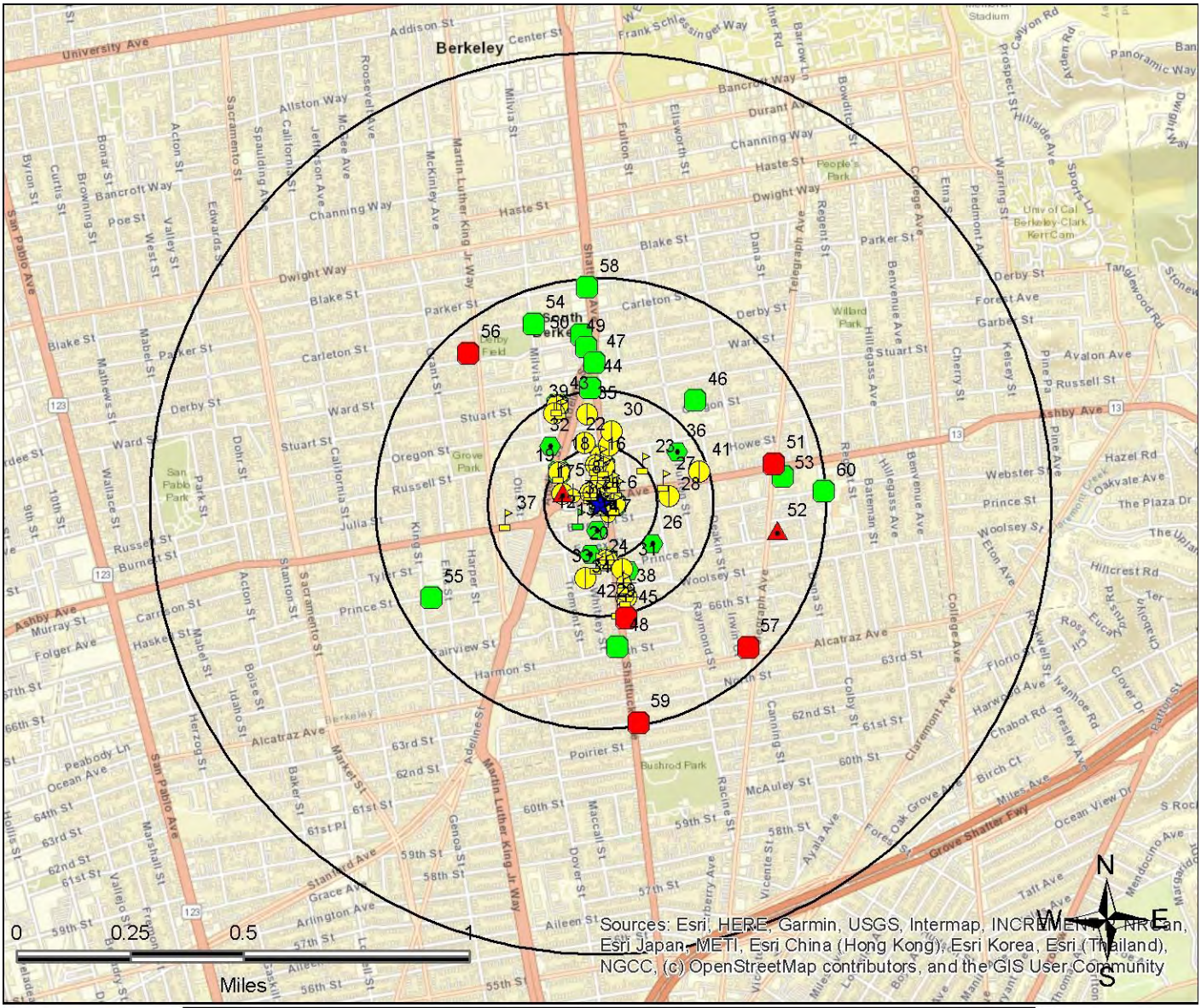
1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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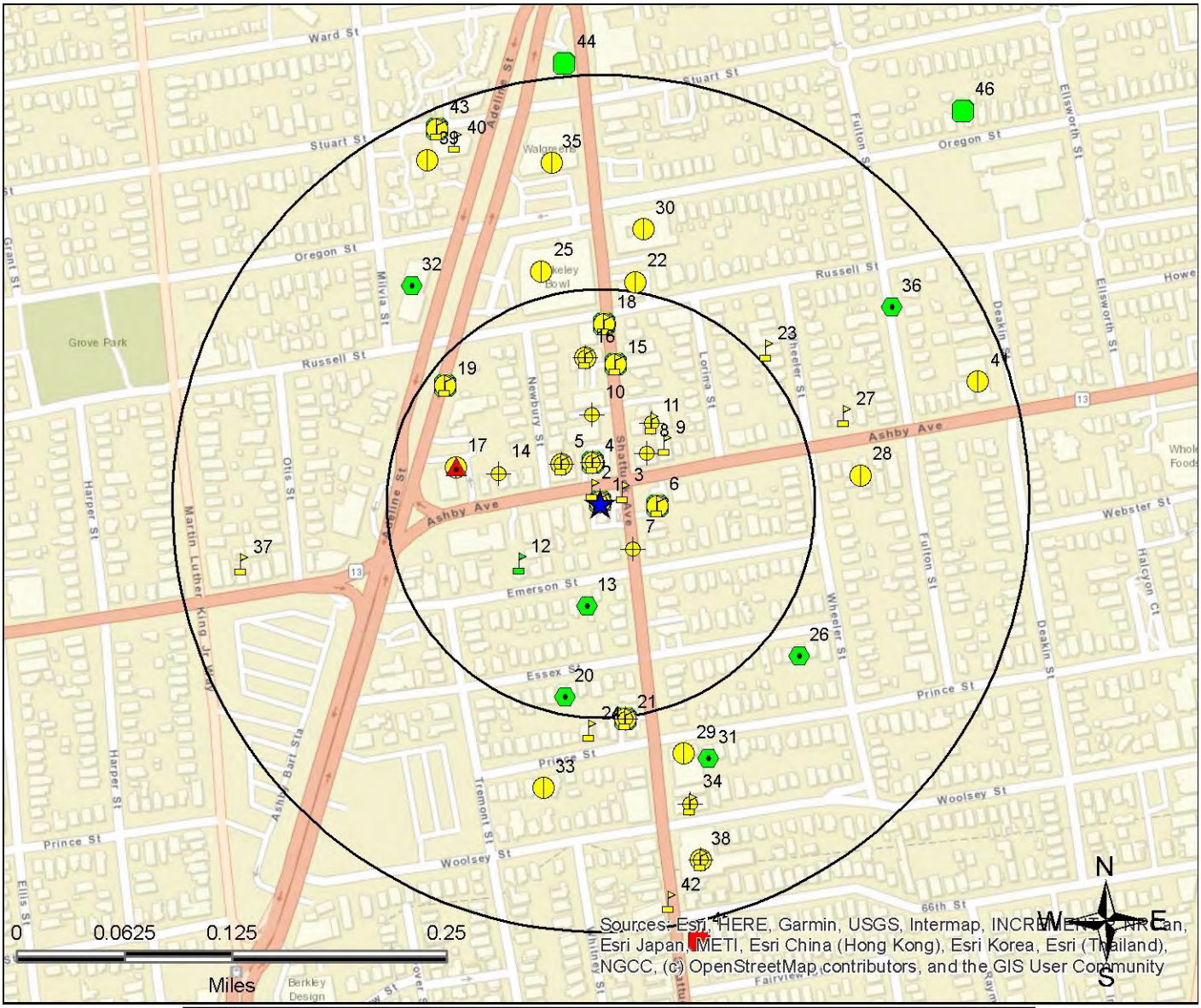
0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



Legend

- Federal NPL
- Federal Delisted NPL
- Federal CERCLIS
- Federal CERCLIS NFRAP
- Federal LUST
- Federal RCRA CORRACTS
- Federal RCRA non-CORRACTS TSD
- Federal RCRA Generators
- Federal UST
- Federal Inst/Eng Controls
- Federal Brownfield
- Federal ERNS
- Federal Emergency Release Reports
- Emergency Release Reports
- State/Tribal NPL
- State/Tribal CERCLIS Equivalent
- State/Tribal LUST
- State/Tribal Voluntary Cleanup Sites
- State/Tribal UST
- State/Tribal Brownfield
- State/Tribal Inst/Eng Controls
- State/Tribal Landfill/Solid Waste
- State/Tribal RCRA Equivalent
- State/Tribal ASTM Other
- ERS Supplemental Govt Sources
- ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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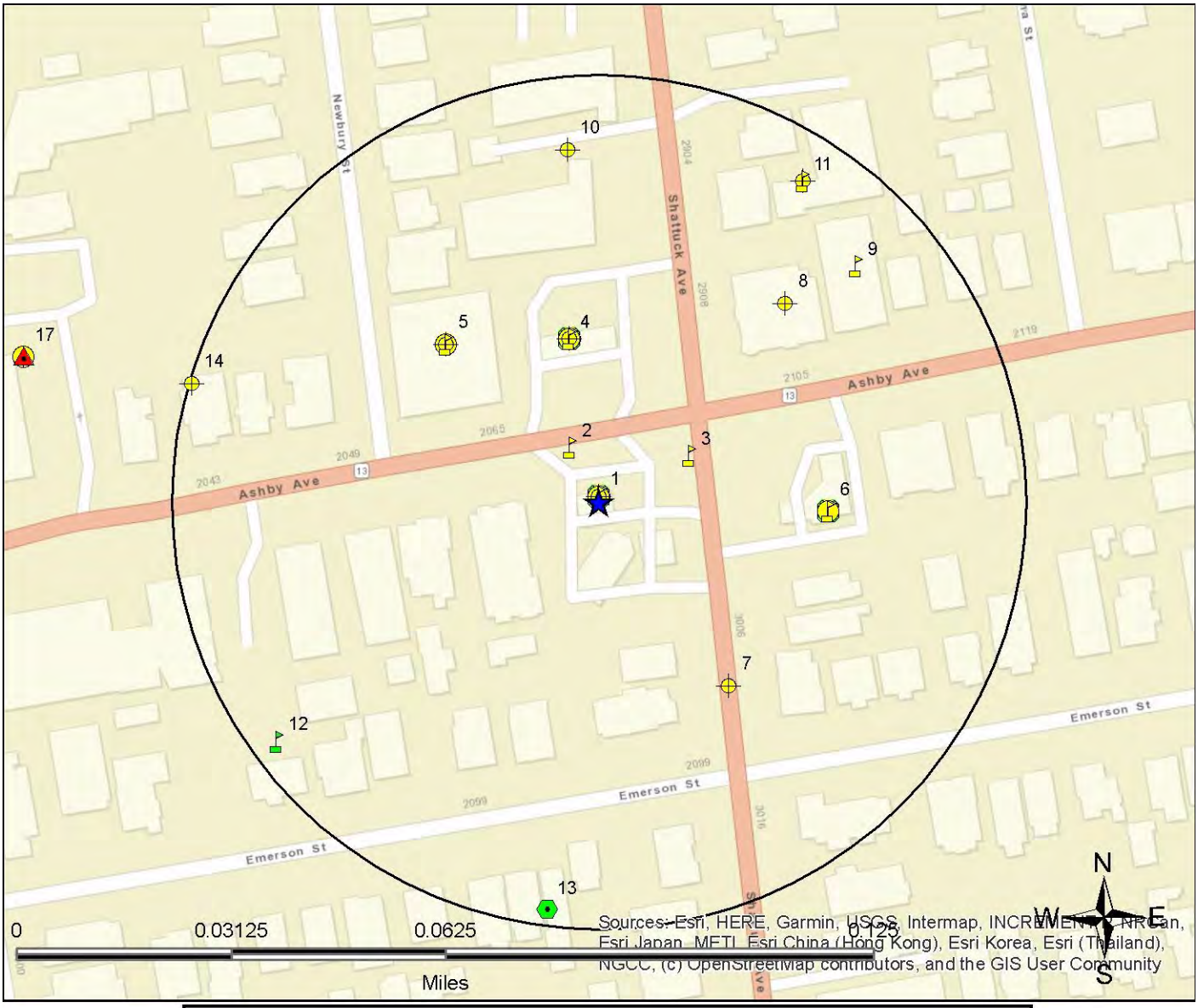
0.0625-MILE RADIUS STREET MAP W/ OCCURRENCES (MAP3)



Legend

- Federal NPL
- Federal Delisted NPL
- Federal CERCLIS
- Federal CERCLIS NFRAP
- Federal LUST
- Federal RCRA CORRACTS
- Federal RCRA non-CORRACTS TSD
- Federal RCRA Generators
- Federal UST
- Federal Inst/Eng Controls
- Federal Brownfield
- Federal ERNS
- Federal Emergency Release Reports
- Emergency Release Reports
- State/Tribal NPL
- State/Tribal CERCLIS Equivalent
- State/Tribal LUST
- State/Tribal Voluntary Cleanup Sites
- State/Tribal UST
- State/Tribal Brownfield
- State/Tribal Inst/Eng Controls
- State/Tribal Landfill/Solid Waste
- State/Tribal RCRA Equivalent
- State/Tribal ASTM Other
- ERS Supplemental Govt Sources
- ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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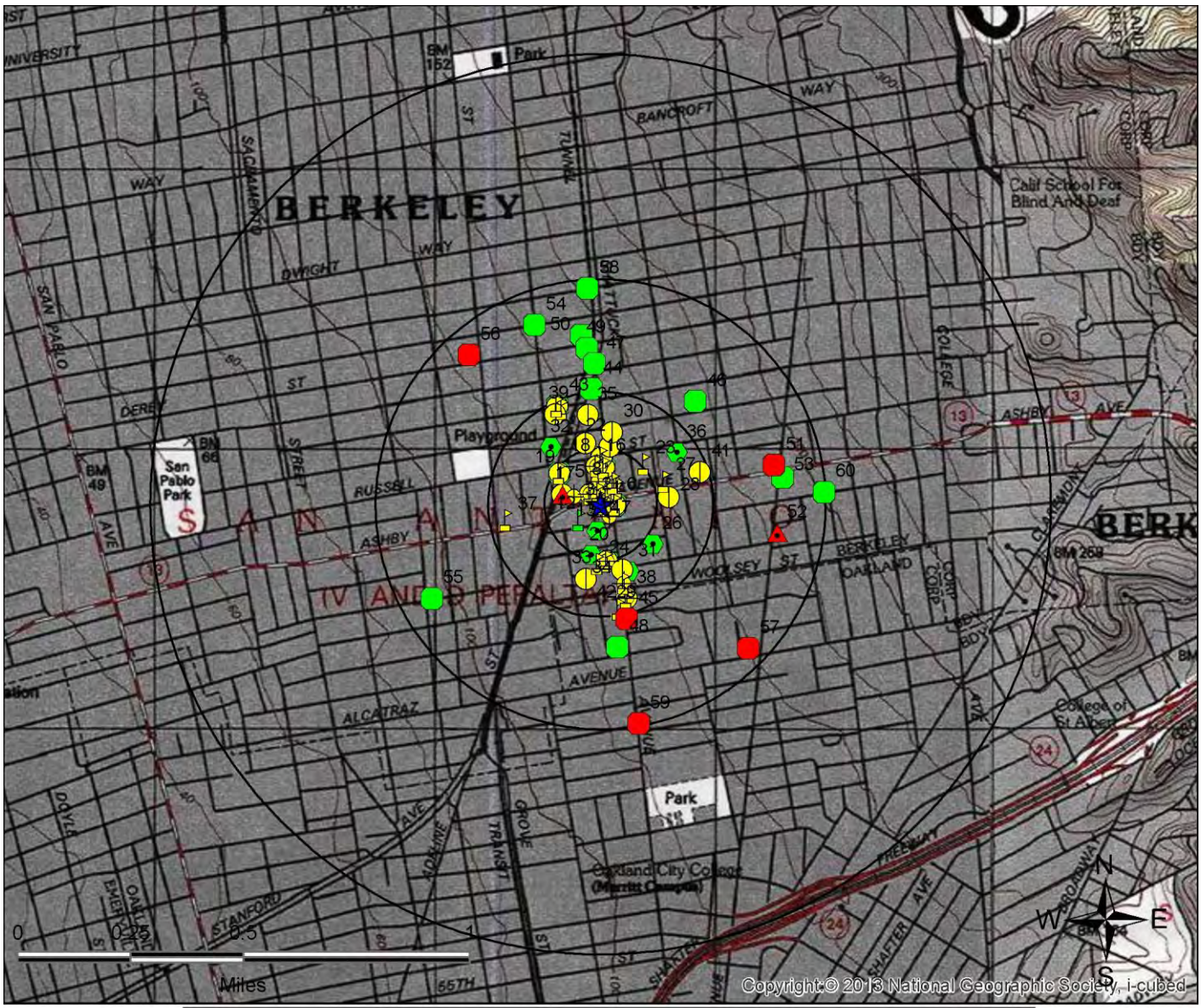
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP4)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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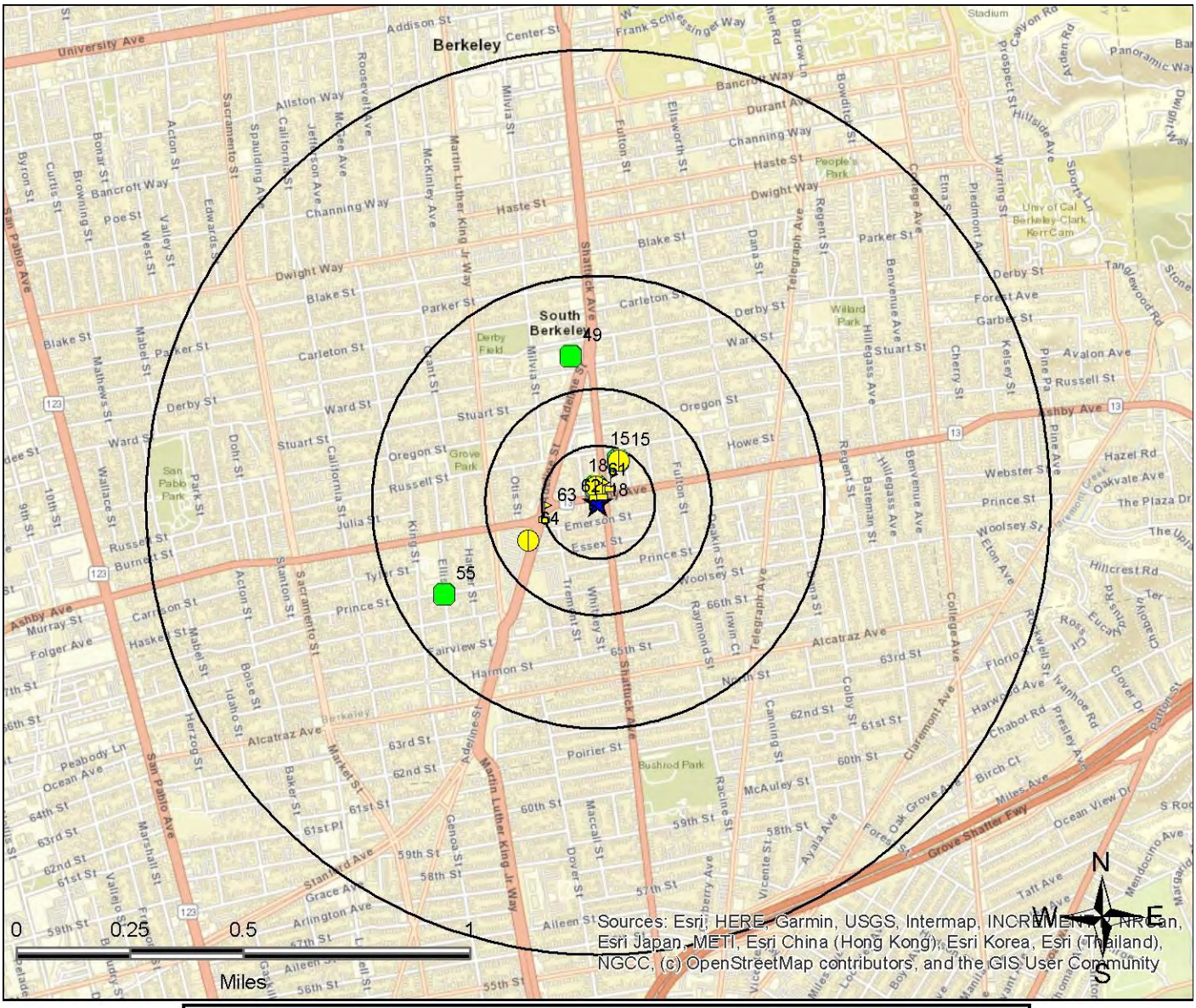
AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP5)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



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SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID / SITE NAME	ADDRESS / DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
15	257098 NEWBERRY STATION	2929 SHATTUCK AVE CRSP-CA	-122.26593, 37.85642	0.1	NE
15	T0600100963 NEWBERRY STATION	2929 SHATTUCK AVE ENF-CA	-122.26593, 37.85642	0.1	NE
15	T0600100963 NEWBERRY STATION	2929 SHATTUCK AVE LUST-Closed-CA	-122.265931, 37.856424	0.1	NE
18	259571 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE CRSP-CA	-122.26683, 37.85559	0.03	N
18	T0600101310 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE ENF-CA	-122.26683, 37.85559	0.03	N
18	T0600101310 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE LUST-Closed-CA	-122.266832, 37.855587	0.03	N
49	T0600100948 MCKEVITT VOLVO	2700 SHATTUCK AVE LUST-Closed-CA	-122.267824, 37.859781	0.33	N
55	T0600101832 MALCOM X SCHOOL	1734 PRINCE ST LUST-Closed-CA	-122.273016, 37.85218	0.4	SW
61	110002708008 IMPORTED CAR OF BERKELEY	2900 SHATTUCK AVE FRS-US	-122.26655, 37.85552	0.03	NE
61	110065850341 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE FRS-US	-122.26685, 37.8555	0.03	N
61	T0600101310 SOUTHWICK CHRYSLER PLYMOUTH	2900 SHATTUCK AVE Hist-CA	-122.266832, 37.855587	0.03	N
62	110065235711 NEWBERRY STATION	2929 SHATTUCK AVE FRS-US	-122.26623, 37.85578	0.05	NE
63	CAL000021355 ALCATRAZ CLEANERS	3330 ADELINE STREET DryCleaners-CA	-122.2689, 37.85481	0.12	W

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MAP ID	ID / SITE NAME	ADDRESS / DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
64	10196515 BART ASHBY SUBSTATION (RAS)	3100 ADELINE ST CERS-CA	-122.2696, 37.8539	0.18	SW
64	97442 BART ASHBY SUBSTATION (RAS)	3100 ADELINE ST CRSP-CA	-122.2696, 37.8539	0.18	SW

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MAPPED AIR PERMITS WITH POTENTIAL DISPERSION (MAP6)

Note: Occurrences on this map are reported in Air Quality databases. Potential air plumes are drawn in the direction of the prevailing wind.

Legend

- Federal NPL
- Federal Delisted NPL
- Federal CERCLIS
- Federal CERCLIS NFRAP
- Federal LUST
- Federal RCRA CORRACTS
- Federal RCRA non-CORRACTS TSD
- Federal RCRA Generators
- Federal UST
- Federal Inst/Eng Controls
- Federal Brownfield
- Federal ERNS
- Federal Emergency Release Reports
- Emergency Release Reports
- State/Tribal NPL
- State/Tribal CERCLIS Equivalent
- State/Tribal LUST
- State/Tribal Voluntary Cleanup Sites
- State/Tribal UST
- State/Tribal Brownfield
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- State/Tribal Landfill/Solid Waste
- State/Tribal RCRA Equivalent
- State/Tribal ASTM Other
- ERS Supplemental Govt Sources
- ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency/source. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. Potential air dispersion plumes are depicted to graphically show the direction contaminates may travel based on prevailing wind data and provide a visual screening tool only. Actual direction will vary especially by season. Depending on the actual contaminate, amount released, and other variables, the distance from the source the contaminate may travel can and will vary. Interpretation and review of all the actual relevant data by an environmental professional is recommended before making any decisions, conclusions or otherwise based on the map depictions, air data, and potential air dispersion plumes.

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LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Air-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO FACILITY #00414 - SHAZADA KHAN			1, 2, 3, 4	BAY AQMD-BA-111264
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

DETAILS

Toxic Facility Information
Agency ID Desc: The first portion is the Air Quality District, the second portion is the County, the last is the Facility ID
Facility ID: 111264
Database Year: 2015
Air Basin: SF
County Code: 1
District Code: BA
District: BAY AREA AQMD
Facility SIC Code: 5411
COID: ALA
Prioritization Thresholds: Not Reported
Health Risk Assessment (HRA): Not Reported
Non-Cancer Chronic Hazard Index: Not Reported
Non-Cancer Acute Hazard Index: Not Reported
CHAPIS: Not Reported
CERR Code: Not Reported

Pollutant Information
TOG - Total Organic Gases (Tons/Yr): 0.4178142
ROG - Reactive Organic Gases (Tons/Yr): 0.4178142
CO - Carbon Monoxide (Tons/Yr): Not Reported
NOx - Oxides of Nitrogen (Tons/Yr): Not Reported
SOx - Oxides of Sulfur (Tons/Yr): Not Reported
PM - Particulate Matter (Tons/Yr): Not Reported
PM - Particulate Matter - 10 Micrometers or Smaller (Tons/Yr): Not Reported

More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
Berkeley Gas & Smog	1, 2, 3, 4	10195858

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

General Program & Facility Information
CERS ID: 10195858
Facility ID: Not Reported
Facility Regulator Key ID: FA0000012
Organization Code: 90608449
Business/Organization Name: Berkeley Gas & Smog
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Business
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 4/27/2017 10:33:20 AM
Count of Submitted Elements: 30
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: 2
Property Owner Name: Xin Jin
Property Owner Phone Number: 5106922994
Property Owner Mailing Address: 3000 Shattuck Avenue
Property Owner Mailing City: Berkeley
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: United States

More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Baskaran Subbiah			1, 2, 3, 4	10195858-BC
ADDRESS			**CITY**	**ZIP**
3000 Shattuck AVE			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10195858
Owner Name: Berkeley Gas & Smog
Owner Address: 3000 Shattuck Avenue
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Baskaran Subbiah			1, 2, 3, 4	10195858-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 Shattuck AVE			Berkeley	

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DETAILS
County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Facility ID: 10195858 Owner Name: Berkeley Gas & Smog Owner Address: 3000 Shattuck Avenue Owner City: BERKELEY Owner State: CA Owner Zip: 94705 Mailing Address: 3000 Shattuck Ave Mailing City/State/Zip: Berkeley, CA 94705 Program/Element: 4100 - UST FACILITY Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U.S. Smog and Gas			1, 2, 3, 4	226362
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVENUE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 226362 Site EI ID: T10000004483 Agency Provided Latitude: 37.85501 Agency Provided Longitude: -122.266767 Program Description: Cleanup Program Site Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Berkeley Gas & Smog			1, 2, 3, 4	79434
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 79434 Site EI ID: 10195858 Agency Provided Latitude: 37.855011 Agency Provided Longitude: -122.266769 Program Description: Chemical Storage Facilities Program Description: Hazardous Waste Generator Program Description: Underground Storage Tank Evaluation Information Evaluation Date: 1/11/2018 Violations Found? (Y/N): No Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Hazardous waste epa ID# currently active. Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: HW Evaluation Source: CERS Evaluation Date: 1/11/2018 Violations Found? (Y/N): Yes Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1, 2, 3, 4	227246
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702

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DETAILS
Site Regulated Program Information Site ID: 227246 Site EI ID: T0600100094 Agency Provided Latitude: 37.855178 Agency Provided Longitude: -122.266687 Program Description: Leaking Underground Storage Tank Cleanup Site Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U.S. Smog and Gas			1, 2, 3, 4	T10000004483
ADDRESS			**CITY**	**ZIP**
3000 Shattuck Avenue			Berkeley	94705

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DETAILS
Global ID: T10000004483 County: Alameda Site History: A new release of mineral oil was detected as part of the UST case at this property. The mineral oil is suspected to be a separate release related to the hydraulic lifts on the property. This release was granted no further action by the Regional Water Board on 09/03/2014. Case Type: Cleanup Program Site Status: Completed - Case Closed Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: UUU Local Agency: BERKELEY, CITY OF RB Case Number: 01S0746 Loc Case Number: 13-3000SHA File Location: Not Reported Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating Potential Media Affected: Other Groundwater (uses other than drinking water) How Discovered: Subsurface Monitoring How Discovered Description: During groundwater monitoring, oil film developed. Stop Method: Other Means Stop Method Description: Lift repaired Action Date: 2014-09-03 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter Action Date: 2013-07-29 Action Type: ENFORCEMENT Action: Technical Correspondence / Assistance / Other Action Date: 2013-07-11 Action Type: ENFORCEMENT More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1, 2, 3, 4	T0600100094
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702

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DETAILS
Global ID: T0600100094 County: Alameda Site History: Not Reported Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-0102 Loc Case Number: 27540 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Close and Replace Tank Stop Method Description: Tank system replacement, excavation. Action Date: 2013-02-14 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter Action Date: 2012-12-13 Action Type: ENFORCEMENT Action: Notification - Public Notice of Case Closure Action Date: 2010-12-29 Action Type: ENFORCEMENT More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	110065829946
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

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DETAILS
FRS Facility Detail Report URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065829946 Create Date: 13-OCT-2015 15:20:31 Update Date: 14-OCT-2015 11:26:46 Program System: CA-ENVIROVIEW Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1, 2, 3, 4	110066138405
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702
DETAILS				
FRS Facility Detail Report URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066138405 Create Date: 14-OCT-2015 10:05:14 Program System: CA-ENVIROVIEW Interest Type(s): STATE MASTER				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	123655624-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

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DETAILS
Original Database: City-CUPA-CA Last Agency Status: INACTIVE Archive Date: 05/15/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HAZ WASTE GENERATOR Status: INACTIVE Program/Element: HMBP Status: INACTIVE Program/Element: UST FACILITY Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U.S. Smog and Gas			1, 2, 3, 4	36548764-T10000004483
ADDRESS			**CITY**	**ZIP**
3000 Shattuck Avenue			Berkeley	947054
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	55-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

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DETAILS
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 05/15/16 No Longer Listed-Note: This is an ERS assigned ID County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Program/Element: UST FACILITY Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	98896-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Program/Element: UST FACILITY Status: Active				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	72CDA684-1346-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO #0414			1, 2, 3, 4	T0600100094
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVENUE & ASHBY			BERKELEY	94702

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DETAILS
Original Database: UST-Priority-CA Last Agency Status: Listed Archive Date: 05/28/21 No Longer Listed-Facility Information Global ID: T0600100094 Claim Number: 11238 SITE STATUS: Completed - Case Closed County: Alameda Priority: D Rank: 508 Report Date: 4/15/1988 Discovered Date: 4/15/1988 Claimant: BP PRODUCTS NORTH AMERICA, INC., ASSIGNEE Lead Agency: BERKELEY, CITY OF Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2) GIS Information Agency Provided Longitude: -122.266687452793 Agency Provided Latitude: 37.8551776386414

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Berkeley Gas & Smog			1, 2, 3, 4	FA0001005-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 Shattuck AVE			Berkeley	

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DETAILS
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 03/22/19 No Longer Listed-County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Facility ID: FA0001005 CERS ID: 10195858 Owner Name: Baskaran Subbiah Owner Address: 3000 Shattuck Avenue Owner City: Berkeley Owner State: CA Owner Zip: 94705 Mailing Address: 3000 Shattuck Ave Mailing City/State/Zip: Berkeley, CA 94705 Program/Element: UST FACILITY Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1, 2, 3, 4	9D43DDF8-T0600100094
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BP WEST COAST PRODUCTS LLC 0414			1, 2, 3, 4	CAL000226019
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	947050000

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DETAILS
Original Database: HWIS-CA Last Agency Status: Listed Archive Date: 10/07/21 No Longer Listed-EPA ID: CAL000226019 Facility County: 01 Mailing Street: PO BOX 6038 Mailing City: ARTESIA Mailing State: CA Mailing Zip: 907026038 Contact Name: JACK OMAN Contact Phone: 7146705402 Year: 2004 TONS: 0.357 TSD EPA ID: CAT080013352 Category Code: 134 Category Description: Aqueous solution with total organic residues less than 10 percent Method Description: RECYCLER Year: 2003 TONS: 0.21 TSD EPA ID: CAT080013352 Category Code: 134 Category Description: Aqueous solution with total organic residues less than 10 percent Method Description: RECYCLER Year: 2002 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	123654962-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

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DETAILS
Original Database: City-CUPA-CA Last Agency Status: ACTIVE, CUPA Archive Date: 05/15/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HMBP Status: ACTIVE, CUPA Program/Element: UST FACILITY Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
BANKRUPTCY ESTATE OF SHAHZADA KHAN	1, 2, 3, 4	CAC002792868

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS
Original Database: HWIS-CA Last Agency Status: Listed Archive Date: 10/07/21 No Longer Listed-EPA ID: CAC002792868 Facility County: 01 Mailing Street: 1 MARKET, LANDMARK, STE 620 Mailing City: SAN FRANCISCO Mailing State: CA Mailing Zip: 94105 Contact Name: ANTHONY R CALASCIBETTA, TRUSTEE Contact Phone: 7326858899 Year: 2014 TONS: 0.136 TSD EPA ID: CAT080013352 Category Code: 343 Category Description: Unspecified organic liquid mixture Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	72CDA684-1347-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO PRODUCTS COMPANY			1, 2, 3, 4	CAL000023651
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	947050000

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DETAILS
Original Database: HWIS-CA Last Agency Status: Listed Archive Date: 10/07/21 No Longer Listed-EPA ID: CAL000023651 Facility County: 1 Mailing Street: PO BOX 6038 Mailing City: ARTESIA Mailing State: CA Mailing Zip: 907026038 Contact Name: ATLANTIC RICHFIELD COMPANY Contact Phone: 2134860494 Year: 2001 TONS: 1.45 TSD EPA ID: CAT080013352 Category Code: 134 Category Description: Aqueous solution with total organic residues less than 10 percent Method Description: RECYCLER Year: 2000 TONS: 6 TSD EPA ID: CAT080033681 Category Code: 512 Category Description: Other empty containers 30 gallons or more Method Description: RECYCLER Year: 2000 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	FA0000012-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

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DETAILS
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 03/22/19 No Longer Listed-County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Facility ID: FA0000012 CERS ID: Not Reported Owner Name: SHAZADA KHAN Owner Address: 3000 SHATTUCK AVENUE Owner City: BERKELEY Owner State: CA Owner Zip: 94705 Mailing Address: 3000 SHATTUCK AVENUE Mailing City/State/Zip: BERKELEY, CA 94705 Program/Element: UST FACILITY Billing Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
KHAN'S ARCO SMOG PROS			1, 2, 3, 4	CAL000136028
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	947050000

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DETAILS
Original Database: HWIS-CA Last Agency Status: Listed Archive Date: 10/07/21 No Longer Listed-EPA ID: CAL000136028 Facility County: 1 Mailing Street: 3000 SHATTUCK AVE Mailing City: BERKELEY Mailing State: CA Mailing Zip: 947050000 Contact Name: SHAZADA KHAN Contact Phone: 5108143414 Year: 1997 TONS: 0.125 TSD EPA ID: CAD009466392 Category Code: 512 Category Description: Other empty containers 30 gallons or more Method Description: RECYCLER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	98897-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS
Original Database: City-CUPA-CA Last Agency Status: Active Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HMBP Status: Active

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO - ANAND'S STATION #41			1, 2, 3, 4	A0FF0C01-4617
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1, 2, 3, 4	T0600100094
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702

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DETAILS
Original Database: SLIC-Closed-CA Last Agency Status: Completed - Case Closed Archive Date: 12/17/21 No Longer Listed-Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100094 Global ID: T0600100094 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 2/14/2013 CUF Case: YES Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-0102 Loc Case Number: 27540 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 4/15/1988 How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Close and Replace Tank Stop Method Description: Tank system replacement, excavation. Agency Provided Latitude: 37.855177639 Agency Provided Longitude: -122.26668745 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	90171-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

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DETAILS
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 08/11/16 No Longer Listed-Note: This is an ERS assigned ID County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Program/Element: UST FACILITY Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	99694-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
Original Database: City-CUPA-CA Last Agency Status: Inactive Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: UST FACILITY Status: Inactive				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U.S. Smog and Gas			1, 2, 3, 4	4C551C90-T10000004483
ADDRESS			**CITY**	**ZIP**
3000 Shattuck Avenue			Berkeley	947054

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DETAILS
No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
KHAN'S ARCO SMOG PROS			1, 2, 3, 4	BBF69942-CAL000136028
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	99694-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Program/Element: UST FACILITY Status: Inactive				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Berkeley Gas & Smog			1, 2, 3, 4	FA0001005-BC
ADDRESS			**CITY**	**ZIP**
3000 Shattuck AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE
Archive Date: 03/22/19
No Longer Listed-Responsible Agency: City of Berkeley
Facility ID: FA0001005
CERS ID: 10195858
Owner Name: Baskaran Subbiah
Owner Address: 3000 Shattuck Avenue
Owner City: Berkeley
Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: HAZ WASTE GENERATOR
Billing Status: ACTIVE

Program/Element: HMBP
Billing Status: ACTIVE

Program/Element: STORMWATER
Billing Status: ACTIVE

Program/Element: UST FACILITY
Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	100312-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

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DETAILS
Original Database: City-CUPA-CA Last Agency Status: Inactive Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HMBP Status: Inactive

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	98896-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
Original Database: City-CUPA-CA Last Agency Status: Active Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: UST FACILITY Status: Active				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO - ANAND'S STATION #41			1, 2, 3, 4	553493
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Original Database: UST-CA Last Agency Status: Listed Archive Date: 03/27/17 No Longer Listed-More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp Global ID: 17 COUNTY: Alameda Permitting Agency: BERKELEY, CITY OF Agency Provided Latitude: 37.8563391 Agency Provided Longitude: -122.2654173 PROJECT TYPE: Not Reported RB Case Number: Not Reported LOC Case Number: Not Reported Case Worker: Not Reported MTBE DATE: Not Reported GW CONC (PPB): Not Reported MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	90838-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 08/11/16 No Longer Listed-Note: This is an ERS assigned ID County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Program/Element: UST FACILITY Status: INACTIVE

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	72CDA684-1348-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	FA0000012-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

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DETAILS
Original Database: City-CUPA-CA Last Agency Status: INACTIVE Archive Date: 03/22/19 No Longer Listed-Responsible Agency: City of Berkeley Facility ID: FA0000012 CERS ID: Not Reported Owner Name: SHAZADA KHAN Owner Address: 3000 SHATTUCK AVENUE Owner City: BERKELEY Owner State: CA Owner Zip: 94705 Mailing Address: 3000 SHATTUCK AVENUE Mailing City/State/Zip: BERKELEY, CA 94705 Program/Element: HAZ WASTE GENERATOR Billing Status: INACTIVE Program/Element: HMBP Billing Status: INACTIVE Program/Element: UST FACILITY Billing Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1, 2, 3, 4	1355-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	
DETAILS				
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 07/15/15 No Longer Listed-County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Program/Element: UST FACILITY Status: Active				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1, 2, 3, 4	8-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
KULTARAN ANAND&GOBIND SMOG 414			1, 2, 3, 4	7814635
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	

DETAILS

Reported Date: 1998

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-City-UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO - ANAND'S STATION #41			1, 2, 3, 4	929802
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	
DETAILS				
Reported Date: 1998 List: City of Berkeley UST List Agency: City of Berkeley				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO			1, 2, 3, 4	929802
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1, 2, 3, 4	8034-R2
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702

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DETAILS
Region: 2 - San Francisco County: Alameda Ground Water Detection Limit: 8400 Soil Detection Limit: Not Reported MTBE Cnts: 3 MTBE Fuel: 0 Status: 8 MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO			1, 2, 3, 4	929802
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ANANDS ARCO & MINI MART			1, 2, 3, 4	3236-PD
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705-1821

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DETAILS
Listing Year: 1997 SIC Category: SERVICE STATIONS-GASOLINE & OIL SIC Code: 554101

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Anand's Arco & Mini Market			1, 2, 3, 4	26514
ADDRESS			**CITY**	**ZIP**
3000 Shattuck Ave			Berkeley	94705
DETAILS				
Sic Code: 5541 Desc: Service Stations/Vehicle Fueling Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO - ANAND'S STATION #41			1, 2, 3, 4	200528
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVENUE			BERKELEY	94710
DETAILS				
AS OF DATE: 7/18/2001 SITE TYPE: RETAIL TANK TYPE: UST COUNTY: ALAMEDA				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U S SMOG & GAS			1, 2, 3, 4	113479
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	94705
DETAILS				
Sic Code: 5541 Desc: Service Stations/Vehicle Fueling Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
SMOG PROS			1, 2, 3, 4	52305-PD
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705-1821
DETAILS				
Listing Year: 1997 SIC Category: SERVICE STATIONS-GASOLINE & OIL SIC Code: 554101				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
NONE			1, 2, 3, 4	252190
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035D23.pdf

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1, 2, 3, 4	T0600100094
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702

DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100094
Global ID: T0600100094
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2/14/2013
CUF Case: YES
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0102
Loc Case Number: 27540
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 4/15/1988
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Close and Replace Tank
Stop Method Description: Tank system replacement, excavation.
Agency Provided Latitude: 37.855177639
Agency Provided Longitude: -122.26668745

Regulatory Activities Details
Action Date: 1986-09-08 00:00:00
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Closed-CA	Completed - Case Closed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U.S. Smog and Gas			1, 2, 3, 4	T10000004483
ADDRESS			**CITY**	**ZIP**
3000 Shattuck Avenue			Berkeley	94705

DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004483
Global ID: T10000004483
Case Type: Cleanup Program Site
Status: Completed - Case Closed
Status Date: 9/3/2014
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01S0746
Loc Case Number: 13-3000SHA
File Location: Not Reported
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 10/27/1993
How Discovered: Subsurface Monitoring
How Discovered Description: During groundwater monitoring, oil film developed.
Stop Method: Other Means
Stop Method Description: Lift repaired
Agency Provided Latitude: 37.85501
Agency Provided Longitude: -122.266767

Regulatory Activities Details
Action Date: 1993-10-27 00:00:00
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Berkeley Gas & Smog			1, 2, 3, 4	256137
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

DETAILS

More Information on Site? Go to Following Link:
http://geotracker.waterboards.ca.gov/search.asp
CERSID: 10195858
Global ID: Not Reported
COUNTY: Alameda
Permitting Agency: Berkeley City Toxics Management Division
Agency Provided Latitude: 37.85501
Agency Provided Longitude: -122.26677
PROJECT TYPE: Not Reported
RB Case Number: Not Reported
LOC Case Number: Not Reported
Case Worker: Not Reported
MTBE DATE: Not Reported
GW CONC (PPB): Not Reported
MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Berkeley Gas & Smog			1, 2, 3, 4	79434
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 79434 Site EI ID: 10195858 Agency Provided Latitude: 37.855011 Agency Provided Longitude: -122.266769 Program Description: Underground Storage Tank Evaluation Information Evaluation Date: 1/6/2021 Violations Found? (Y/N): Yes Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Monitoring system certification, overfill prevention inspection, and secondary containment testing completed this date by Bill McCarthy and Tony Fontana of U.S.T. Compliance Testing Inc. Received a copy of the alarm history. Reviewed training certificates Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: UST Evaluation Source: CERS Evaluation Date: 1/6/2021 Violations Found? (Y/N): No Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): The facility has a waste oil underground storage tank. The CERS submittal indicates the annual waste amount generated is 0 and the owner indicates they no longer use the tank. Provide TMD with confirmation that all used oil has been removed from the tank Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: HW Evaluation Source: CERS More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.01 miles NW	144 ft (0 ft higher than site)	2
SITE NAME			**MAPS**	**ID**
1X KENTWELL CO INC			1, 2, 3, 4	7730453
ADDRESS			**CITY**	**ZIP**
2076 ASHBY AVE			BERKELEY	947040000
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.01 miles NE	147 ft (3 ft higher than site)	3
SITE NAME			**MAPS**	**ID**
ARCO			1, 2, 3, 4	929802
ADDRESS			**CITY**	**ZIP**
3000 SHATTOCK			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Air-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL OIL COMPANY			1, 2, 3, 4	BAY AQMD-BA-9614
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVENUE			BERKELEY	94703

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DETAILS
Toxic Facility Information Agency ID Desc: The first portion is the Air Quality District, the second portion is the County, the last is the Facility ID Facility ID: 9614 Database Year: 2015 Air Basin: SF County Code: 1 District Code: BA District: BAY AREA AQMD Facility SIC Code: 4953 COID: ALA Prioritization Thresholds: Not Reported Health Risk Assessment (HRA): Not Reported Non-Cancer Chronic Hazard Index: Not Reported Non-Cancer Acute Hazard Index: Not Reported CHAPIS: Not Reported CERR Code: Not Reported Pollutant Information TOG - Total Organic Gases (Tons/Yr): 0.000000342 ROG - Reactive Organic Gases (Tons/Yr): 0.000000245 CO - Carbon Monoxide (Tons/Yr): Not Reported NOx - Oxides of Nitrogen (Tons/Yr): Not Reported SOx - Oxides of Sulfur (Tons/Yr): Not Reported PM - Particulate Matter (Tons/Yr): 0.000177627 PM - Particulate Matter - 10 Micrometers or Smaller (Tons/Yr): 0.000170522 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Air-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO			1, 2, 3, 4	BAY AQMD-BA-100580
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Toxic Facility Information Agency ID Desc: The first portion is the Air Quality District, the second portion is the County, the last is the Facility ID Facility ID: 100580 Database Year: 2015 Air Basin: SF County Code: 1 District Code: BA District: BAY AREA AQMD Facility SIC Code: 5411 COID: ALA Prioritization Thresholds: Not Reported Health Risk Assessment (HRA): Not Reported Non-Cancer Chronic Hazard Index: Not Reported Non-Cancer Acute Hazard Index: Not Reported CHAPIS: Not Reported CERR Code: Not Reported Pollutant Information TOG - Total Organic Gases (Tons/Yr): 0.670566 ROG - Reactive Organic Gases (Tons/Yr): 0.670566 CO - Carbon Monoxide (Tons/Yr): Not Reported NOx - Oxides of Nitrogen (Tons/Yr): Not Reported SOx - Oxides of Sulfur (Tons/Yr): Not Reported PM - Particulate Matter (Tons/Yr): Not Reported PM - Particulate Matter - 10 Micrometers or Smaller (Tons/Yr): Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	10196353
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

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DETAILS
General Program & Facility Information CERS ID: 10196353 Facility ID: Not Reported Facility Regulator Key ID: FA0000320 Organization Code: 90166987 Business/Organization Name: XTRA OIL CO - SHATTUCK DBA CHEVRON Multiple Jurisdictional Business? (Y/N): No Business Origin: Seeding Count of Business' CERS User Accounts: 1 Facility Count for Business: 1 Last Submittal Date (any element): 2/15/2017 1:08:00 PM Count of Submitted Elements: 34 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: CARRIE ESTADT Facility Specific Information Assessor Parcel Number (APN): Not Reported Number of Employees: Not Reported Property Owner Name: Edward Simas Property Owner Phone Number: 510-865-9503 Property Owner Mailing Address: 2307 Pacific Ave. Property Owner Mailing City: Alameda Property Owner Mailing State: CA Property Owner Mailing Zip Code: 94501 Property Owner Mailing Country: United States More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Edward Simas			1, 2, 3, 4	10196353-BC
ADDRESS			**CITY**	**ZIP**
2996 Shattuck AVE			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196353 Owner Name: XTRA OIL CO - SHATTUCK DBA CHEVRON Owner Address: 2307 Pacific Ave. Owner City: ALAMEDA Owner State: CA Owner Zip: 94501 Mailing Address: 2307 Pacific Ave. Mailing City/State/Zip: Alameda, CA 94501 Program/Element: 4100 - UST FACILITY Billing Status: 01 - ACTIVE, CUPA Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: 4400 - HAZ WASTE GENERATOR Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-UST-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Edward Simas			1, 2, 3, 4	10196353-ALA-BK
ADDRESS			**CITY**	**ZIP**
2996 Shattuck AVE			Berkeley	

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DETAILS
County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Facility ID: 10196353 Owner Name: XTRA OIL CO - SHATTUCK DBA CHEVRON Owner Address: 2307 Pacific Ave. Owner City: ALAMEDA Owner State: CA Owner Zip: 94501 Mailing Address: 2307 Pacific Ave. Mailing City/State/Zip: Alameda, CA 94501 Program/Element: 4100 - UST FACILITY Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Former Shell			1, 2, 3, 4	225111
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

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DETAILS
Site Regulated Program Information Site ID: 225111 Site EI ID: T0600101247 Agency Provided Latitude: 37.855444 Agency Provided Longitude: -122.266674 Program Description: Leaking Underground Storage Tank Cleanup Site Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	172501
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 172501 Site EI ID: 10196353 Agency Provided Latitude: 37.85545 Agency Provided Longitude: -122.26686 Program Description: Chemical Storage Facilities Program Description: Hazardous Waste Generator Program Description: Underground Storage Tank Program Description: US EPA Air Emission Inventory System (EIS) Evaluation Information Evaluation Date: 5/3/2018 Violations Found? (Y/N): No Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Onsite for routine inspection at time of monitoring system certification and secondary containment testing. Met with Ivy Zhou, cashier, and Bill McCarthy and Tony Fontana, service technicians with UST Compliance Testing, Inc. Received system setup and alarm history. Confirmed training, alarm logs maintained, and DO reports are complete. Groundwater is leaking in to the 91 STP sump through an electrical penetration about 4 feet above the bottom of the sump. Service technician placed a 5 gallon bucket below the leak to collect the groundwater. The bucket does not appear to interfere with the monitoring of the piping. Please ensure to repair the leak. Service technicians tested and confirmed operation of the sump and UDC sensors, fail safe, positive shutdown, sensor out, and high and low level alarms on the annular sensors. Service technicians confirmed operation of the line leak detectors and fill buckets. Provide a copy of the certification and secondary [Truncated] Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: UST Evaluation Source: CERS Evaluation Date: 5/4/2017 Violations Found? (Y/N): Yes More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Former Shell			1, 2, 3, 4	T0600101247
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

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DETAILS
Global ID: T0600101247 County: Alameda Site History: Wells destroyed. Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-1352 Loc Case Number: 01-1352 File Location: Local Agency Potential Contaminants of Concern: Diesel, Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) How Discovered: Tank Closure How Discovered Description: Tank Removal Stop Method: Other Means Stop Method Description: Remove and replace tanks Action Date: 2013-01-15 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter Action Date: 2012-11-01 Action Type: ENFORCEMENT Action: Notification - Public Participation Document Action Date: 2011-08-16 Action Type: ENFORCEMENT More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
FORMER SHELL			1, 2, 3, 4	110066313153
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

DETAILS
FRS Facility Detail Report URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066313153 Create Date: 14-OCT-2015 10:56:48 Program System: CA-ENVIROVIEW Interest Type(s): STATE MASTER

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	110055805213
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

DETAILS

FRS Facility Detail Report URL:
http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055805213
Create Date: 15-SEP-2013 12:55:10
Update Date: 01-JUN-2017 17:20:32
Program System: CA-CERS, CA-ENVIROVIEW, EIS, RCRAINFO
Interest Type(s): AIR EMISSIONS CLASSIFICATION UNKNOWN, SQG, STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	123655684-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE, CUPA
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HAZ WASTE GENERATOR
Status: ACTIVE, CUPA

Program/Element: HMBP
Status: ACTIVE, CUPA

Program/Element: UST FACILITY
Status: ACTIVE, CUPA

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
Former Shell	1, 2, 3, 4	T0600101247

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94704

DETAILS

Original Database: SLIC-Closed-CA
Last Agency Status: Completed - Case Closed
Archive Date: 12/17/21
No Longer Listed-Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101247
Global ID: T0600101247
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/13/2013
CUF Case: YES
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1352
Loc Case Number: 01-1352
File Location: Local Agency
Potential Contaminants of Concern: Diesel, Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 1/12/1990
How Discovered: Tank Closure
How Discovered Description: Tank Removal
Stop Method: Other Means
Stop Method Description: Remove and replace tanks
Agency Provided Latitude: 37.855444484
Agency Provided Longitude: -122.26667434

More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Former Shell			1, 2, 3, 4	A9E1C143-T0600101247
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	99531-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	
DETAILS				
Original Database: City-CUPA-CA Last Agency Status: Active Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: UST FACILITY Status: Active				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	99530-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HAZ WASTE GENERATOR
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	99529-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: Active

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	90898-ALA-BK
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 08/11/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	FA0000320-BC
ADDRESS			**CITY**	**ZIP**
2996 Shattuck AVE			Berkeley	

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DETAILS
Original Database: City-CUPA-CA Last Agency Status: ACTIVE Archive Date: 03/22/19 No Longer Listed-Responsible Agency: City of Berkeley Facility ID: FA0000320 CERS ID: 10196353 Owner Name: Edward Simas Owner Address: 2307 Pacific Ave. Owner City: Alameda Owner State: CA Owner Zip: 94501 Mailing Address: 2307 Pacific Ave. Mailing City/State/Zip: Alameda, CA 94501 Program/Element: HAZ WASTE GENERATOR Billing Status: ACTIVE Program/Element: HMBP Billing Status: ACTIVE Program/Element: STORMWATER Billing Status: ACTIVE Program/Element: UST FACILITY Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	100370-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS
Original Database: City-CUPA-CA Last Agency Status: Inactive Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HMBP Status: Inactive

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Name Changed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL COMPANY DBA CHEVRON	1, 2, 3, 4	CAL000305472

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 04/28/16
Name Changed-Year: 2013
CAT_DESC: Other organic solids
CODE_VALUE_DESC: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
TONS: 0.075

Year: 2010
CAT_DESC: Unspecified oil-containing waste
CODE_VALUE_DESC: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
TONS: 0.1251

Year: 2010
CAT_DESC: Other organic solids
CODE_VALUE_DESC: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
TONS: 0.1

Year: 2009
CAT_DESC: Unspecified oil-containing waste
CODE_VALUE_DESC: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
TONS: 0.22935

Year: 2008
CAT_DESC: Unspecified oil-containing waste
CODE_VALUE_DESC: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
TONS: 0.60465

More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	72CDA684-1440-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	99531-ALA-BK
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	
DETAILS				

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: Active

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
SHATTUCK SELF SERVE	1, 2, 3, 4	4993

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94704

DETAILS

Original Database: UST-Priority-CA
Last Agency Status: Listed
Archive Date: 12/05/16
No Longer Listed-Facility Information
Global ID: 4993
Claim Number: T0600101247
County: Alameda
Priority: D
Rank: 303
Report Date: 4/13/1990
Stop Date: 4/13/1990
Discovered Date: 4/13/1990
Claimant: EQUILON ENTERPRISES, LLC, ASSIGNEE
Lead Agency: BERKELEY, CITY OF
Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2)
Region: SAN FRANCISCO BAY RWQCB
Region Code: REGION 2

GIS Information
Agency Provided Longitude: -122.2666743
Agency Provided Latitude: 37.85544448

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1, 2, 3, 4	72CDA684-1439-BC

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	Berkeley	

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DETAILS
No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL			1, 2, 3, 4	4520598C-CAL000305472
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL COMPANY			1, 2, 3, 4	559655
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Original Database: UST-CA Last Agency Status: Listed Archive Date: 03/27/17 No Longer Listed-More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp Global ID: 813 COUNTY: Alameda Permitting Agency: BERKELEY, CITY OF Agency Provided Latitude: 37.85545 Agency Provided Longitude: -122.26655 PROJECT TYPE: Not Reported RB Case Number: Not Reported LOC Case Number: Not Reported Case Worker: Not Reported MTBE DATE: Not Reported GW CONC (PPB): Not Reported MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL			1, 2, 3, 4	CAL000305472
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Original Database: HWIS-CA Last Agency Status: Listed Archive Date: 10/07/21 No Longer Listed-EPA ID: CAL000305472 Facility County: 01 Mailing Street: 2307 PACIFIC AVE Mailing City: ALAMEDA Mailing State: CA Mailing Zip: 94501 Contact Name: KEITH SIMAS Contact Phone: 5108659503 Year: 2013 TONS: 0.075 TSD EPA ID: CAD028409019 Category Code: 352 Category Description: Other organic solids Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135) Year: 2010 TONS: 0.1251 TSD EPA ID: NVD982358483 Category Code: 223 Category Description: Unspecified oil-containing waste Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT Year: 2010 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL OIL PRODUCTS SAP 135099			1, 2, 3, 4	CAR000170431
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	947051809

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DETAILS
Original Database: HWIS-CA Last Agency Status: Listed Archive Date: 10/07/21 No Longer Listed-EPA ID: CAR000170431 Facility County: 01 Mailing Street: 12700 NORTHBOROUGH DR 300G03 Mailing City: HOUSTON Mailing State: TX Mailing Zip: 770670000 Contact Name: R HULL/ENV. REPORTING ANALYST Contact Phone: 2818742238 Year: 2006 TONS: 0.0875 TSD EPA ID: CAD028409019 Category Code: 181 Category Description: Other inorganic solid waste Method Description: TRANSFER STATION

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	FA0000320-ALA-BK
ADDRESS			**CITY**	**ZIP**
2996 Shattuck AVE			Berkeley	

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DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 03/22/19
No Longer Listed-County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Facility ID: FA0000320
CERS ID: 10196353
Owner Name: Edward Simas
Owner Address: 2307 Pacific Ave.
Owner City: Alameda
Owner State: CA
Owner Zip: 94501
Mailing Address: 2307 Pacific Ave.
Mailing City/State/Zip: Alameda, CA 94501
Program/Element: UST FACILITY
Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
EQUILON ENTERPRISES LLC			1, 2, 3, 4	CAL000202690
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	947050000

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DETAILS
Original Database: HWIS-CA Last Agency Status: Listed Archive Date: 10/07/21 No Longer Listed-EPA ID: CAL000202690 Facility County: 1 Mailing Street: PO BOX 4453 Mailing City: HOUSTON Mailing State: TX Mailing Zip: 772104453 Contact Name: EQUILON ENTERPRISES LLC Contact Phone: 7132412258 Year: 1999 TONS: 16.68 TSD EPA ID: CAD028409019 Category Code: 134 Category Description: Aqueous solution with total organic residues less than 10 percent Method Description: TREATMENT, TANK Year: 1999 TONS: 9.225 TSD EPA ID: CAD009466392 Category Code: 181 Category Description: Other inorganic solid waste Method Description: RECYCLER Year: 1999 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	72CDA684-1441-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	
DETAILS				
No Additional Details Found				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	58-ALA-BK
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
X-TRA OIL COMPANY			1, 2, 3, 4	7733373
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	

DETAILS

Reported Date: 1998

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-City-UST-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL - UNITED			1, 2, 3, 4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	
DETAILS				
Reported Date: 1998 List: City of Berkeley UST List Agency: City of Berkeley				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1, 2, 3, 4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1, 2, 3, 4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

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DETAILS
Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1, 2, 3, 4	8603-R2
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

DETAILS
Region: 2 - San Francisco County: Alameda Ground Water Detection Limit: 31000 Soil Detection Limit: Not Reported MTBE Cnts: 1 MTBE Fuel: 0 Status: 7 MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1, 2, 3, 4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

DETAILS
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
UNITED SHELL			1, 2, 3, 4	61897-PD
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705-1809
DETAILS				
Listing Year: 1997 SIC Category: SERVICE STATIONS-GASOLINE & OIL SIC Code: 554101				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Chevron			1, 2, 3, 4	152134
ADDRESS			**CITY**	**ZIP**
2996 Shattuck Ave			Berkeley	94705
DETAILS				
Site Added: 1/1/2013				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL COMPANY			1, 2, 3, 4	200562
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE.			BERKELEY	94702

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DETAILS
AS OF DATE: 7/18/2001 SITE TYPE: RETAIL TANK TYPE: UST COUNTY: ALAMEDA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Xtra Oil Co			1, 2, 3, 4	26186
ADDRESS			**CITY**	**ZIP**
2996 Shattuck Ave			Berkeley	94705
DETAILS				
Sic Code: 5541 Desc: Service Stations/Vehicle Fueling Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-US	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL OIL PRODUCTS SAP 135099			1, 2, 3, 4	5CB2F9E-CAR000170431
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94703
DETAILS				
OrgDatabase: RCRA ArchDate: 3/23/2013				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHATTUCK SELF-SERVE			1, 2, 3, 4	4041605
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK			BERKELEY	94705
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Former Shell			1, 2, 3, 4	T0600101247
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101247 Global ID: T0600101247 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 1/13/2013 CUF Case: YES Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-1352 Loc Case Number: 01-1352 File Location: Local Agency Potential Contaminants of Concern: Diesel, Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 1/12/1990 How Discovered: Tank Closure How Discovered Description: Tank Removal Stop Method: Other Means Stop Method Description: Remove and replace tanks Agency Provided Latitude: 37.855444484 Agency Provided Longitude: -122.26667434 Regulatory Activities Details Action Date: 1989-10-16 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL COMPANY DBA CHEVRON			1, 2, 3, 4	CAL000305472
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000305472 Source Type: Implementer Generator Status Universe: N Generator Status: Non-Generator NAICS1: OTHER GASOLINE STATIONS Active Site Indicator: H---- Owner Name: XTRA OIL CO Operator Name: KEITH SIMAS In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: Y Universal Waste Destination Facility: Y Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL OIL PRODUCTS SAP 135099			1, 2, 3, 4	CAR000170431
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94703

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAR000170431 Source Type: Notification Generator Status Universe: SQG Generator Status: Small Quantity Generator NAICS1: GASOLINE STATIONS WITH CONVENIENCE STORES Active Site Indicator: H---- Owner Name: SHELL OIL PRODUCTS US Operator Name: SHELL OIL PRODUCTS US In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1, 2, 3, 4	256933

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

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DETAILS
More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp CERSID: 10196353 Global ID: Not Reported COUNTY: Alameda Permitting Agency: Berkeley City Toxics Management Division Agency Provided Latitude: 37.85545 Agency Provided Longitude: -122.2666 PROJECT TYPE: Not Reported RB Case Number: Not Reported LOC Case Number: Not Reported Case Worker: Not Reported MTBE DATE: Not Reported GW CONC (PPB): Not Reported MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CRSP-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1, 2, 3, 4	172501
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 172501 Site EI ID: 10196353 Agency Provided Latitude: 37.85545 Agency Provided Longitude: -122.26686 Program Description: Underground Storage Tank Evaluation Information Evaluation Date: 5/7/2021 Violations Found? (Y/N): No Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Onsite for the routine inspection at time of monitoring system certification. Received copy of the system setup and alarm history. Observed service technicians confirming operation of the sump sensors, under dispenser containment sensors, annular sensors, Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: UST Evaluation Source: CERS Evaluation Date: 5/4/2020 Violations Found? (Y/N): No Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Onsite for inspection at time of monitoring system certification. Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: UST Evaluation Source: CERS More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	10196170
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	94703

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DETAILS
General Program & Facility Information CERS ID: 10196170 Facility ID: Not Reported Facility Regulator Key ID: FA0000205 Organization Code: 90166804 Business/Organization Name: SOS FOREIGN AUTO SERVICE Multiple Jurisdictional Business? (Y/N): No Business Origin: Seeding Count of Business' CERS User Accounts: 1 Facility Count for Business: 1 Last Submittal Date (any element): 3/28/2017 9:09:51 AM Count of Submitted Elements: 11 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: KARL BUSCHE Facility Specific Information Assessor Parcel Number (APN): Not Reported Number of Employees: 3 Property Owner Name: Not Reported Property Owner Phone Number: Not Reported Property Owner Mailing Address: Not Reported Property Owner Mailing City: Not Reported Property Owner Mailing State: Not Reported Property Owner Mailing Zip Code: Not Reported Property Owner Mailing Country: Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
Joseph Parafina			1, 2, 3, 4	10196170-BC
ADDRESS			**CITY**	**ZIP**
2051 Ashby AVE			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196170 Owner Name: SOS FOREIGN AUTO SERVICE Owner Address: 2051 ashby ave Owner City: Berkeley Owner State: CA Owner Zip: 94703 Mailing Address: 2051 ashby ave Mailing City/State/Zip: berkeley , CA 94703 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: 4400 - HAZ WASTE GENERATOR Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.03 miles NW	142 ft (2 ft lower than site)	**5**
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	69031
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	94703

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DETAILS

Site Regulated Program Information
Site ID: 69031
Site EI ID: 10196170
Agency Provided Latitude: 37.855442
Agency Provided Longitude: -122.267197

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 9/18/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Facility is a small quantity generator. The metal shavings in the rear of the shop are spilling over to the floor. The area shall be cleaned up and the shavings must be managed as scrap metal. Used fluorescent bulbs should be stored in a manner to prevent breakage and must be recycled. You may take them to Berkeley Recycling Center at 669 Gilman Street, Alameda County HHW Small Business Waste Program (800) 606-6606, or contact a recycler for prepaid recycle kits or pick up service. Observed absorbent on floor in parts storage area. The area shall be cleaned up and the absorbent must be managed appropriately.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 9/18/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Joseph Parafina has taken ownership of the business as of last month. The California Environmental Protection Agency (CalEPA) adopted 24 New Federal Hazard Categories for use in the hazardous materials inventory reporting of the 2018 Hazardous Materials Business Plan (HMBP) submittal. The 2/28/2018 submittal did not identify these updated categories.
Evaluation Division: Berkeley City Toxics Management Division
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	110066556195
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	94703

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DETAILS
FRS Facility Detail Report URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066556195 Create Date: 14-OCT-2015 12:02:12 Program System: CA-ENVIROVIEW Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Dealers	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
Sos & Sss Auto Svc			1, 2, 3, 4	215204
ADDRESS			**CITY**	**ZIP**
2051 Ashby Ave			Berkeley	94703
DETAILS				
Site Added: 1/1/2013				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Dealers	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
Saab Specialized Svc			1, 2, 3, 4	215205
ADDRESS			**CITY**	**ZIP**
2051 Ashby Ave			Berkeley	94703
DETAILS				
Site Added: 1/1/2013				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Dealers	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
Emporium Motors			1, 2, 3, 4	215131
ADDRESS			**CITY**	**ZIP**
2051 Ashby Ave			Berkeley	94703
DETAILS				
Site Added: 1/1/2013				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
EMPORIUM MOTORS			1, 2, 3, 4	430237-PD
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	94703-2547
DETAILS				
Listing Year: 1997 SIC Category: AUTOMOBILE REPAIRING & SERVICE SIC Code: 753801				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS AUTO SVC			1, 2, 3, 4	573886-PD
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	94703-2547

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DETAILS
Listing Year: 1997 SIC Category: AUTOMOBILE REPAIRING & SERVICE SIC Code: 753801

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	123655516-BC
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			Berkeley	

DETAILS
Original Database: City-CUPA-CA Last Agency Status: ACTIVE, CUPA Archive Date: 05/15/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HAZ WASTE GENERATOR Status: ACTIVE, CUPA Program/Element: HMBP Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO			1, 2, 3, 4	4520598C-CAL000019204
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	94703

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DETAILS
No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	72CDA684-1175-BC
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			Berkeley	
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	100211-BC
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			Berkeley	
DETAILS				
Original Database: City-CUPA-CA Last Agency Status: Inactive Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HMBP Status: Inactive				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	99381-BC
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	FA0000205-BC
ADDRESS			**CITY**	**ZIP**
2051 Ashby AVE			Berkeley	

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DETAILS
Original Database: City-CUPA-CA Last Agency Status: ACTIVE Archive Date: 03/22/19 No Longer Listed-Responsible Agency: City of Berkeley Facility ID: FA0000205 CERS ID: 10196170 Owner Name: lucky bertollino Owner Address: 2051 ashby ave Owner City: berkeley Owner State: CA Owner Zip: 94703 Mailing Address: 2051 ashby ave Mailing City/State/Zip: berkeley , CA 94703 Program/Element: HAZ WASTE GENERATOR Billing Status: ACTIVE Program/Element: HMBP Billing Status: ACTIVE Program/Element: STORMWATER Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	**5**
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	72CDA684-1174-BC
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			Berkeley	
DETAILS				
No Additional Details Found				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS MOTORS	1, 2, 3, 4	CAL000019204

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	947030000

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAL000019204
Facility County: 1
Mailing Street: 2051 ASHBY AVE
Mailing City: BERKELEY
Mailing State: CA
Mailing Zip: 947030000
Contact Name: JEYSEN JEAN & LUCKY BERTOLLINO
Contact Phone: 5105489590

Year: 2009
TONS: 0.085
TSD EPA ID: CAT080013352
Category Code: 343
Category Description: Unspecified organic liquid mixture
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2008
TONS: 0.017
TSD EPA ID: CAT080013352
Category Code: 343
Category Description: Unspecified organic liquid mixture
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2007
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1, 2, 3, 4	99382-BC
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			Berkeley	
DETAILS				
Original Database: City-CUPA-CA Last Agency Status: Active Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HAZ WASTE GENERATOR Status: Active				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
EMPORIUM MOTORS			1, 2, 3, 4	7732280
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	947030000
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS AUTO SERVICE	1, 2, 3, 4	CAL000441535

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:

https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000441535
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: GENERAL AUTOMOTIVE REPAIR
Active Site Indicator: H----
Owner Name: JOSEPH PARAFINA
Operator Name: JOSEPH PARAFINA
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: Y
Universal Waste Destination Facility: Y
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.03 miles E	149 ft (5 ft higher than site)	6
SITE NAME			**MAPS**	**ID**
ENTERPRISE CAR RENTAL			1, 2, 3, 4	221816
ADDRESS			**CITY**	**ZIP**
3001 SHATTUCK AVE			BERKELEY	94705-

DETAILS

Site Regulated Program Information
Site ID: 221816
Site EI ID: T0600191130
Agency Provided Latitude: 37.85509
Agency Provided Longitude: -122.266174

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.03 miles E	149 ft (5 ft higher than site)	6
SITE NAME			**MAPS**	**ID**
ENTERPRISE CAR RENTAL			1, 2, 3, 4	110066013959
ADDRESS			**CITY**	**ZIP**
3001 SHATTUCK AVE			BERKELEY	94705-

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DETAILS
FRS Facility Detail Report URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066013959 Create Date: 14-OCT-2015 09:28:58 Program System: CA-ENVIROVIEW Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles E	149 ft (5 ft higher than site)	6
SITE NAME			**MAPS**	**ID**
ENTERPRISE CAR RENTAL			1, 2, 3, 4	T0600191130
ADDRESS			**CITY**	**ZIP**
3001 SHATTUCK AVE			BERKELEY	-94705

DETAILS

Original Database: SLIC-Closed-CA
Last Agency Status: Completed - Case Closed
Archive Date: 12/17/21
No Longer Listed-Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600191130
Global ID: T0600191130
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 4/20/2001
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 227548
Loc Case Number: 02-301-001
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Under Investigation
Begin Date: 4/13/2001
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8550899
Agency Provided Longitude: -122.266174

More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.03 miles E	149 ft (5 ft higher than site)	6
SITE NAME			**MAPS**	**ID**
ENTERPRISE CAR RENTAL			1, 2, 3, 4	8264-R2
ADDRESS			**CITY**	**ZIP**
3001 SHATTUCK AVE			BERKELEY	94705-

DETAILS

Region: 2 - San Francisco
County: Alameda
Ground Water Detection Limit: < 1
Soil Detection Limit: < 1
MTBE Cnts: 2
MTBE Fuel: 1
Status: 9
MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.03 miles E	149 ft (5 ft higher than site)	6
SITE NAME			**MAPS**	**ID**
ENTERPRISE CAR RENTAL			1, 2, 3, 4	T0600191130
ADDRESS			**CITY**	**ZIP**
3001 SHATTUCK AVE			BERKELEY	-94705

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600191130 Global ID: T0600191130 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 4/20/2001 CUF Case: NO Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 227548 Loc Case Number: 02-301-001 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Under Investigation Begin Date: 4/13/2001 How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Agency Provided Latitude: 37.8550899 Agency Provided Longitude: -122.266174 Regulatory Activities Details Action Date: 2001-04-13 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.03 miles SE	148 ft (4 ft higher than site)	7

SITE NAME	MAPS	ID
PACIFIC VIEW PRESS	1, 2, 3, 4	51238

ADDRESS	CITY	ZIP
3012 SHADDOCK	Berkeley	94704

DETAILS
Sic Code: 2731 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.04 miles NE	148 ft (4 ft higher than site)	8
SITE NAME			**MAPS**	**ID**
Hi Fidelty Entertainment			1, 2, 3, 4	195261
ADDRESS			**CITY**	**ZIP**
2991 Shattuck Ave # 201			Berkeley	94705
DETAILS				
Sic Code: 2759 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.04 miles NE	148 ft (4 ft higher than site)	8
SITE NAME			**MAPS**	**ID**
HI FIDELTY ENTERTAINMENT			1, 2, 3, 4	1155457-PD
ADDRESS			**CITY**	**ZIP**
2991 SHATTUCK AVE # 201			BERKELEY	94705-1871
DETAILS				
Listing Year: 1997 SIC Category: SCREEN PRINTING SIC Code: 275902				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.04 miles NE	148 ft (4 ft higher than site)	8
SITE NAME			**MAPS**	**ID**
3dsm Com Inc			1, 2, 3, 4	91287
ADDRESS			**CITY**	**ZIP**
2991 Shattuck Ave			Berkeley	94705

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DETAILS
Sic Code: 2741 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.05 miles NE	149 ft (5 ft higher than site)	9
SITE NAME			**MAPS**	**ID**
1X MARK ATTARHA			1, 2, 3, 4	7812504
ADDRESS			**CITY**	**ZIP**
2111 ASHBY AVE			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Manufacturing	Listed	0.05 miles N	146 ft (2 ft higher than site)	10
SITE NAME			**MAPS**	**ID**
Acleoni			1, 2, 3, 4	21937
ADDRESS			**CITY**	**ZIP**
2930 Shattuck Ave			Berkeley	94705-1883
DETAILS				
Site Added: 1/1/2013				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.05 miles N	146 ft (2 ft higher than site)	10
SITE NAME			**MAPS**	**ID**
EASY COPY CTR			1, 2, 3, 4	126906
ADDRESS			**CITY**	**ZIP**
2930 SHATTUCK AVE			Berkeley	94705
DETAILS				
Sic Code: 2752 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cleaners-CA	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11
SITE NAME			**MAPS**	**ID**
Vogue Cleaners			1, 2, 3, 4	23334
ADDRESS			**CITY**	**ZIP**
2973 Shattuck Ave			Berkeley	94705

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DETAILS
Facility and Program Information County: Alameda Executive First Name: Not Reported Executive Last Name: Not Reported Professional Title: Not Reported Executive Title: Not Reported Executive Gender: Not Reported ZIP Four: 1808 Carrier Route: C003 Delivery Point Barcode: 738 Metro Area: Sn Francisco, CA Neighborhood: South Berkeley Phone Number Combined: (510) 845-3922 Fax Number Combined: 0 Toll Free Number Combined: 0 Website: Voguecleaners.Com Company Description: Not Reported Primary SIC Code: 721201 Primary SIC Description: Cleaners Primary SIC Ad Size: Regular Primary SIC Year Appeared: 1987 SIC Code 1: 721201 SIC Code 1 Description: Cleaners SIC Code 1 Ad Size: Not Reported SIC Code 1 Year Appeared: Not Reported SIC Code 2: Not Reported SIC Code 2 Description: Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11
SITE NAME			**MAPS**	**ID**
Vogue Cleaners			1, 2, 3, 4	73959
ADDRESS			**CITY**	**ZIP**
2973 Shattuck Ave			Berkeley	
DETAILS				
Site Added: 1/1/2013				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11
SITE NAME			**MAPS**	**ID**
VOGUE CLEANERS & LAUNDRY			1, 2, 3, 4	331148-PD
ADDRESS			**CITY**	**ZIP**
2973 SHATTUCK AVE			BERKELEY	94705-1808
DETAILS				
Listing Year: 1997 SIC Category: CLEANERS SIC Code: 721201				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11
SITE NAME			**MAPS**	**ID**
Pacific Horticulture Crcltn			1, 2, 3, 4	41610
ADDRESS			**CITY**	**ZIP**
2931 Shattuck Ave # 104			Berkeley	94705
DETAILS				
Sic Code: 2721 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11
SITE NAME			**MAPS**	**ID**
PACIFIC HORTICULTURE CRCLTN			1, 2, 3, 4	33812
ADDRESS			**CITY**	**ZIP**
2931 SHATTUCK AVE 104			Berkeley	94705

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DETAILS
Sic Code: 2721 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.06 miles SW	138 ft (6 ft lower than site)	12
SITE NAME			**MAPS**	**ID**
BARBARA MCKINNY			1, 2, 3, 4	CAC002675994
ADDRESS			**CITY**	**ZIP**
2037 EMERSON ST			BERKELEY	947032574

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAC002675994
Facility County: 01
Mailing Street: 16835 ANTLER WAY
Mailing City: WEED
Mailing State: CA
Mailing Zip: 960949611
Contact Name: BARBARA MCKINNY
Contact Phone: 5309380366

Year: 2011
TONS: 0.4
TSD EPA ID: CAD981382732
Category Code: 151
Category Description: Asbestos containing waste
Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

Year: 2011
TONS: 0.1125
TSD EPA ID: CAD982444481
Category Code: 612
Category Description: Household waste
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.06 miles S	143 ft (1 ft lower than site)	13

SITE NAME	MAPS	ID
FRANK ASHTON	1, 2, 3, 4	CAC003064938

ADDRESS	CITY	ZIP
2070 EMERSON ST	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:

https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003064938
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES
Active Site Indicator: -----
Owner Name: FRANK ASHTON
Operator Name: FRANK ASHTON
In Handler Universes: N
In a Universe: N
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Chemical-Storage	Listed	0.06 miles W	136 ft (8 ft lower than site)	14
SITE NAME			**MAPS**	**ID**
BROWNS UNIQUE ANTIQUES			1, 2, 3, 4	132596-PD
ADDRESS			**CITY**	**ZIP**
2041 ASHBY AVE			BERKELEY	94703-2506
DETAILS				
Listing Year: 1997 SIC Category: ANTIQUES-REPAIRING & RESTORING SIC Code: 764112				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION OFFICE PARK			1, 2, 4	188609
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 188609 Site EI ID: SLT2O04046 Agency Provided Latitude: 37.855772 Agency Provided Longitude: -122.266428 Program Description: Cleanup Program Site Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1, 2, 4	257098
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703

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DETAILS
Site Regulated Program Information Site ID: 257098 Site EI ID: T0600100963 Agency Provided Latitude: 37.856424 Agency Provided Longitude: -122.265931 Program Description: Leaking Underground Storage Tank Cleanup Site Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1, 2, 4	T0600100963
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703

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DETAILS
Global ID: T0600100963 County: Alameda Site History: The subject property (Site) is currently a small restaurant (Simply Greek) located at 2929 Shattuck Avenue in Berkeley, California. The Site is developed entirely by a single-story structure that faces directly to Shattuck Avenue. In January 1988, a 1,500-gal underground storage tank (UST) was removed from the Site. The UST was used to house bunker oil. During removal, a 500-gal UST that was used for stoddard solvent (SS, or STOD) presumably used for dry cleaning. Bunker oil (fuel oil, bunker crude, bunker fuel) is typically any type of petroleum fuel used for marine vessels, or in some cases, aircraft. Contaminants reported on Site include Stoddard solvent and bunker fuel/heating oil. No significant observed release to the environment. The Site was Administratively closed in 1991. Closed, G. Fielder, in GeoTracker, October 14, 2008. Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: REL Local Agency: BERKELEY, CITY OF RB Case Number: 01-1044 Loc Case Number: TT01-1044 File Location: Local Agency Potential Contaminants of Concern: Heating Oil / Fuel Oil, Stoddard solvent / Mineral Spriits / Distillates Potential Media Affected: Soil How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Tanks removed in 1988 Action Date: 2015-09-18 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter Action Date: 2015-06-25 Action Type: ENFORCEMENT Action: Notification - Public Notice of Case Closure Action Date: 2014-08-06 Action Type: ENFORCEMENT More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
1X NEWBURY STATION			1, 2, 4	7808660
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	947040000
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1, 2, 4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK			BERKELEY	94703
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1, 2, 4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-Other-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1, 2, 4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	

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DETAILS
Reported Date: 1998 List: North Bay County Toxic List - Surface Spills

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1, 2, 4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1, 2, 4	T0600100963
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100963
Global ID: T0600100963
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 9/18/2015
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1044
Loc Case Number: TT01-1044
File Location: Local Agency
Potential Contaminants of Concern: Heating Oil / Fuel Oil, Stoddard solvent / Mineral Spriits / Distillates
Potential Media Affected: Soil
Begin Date: 11/21/1984
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Tanks removed in 1988
Agency Provided Latitude: 37.856424
Agency Provided Longitude: -122.265931

Regulatory Activities Details
Action Date: 1984-11-21 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
THE MODEL GARAGE INC.			1, 2, 4	10196185
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	94705

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DETAILS
General Program & Facility Information CERS ID: 10196185 Facility ID: Not Reported Facility Regulator Key ID: FA0000211 Organization Code: 90166819 Business/Organization Name: THE MODEL GARAGE INC. Multiple Jurisdictional Business? (Y/N): No Business Origin: Seeding Count of Business' CERS User Accounts: 1 Facility Count for Business: 1 Last Submittal Date (any element): 1/4/2017 12:34:44 PM Count of Submitted Elements: 12 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: VIVIANA GARCIA Facility Specific Information Assessor Parcel Number (APN): 53-1590-5-1 Number of Employees: 9 Property Owner Name: Donald B Worth Property Owner Phone Number: 510-540-5899 Property Owner Mailing Address: 2920 SHATTUCK AVE Property Owner Mailing City: BERKELEY Property Owner Mailing State: CA Property Owner Mailing Zip Code: 94705 Property Owner Mailing Country: United States More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
Donald B Worth			1, 2, 4	10196185-BC
ADDRESS			**CITY**	**ZIP**
2920 Shattuck AVE			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196185 Owner Name: THE MODEL GARAGE INC. Owner Address: 2920 SHATTUCK AVE Owner City: ALBANY/Berkeley Owner State: CA Owner Zip: 94705 Mailing Address: 2920 SHATTUCK AVE Mailing City/State/Zip: BERKELEY, CA 94705 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: 4400 - HAZ WASTE GENERATOR Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
THE MODEL GARAGE INC.			1, 2, 4	160961
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	94705

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DETAILS

Site Regulated Program Information
Site ID: 160961
Site EI ID: 10196185
Agency Provided Latitude: 37.856346
Agency Provided Longitude: -122.26693

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 3/16/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): EPA ID Number, CAD 983 642 786, is active. Waste is kept outside under a shelter. Waste is consistent with the inventory provided on CERS. Observed Used Oil, used coolant, waste filters (paper and metal separated), waste aerosols. Hazardous waste manifests were reviewed for past 3 years, records were compliant. Fire extinguishers are up to date.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 3/16/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Hazardous materials onsite are consistent with the materials reported on CERS. Facility map accurately depicts locations of hazardous materials and waste. Annual training for hazard communication and hazardous material/waste handling has not been completed since 2015.
Evaluation Division: Berkeley City Toxics Management Division

More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
MODEL GARAGE			1, 2, 4	516578-PD
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	94705-1809

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DETAILS
Listing Year: 1997 SIC Category: AUTOMOBILE REPAIRING & SERVICE SIC Code: 753801

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
MODEL GARAGE INC THE			1, 2, 4	3768324
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	947020000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
MODEL GARAGE INC THE			1, 2, 4	CAD983642786
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	94702

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD983642786 Source Type: Notification Generator Status Universe: SQG Generator Status: Small Quantity Generator Active Site Indicator: H---- Owner Name: DONALD AND DOROTHY PETER In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ Active Site Converter TSDF: ------ Active Site State Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.09 miles W	132 ft (12 ft lower than site)	17
SITE NAME			**MAPS**	**ID**
2001 Ashby Redevelopment			1, 2, 4	T10000014891
ADDRESS			**CITY**	**ZIP**
2001 Ashby Avenue			Berkeley	94703

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DETAILS

Global ID: T10000014891

County: Alameda

Site History: The Site is located in a mixed commercial and residential area of South Berkeley at the northeast corner of Adeline Street and Ashby Avenue. The property consists of one parcel, assessor parcel number (APN) 53-1591-18-3, totaling approximately 0.64 acres. According to the Phase I Environmental Site Assessment (Phase I ESA), dated December 4, 2019, the current parcel consisted of at least 6 historical parcels with associated addresses including 2031 & 2033 Ashby Avenue and 2925-2933 Adeline Street. APN for these address could not be located in County Assessor records. The Site is bound to the northwest by Adeline Street and further north by various mixed commercial and residential buildings; to the east by additional commercial properties; to the south by a church and residential land-use; and to the west by commercial properties. The Site is currently occupied by one building (6,297 square feet) used as a credit union/bank surrounded by an asphalt paved parking lot. Demolition of existing structures and redevelopment is proposed at this Site, however, at this time limited information is available for the proposed redevelopment that will include both commercial and residential land use. Various configurations and historical operations were conducted at the Site. These site configurations and operations included dwellings as early as 1903 in the northern portion of the Site as observed in the Sanborn maps provided in the Phase I ESA. By 1911, the Site also contained a store building in the southeast corner and a structure labeled as “waiting room” in the southwest corner. A building permit reviewed dated December 19, 1936 was a certificate of occupancy for a service station at the Site. The 1939 aerial photograph shows this gasoline service station. The city directory listings show that a gasoline service station was present at the Site (2001 Ashby Avenue) in 1945 through at least 1962. The city directory also showed that a store building with various commercial/retail businesses occupied the historical building (2031 & 2033 Ashby Avenue) from at least 1920 to 1970. A further look at building permits show an original building permit dated July 30, 1946 was issued for a gasoline service station. The City of Berkeley approved of a building permit for the construction of a bank on February 11, 1969 and signed off on the demolition of the former Site buildings on February 13, 1969. Fire Department records confirm that on February 12, 1969, the Site buildings and two underground storage tanks (USTs) (size and contents not provided) were removed. The present-day Site bank building and parking lot is assumed to have been constructed in 1969. The City of Berkeley Toxics Management Division records identified a letter dated November 2, 1998 review a Phase 1 ESA, dated July 17, 1998 in addition to a soil & groundwater report, dated October 13, 1998. Phase I ESA results indicated recognized environmental conditions (REC) related to the former gasoline service station at the Site and also identified REC-related activities upgradient from active Leaking Underground Storage Tank (LUST) cases. The findings and conclusions of the soil & groundwater report prepared by ATC Associates, Inc., indicated that petroleum hydrocarbons and halogenated volatile organic compounds in the groundwater were detected at levels below the maximum contaminant levels (MCL) or levels relatively low and not considered to pose significant threat to human health or to the environment. Based on these findings, no further action was required regarding soil and groundwater at the Site, however, the City of Berkeley recommended a limited site investigation for the Site prior to a change in use of the Site. Copies of the 1998 Phse I ESA or Subusrface Investigation Report have not been provided to ACDEH at this time. Additional subsurface investigation activities were conducted at the Site in April 2019 and described in the Limited Subsurface Investigation Report, dated May 9, 2019, prepared by Ninyo & Moore. These subsurface investigation activities included the advancement of five shallow borings (S-1 through S-5) to a depth of 2.0 feet below ground surface (bgs) or less. Two temporary soil vapor probes were advanced to a total depth of 5.5 feet bgs and included the collection of soil and soil vapor between 5.0 feet to 5.5 feet bgs. Soil samples were selectively analyzed for gasoline-, diesel-, and motor oil-range total petroleum hydrocarbons (TPH-g, TPH-d, TPH-mo) volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylene (BTEX), Leaking Underground Fuel Tank (LUFT) 5 metals, and California Title 22 metals. Petroleum related chemicals of concern (COCs) were detected in the soil samples sample at 2 feet bgs, however ACDEH notes these soil samples were collected at a depth above the former USTs. Soil samples also detected metal COCs including arsenic, lead and nickel above applicable regulatory screening levels for residential land use. Soil vapor samples were only collected from one soil vapor probe (SV-1) and indicated VOCs were detected above laboratory detection levels. Petroleum and non-petroleum related COCs were detected in soil vapor including but not limited tert-Butyl alcohol (TBA), ethylbenzene, toluene, chloromethane, carbon disulfide, and methyl ethyl ketone (MEK). Groundwater was not collected during the April 2019 investigations.

Case Type: Cleanup Program Site

Status: Open - Site Assessment

Lead Agency: ALAMEDA COUNTY LOP

Case Worker: DY

Local Agency: ALAMEDA COUNTY LOP

RB Case Number: Not Reported

Loc Case Number: RO0003442

File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Contaminants of Concern: Arsenic, Lead, Nickel, Other Metal, Total Petroleum Hydrocarbons (TPH)

Potential Media Affected: Soil, Soil Vapor, Under Investigation

How Discovered: Not Reported

How Discovered Description: Not Reported

Stop Method: Not Reported

Stop Method Description: Not Reported

Action Date: 2021-08-19

Action Type: ENFORCEMENT

Action: Staff Letter - #8/19/2021

Action Date: 2021-03-05

Action Type: ENFORCEMENT

Action: Staff Letter - #03/05/2021

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Action Date: 2021-02-23
Action Type: ENFORCEMENT
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Site Assessment	0.09 miles W	132 ft (12 ft lower than site)	17

SITE NAME	MAPS	ID
2001 Ashby Redevelopment	1, 2, 4	T10000014891

ADDRESS	CITY	ZIP
2001 Ashby Avenue	Berkeley	94703

DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000014891
Global ID: T10000014891
Case Type: Cleanup Program Site
Status: Open - Site Assessment
Status Date: 6/18/2020
CUF Case: NO
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: DY
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not Reported
Loc Case Number: RO0003442
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Arsenic, Lead, Nickel, Other Metal, Total Petroleum Hydrocarbons (TPH)
Potential Media Affected: Soil, Soil Vapor, Under Investigation
Begin Date: 6/18/2020
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.85532
Agency Provided Longitude: -122.26835

Regulatory Activities Details
Action Date: 2020-06-16 00:00:00
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
SOUTHWICK CHRYSLER PLYMOUTH			1, 2, 4	259571
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94704

DETAILS

Site Regulated Program Information
Site ID: 259571
Site EI ID: T0600101310
Agency Provided Latitude: 37.855587
Agency Provided Longitude: -122.266832

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
SOUTHWICK CHRYSLER PLYMOUTH			1, 2, 4	T0600101310
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94704

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DETAILS
Global ID: T0600101310 County: Alameda Site History: Not Reported Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-1419 Loc Case Number: 01-1419 File Location: Not Reported Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating Potential Media Affected: Soil How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Action Date: 1995-10-17 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
1X BALCH PETROLEUM			1, 2, 4	7808798
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	947100000
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
IMPORTED CAR OF BERKELEY			1, 2, 4	207116
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	947100000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
SOUTHWICK CHRYSLER PLYMOUTH			1, 2, 4	929800
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94704
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
SOUTHWICK CHRYSLER PLYMOUTH			1, 2, 4	929800
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94704

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DETAILS
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
IMPORTED CARS OF BERKELEY			1, 2, 4	239029
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94705
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000363DE.pdf				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
SOUTHWICK CHRYSLER PLYMOUTH			1, 2, 4	T0600101310
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94704

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101310 Global ID: T0600101310 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 10/17/1995 CUF Case: NO Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-1419 Loc Case Number: 01-1419 File Location: Not Reported Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating Potential Media Affected: Soil Begin Date: 4/4/1988 How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Agency Provided Latitude: 37.855587 Agency Provided Longitude: -122.266832 Regulatory Activities Details Action Date: 1988-04-04 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
IMPORTED CAR OF BERKELEY			1, 2, 4	CAD981443252
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94710

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD981443252 Source Type: Implementer Generator Status Universe: SQG Generator Status: Small Quantity Generator Active Site Indicator: H---- Owner Name: IMPORTED CAR OF BERKELEY Operator Name: NOT REQUIRED In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ Active Site Converter TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	19

SITE NAME	MAPS	ID
HUB PAINT CENTER	1, 2, 4	230664

ADDRESS	CITY	ZIP
2917 ADELINE ST	BERKELEY	94703

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DETAILS
Site Regulated Program Information Site ID: 230664 Site EI ID: T0600100720 Agency Provided Latitude: 37.855912 Agency Provided Longitude: -122.268188 Program Description: Leaking Underground Storage Tank Cleanup Site Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1, 2, 4	1591820
ADDRESS			**CITY**	**ZIP**
2917 ADELINE			BERKELEY	94703
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1, 2, 4	1591820
ADDRESS			**CITY**	**ZIP**
2917 ADELINE ST			BERKELEY	94703
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1, 2, 4	1591820
ADDRESS			**CITY**	**ZIP**
2917 ADELINE ST			BERKELEY	94703
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1, 2, 4	T0600100720
ADDRESS			**CITY**	**ZIP**
2917 ADELINE ST			BERKELEY	94703

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100720 Global ID: T0600100720 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 10/3/2007 CUF Case: NO Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-0783 Loc Case Number: 01-0783 File Location: Local Agency Potential Contaminants of Concern: Gasoline Potential Media Affected: Under Investigation Begin Date: 6/28/1989 How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Agency Provided Latitude: 37.8559119 Agency Provided Longitude: -122.268188 Regulatory Activities Details Action Date: 1989-03-09 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.12 miles S	141 ft (3 ft lower than site)	20
SITE NAME			**MAPS**	**ID**
TRISHA LOW			1, 2, 4	CAC003028082
ADDRESS			**CITY**	**ZIP**
2024 ESSEX ST			BERKELEY	94703

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003028082 Source Type: Implementer Generator Status Universe: N Generator Status: Non-Generator NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES Active Site Indicator: ----- Owner Name: TRISHA LOW Operator Name: TRISHA LOW In Handler Universes: N In a Universe: N Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMOTIVE			1, 2, 4	10196104
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94705

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DETAILS
General Program & Facility Information CERS ID: 10196104 Facility ID: Not Reported Facility Regulator Key ID: FA0000158 Organization Code: 90166738 Business/Organization Name: MOTOR CITY AUTOMOTIVE Multiple Jurisdictional Business? (Y/N): No Business Origin: Seeding Count of Business' CERS User Accounts: 1 Facility Count for Business: 1 Last Submittal Date (any element): 1/31/2017 12:33:01 PM Count of Submitted Elements: 8 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: KARL BUSCHE Facility Specific Information Assessor Parcel Number (APN): Not Reported Number of Employees: 1 Property Owner Name: Alan Cartwright Property Owner Phone Number: (510) 843-4521 Property Owner Mailing Address: 3058 SHATTUCK AVE Property Owner Mailing City: Berkeley Property Owner Mailing State: CA Property Owner Mailing Zip Code: 94705 Property Owner Mailing Country: United States More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
Alan Cartwright			1, 2, 4	10196104-BC
ADDRESS			**CITY**	**ZIP**
3058 Shattuck AVE			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196104 Owner Name: MOTOR CITY AUTOMOTIVE Owner Address: 3058 Shattuck Ave Owner City: Berkeley Owner State: CA Owner Zip: 94705 Mailing Address: 3058 Shattuck Ave Mailing City/State/Zip: Berkeley, CA 94705 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: 4400 - HAZ WASTE GENERATOR Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMOTIVE			1, 2, 4	191853
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94709

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DETAILS
Site Regulated Program Information Site ID: 191853 Site EI ID: T0600100944 Agency Provided Latitude: 37.853285 Agency Provided Longitude: -122.266251 Program Description: Leaking Underground Storage Tank Cleanup Site Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMOTIVE			1, 2, 4	136495
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94705

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DETAILS

Site Regulated Program Information
Site ID: 136495
Site EI ID: 10196104
Agency Provided Latitude: 37.85322
Agency Provided Longitude: -122.266307

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 1/27/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine HMBP, HW and Storm water unannounced inspection. 2016 CERS submittal not complete, violation noted. Used Motor oil label needs to be re labeled, the current label is not completely legible.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 1/27/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine HMBP, HW and Storm water unannounced inspection. 2016 CERS submittal not complete, violation noted. Used Motor oil label needs to be re labeled, the current label is not completely legible.
Evaluation Division: Berkeley City Toxics Management Division

More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.13 miles S	142 ft (2 ft lower than site)	21

SITE NAME	MAPS	ID
MOTOR CITY AUTOMOTIVE	1, 2, 4	518867-PD

ADDRESS	CITY	ZIP
3058 SHATTUCK AVE	BERKELEY	94705-1859

DETAILS

Listing Year: 1997
SIC Category: AUTOMOBILE REPAIRING & SERVICE
SIC Code: 753801

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMATIVE			1, 2, 4	284951
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94709
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMATIVE			1, 2, 4	284951
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94709
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMOTIVE			1, 2, 4	T0600100944
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94709

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100944
Global ID: T0600100944
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 8/16/1999
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1023
Loc Case Number: 01-1023
File Location: Not Reported
Potential Contaminants of Concern: Diesel
Potential Media Affected: Soil
Begin Date: 5/1/1990
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8532851
Agency Provided Longitude: -122.2662518

Regulatory Activities Details
Action Date: 1990-05-01 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.13 miles S	142 ft (2 ft lower than site)	21

SITE NAME	MAPS	ID
MOTOR CITY AUTOMOTIVE	1, 2, 4	CAD981573025

ADDRESS	CITY	ZIP
3058 SHATTUCK AVE	BERKELEY	94705

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD981573025 Source Type: Notification Generator Status Universe: SQG Generator Status: Small Quantity Generator NAICS1: GENERAL AUTOMOTIVE REPAIR Active Site Indicator: H---- Owner Name: ALAN CARTWRIGHT Operator Name: NOT REQUIRED In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.13 miles N	150 ft (6 ft higher than site)	22
SITE NAME			**MAPS**	**ID**
DIRECT LINE TELERESPONSE			1, 2, 4	10196839
ADDRESS			**CITY**	**ZIP**
2847 SHATTUCK AVE			BERKELEY	94705

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DETAILS

General Program & Facility Information
CERS ID: 10196839
Facility ID: Not Reported
Facility Regulator Key ID: FA0000776
Organization Code: 90167473
Business/Organization Name: DIRECT LINE TELERESPONSE
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 12/12/2016 5:32:22 PM
Count of Submitted Elements: 11
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): ALA-053-1686020
Number of Employees: 40
Property Owner Name: kenneth goldenberg
Property Owner Phone Number: 5108433900
Property Owner Mailing Address: 2847 SHATTUCK AVE
Property Owner Mailing City: BERKELEY
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: 94705
Property Owner Mailing Country: United States
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.13 miles N	150 ft (6 ft higher than site)	22
SITE NAME			**MAPS**	**ID**
kenneth goldenberg			1, 2, 4	10196839-BC
ADDRESS			**CITY**	**ZIP**
2847 Shattuck AVE			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196839 Owner Name: DIRECT LINE TELERESPONSE Owner Address: 2847 SHATTUCK AVE Owner City: BERKELEY Owner State: CA Owner Zip: 94705 Mailing Address: 2847 SHATTUCK AVE Mailing City/State/Zip: BERKELEY, CA 94705 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.13 miles N	150 ft (6 ft higher than site)	22
SITE NAME			**MAPS**	**ID**
DIRECT LINE TELERESPONSE			1, 2, 4	25345
ADDRESS			**CITY**	**ZIP**
2847 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 25345 Site EI ID: 10196839 Agency Provided Latitude: 37.856976 Agency Provided Longitude: -122.266396 Program Description: Chemical Storage Facilities Evaluation Information Evaluation Date: 3/16/2016 Violations Found? (Y/N): Yes Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Needs to submit 2016 HMBP via CERS. Diesel belly tank for back up generator. Diesel generator tested on a weekly basis. Fire Ext located inside the building. Spill cleanup absorbent available for use. Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: HMRRP Evaluation Source: CERS Violation Information Violation Date: 3/16/2016 Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. Violation Note(s): Returned to compliance on 05/02/2016. needs to submit HMBP via CERS for 2016 Violation Division: Berkeley City Toxics Management Division Violation Program: HMRRP More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-SSO-CA	Listed	0.13 miles NE	159 ft (15 ft higher than site)	23

SITE NAME	MAPS	ID
2916 wheeler	1, 2, 4	827500

ADDRESS	CITY	ZIP
Not Reported by Agency		

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DETAILS
Facility and Program Information Note I: This database contains private lateral sewage discharges contained in the State Water Resources Control Board's SSO database. All of the information collected in the SSO database is entered by enrollees. Note II: State and Regional Water board staff cannot enter or modify any information in the SSO database. SSO Status: Active Step: Certified Spill Created Date: 8/24/2016 Draft Submit Date: 8/24/2016 Original Certified Date: 9/10/2016 SSO Number Appear Points: 1 SSO Storm Associated: No Reason Investigate: Not Reported SSO If Impact Beach: Not Reported SSO Volume Method: Not Reported SSO Operator Name: jesus sandaval SSO Operator Phone: 5109816676 Agency Provided Latitude: 37.85639 Agency Provided Longitude: -122.265 Additional Information Event ID: 827500 Certificate ID: 291268 Region: 2 County: Alameda Agency: Berkeley City of Public Works Collection SYS: Berkeley City Public Works CS WDID: 2SSO10096 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-SSO-CA	Listed	0.13 miles S	139 ft (5 ft lower than site)	24
SITE NAME			**MAPS**	**ID**
2025 Prince st.			1, 2, 4	853932
ADDRESS			**CITY**	**ZIP**
2025 Prince st.				

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DETAILS
Facility and Program Information Note I: This database contains private lateral sewage discharges contained in the State Water Resources Control Board's SSO database. All of the information collected in the SSO database is entered by enrollees. Note II: State and Regional Water board staff cannot enter or modify any information in the SSO database. SSO Status: Active Step: Certified Spill Created Date: 12/4/2018 Draft Submit Date: 12/21/2018 Original Certified Date: 12/21/2018 SSO Number Appear Points: 4 SSO Storm Associated: No Reason Investigate: Not Reported SSO If Impact Beach: Not Reported SSO Volume Method: Not Reported SSO Operator Name: Chris Greig smas SSO Operator Phone: 5109816478 Agency Provided Latitude: 37.85318 Agency Provided Longitude: -122.26692 Additional Information : Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.14 miles N	145 ft (1 ft higher than site)	25
SITE NAME			**MAPS**	**ID**
BERKELEY BOWL PRODUCE INC.			1, 2, 4	10196722
ADDRESS			**CITY**	**ZIP**
2020 OREGON ST			BERKELEY	94703

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DETAILS
General Program & Facility Information CERS ID: 10196722 Facility ID: Not Reported Facility Regulator Key ID: FA0000637 Organization Code: 90167356 Business/Organization Name: BERKELEY BOWL PRODUCE INC. Multiple Jurisdictional Business? (Y/N): No Business Origin: Seeding Count of Business' CERS User Accounts: 1 Facility Count for Business: 1 Last Submittal Date (any element): 2/10/2017 10:25:50 AM Count of Submitted Elements: 11 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: CARRIE ESTADT Facility Specific Information Assessor Parcel Number (APN): Not Reported Number of Employees: Not Reported Property Owner Name: Glenn Yasuda Property Owner Phone Number: (510)843-6929 Property Owner Mailing Address: 2020 OREGON ST Property Owner Mailing City: BERKELEY Property Owner Mailing State: CA Property Owner Mailing Zip Code: 94703 Property Owner Mailing Country: United States More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.14 miles N	145 ft (1 ft higher than site)	25
SITE NAME			**MAPS**	**ID**
Glenn Yasuda			1, 2, 4	10196722-BC
ADDRESS			**CITY**	**ZIP**
2020 Oregon ST			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196722 Owner Name: BERKELEY BOWL PRODUCE INC. Owner Address: 2020 OREGON ST Owner City: BERKELEY Owner State: CA Owner Zip: 94703 Mailing Address: 2020 Oregon Street Mailing City/State/Zip: Berkeley, CA 94703 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.14 miles N	145 ft (1 ft higher than site)	25
SITE NAME			**MAPS**	**ID**
BERKELEY BOWL PRODUCE INC.			1, 2, 4	387767
ADDRESS			**CITY**	**ZIP**
2020 OREGON ST			BERKELEY	94703

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DETAILS
Site Regulated Program Information Site ID: 387767 Site EI ID: 10196722 Agency Provided Latitude: 37.857071 Agency Provided Longitude: -122.267395 Program Description: Chemical Storage Facilities Evaluation Information Evaluation Date: 6/27/2016 Violations Found? (Y/N): No Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): HMBP submitted in CERS 2/24/16. the secondary emergency contact has changed recently. Updated this date. Confirmed inventory and site map as well as training. Eyewash station in receiving is inaccessible. TMD recommends making area more available. Propane cylinders are best maintained restrained. TMD can provide guidance. Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: HMRRP Evaluation Source: CERS Evaluation Date: 1/17/2014 Violations Found? (Y/N): No Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Inventory is consistent with observed. Training current. Facility no longer uses CO2. Advised to revise submittals. Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: HMRRP Evaluation Source: CERS More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.15 miles SE	153 ft (9 ft higher than site)	26
SITE NAME			**MAPS**	**ID**
SUSAN GARDNER			1, 2, 4	CAC002971181
ADDRESS			**CITY**	**ZIP**
2134 ESSEX ST.			BERKELEY	94705

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC002971181 Source Type: Implementer Generator Status Universe: N Generator Status: Non-Generator NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES Active Site Indicator: H---- Owner Name: SUSAN WATSON Operator Name: SUSAN GARDNER In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: Y Universal Waste Destination Facility: Y Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-SSO-CA	Listed	0.15 miles E	164 ft (20 ft higher than site)	27
SITE NAME			**MAPS**	**ID**
Ashby Ave			1, 2, 4	656012
ADDRESS			**CITY**	**ZIP**
2305 Ashby Avenue			Berle;ey	94704

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DETAILS
Facility and Program Information Note I: This database contains private lateral sewage discharges contained in the State Water Resources Control Board's SSO database. All of the information collected in the SSO database is entered by enrollees. Note II: State and Regional Water board staff cannot enter or modify any information in the SSO database. SSO Status: Active Step: Certified Spill Created Date: 8/17/2007 Draft Submit Date: Not Reported Original Certified Date: 8/17/2007 SSO Number Appear Points: Not Reported SSO Storm Associated: Not Reported Reason Investigate: Not Reported SSO If Impact Beach: Not Reported SSO Volume Method: Not Reported SSO Operator Name: Not Reported SSO Operator Phone: Not Reported Agency Provided Latitude: 37.855833 Agency Provided Longitude: -122.264167 Additional Information Event ID: 656012 Certificate ID: 928733 Region: 2 County: Alameda Agency: Berkeley City of Public Works Collection SYS: Berkeley City Public Works CS WDID: 2SSO10096 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.15 miles E	164 ft (20 ft higher than site)	28
SITE NAME			**MAPS**	**ID**
S.F. Bay Area Rapid Transit District			1, 2, 4	10196518-BC
ADDRESS			**CITY**	**ZIP**
2160 Ashby AVE			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196518 Owner Name: BART BERKELEY SUBSTATION (RBE) Owner Address: P.O. Box 12688 M/S LKS-18 Owner City: OAKLAND Owner State: CA Owner Zip: 94604-2688 Mailing Address: P.O. Box 12688 M/S LKS-18 Mailing City/State/Zip: Oakland, CA 94604-2688 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.15 miles S	142 ft (2 ft lower than site)	29
SITE NAME			MAPS	ID
Mehrdad Naima			1, 2, 4	10761337-BC
ADDRESS			CITY	ZIP
3101 Shattuck Ave			Berkeley	
DETAILS				
Responsible Agency: City of Berkeley Facility ID: 10761337 Owner Name: Starry Plough Owner Address: 3101 Shattuck Ave Owner City: BERKELEY Owner State: CA Owner Zip: 94705 Mailing Address: 3101 Shattuck Ave Mailing City/State/Zip: Berkeley, CA 94705 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.15 miles S	142 ft (2 ft lower than site)	29

SITE NAME	MAPS	ID
Starry Plough	1, 2, 4	436631

ADDRESS	CITY	ZIP
3101 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 436631
Site EI ID: 10761337
Agency Provided Latitude: 37.85298
Agency Provided Longitude: -122.26591

Program Description: Chemical Storage Facilities

Evaluation Information
Evaluation Date: 5/23/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): This was The Starry Plough's first inspection in the CUPA program. One cylinder could have ducked under the restraint if it fell in a certain direction - make sure that the restraints are effective. HMBP submitted and accepted. Fire extinguisher servicing due by the end of this month, training performed and records maintained, cylinders secured - satisfactory. DA
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/20/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.16 miles N	151 ft (7 ft higher than site)	30

SITE NAME	MAPS	ID
ELMWOOD NURSING & REHAB	1, 2, 4	10196890

ADDRESS	CITY	ZIP
2829 SHATTUCK AVE	BERKELEY	94705

DETAILS

General Program & Facility Information
CERS ID: 10196890
Facility ID: Not Reported
Facility Regulator Key ID: FA0000825
Organization Code: 90167524
Business/Organization Name: ELMWOOD NURSING & REHAB
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 7/5/2017 11:40:59 AM
Count of Submitted Elements: 7
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.16 miles N	151 ft (7 ft higher than site)	30
SITE NAME			**MAPS**	**ID**
Pat Poddatoori			1, 2, 4	10196890-BC
ADDRESS			**CITY**	**ZIP**
2829 Shattuck AVE			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196890
Owner Name: ELMWOOD NURSING & REHAB
Owner Address: 2829 Shattuck Avenue
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 2829 Shattuck Avenue
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.16 miles N	151 ft (7 ft higher than site)	30
SITE NAME			**MAPS**	**ID**
ELMWOOD NURSING & REHAB			1, 2, 4	114356
ADDRESS			**CITY**	**ZIP**
2829 SHATTUCK AVE			BERKELEY	94705

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DETAILS

Site Regulated Program Information
Site ID: 114356
Site EI ID: 10196890
Agency Provided Latitude: 37.857422
Agency Provided Longitude: -122.266304

Program Description: Chemical Storage Facilities

Evaluation Information
Evaluation Date: 9/6/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): The California Environmental Protection Agency (CalEPA) adopted 24 new Federal Hazard Categories for use in the hazardous materials inventory reporting of the 2018 Hazardous Materials Business Plan (HMBP) submittal. The 4/10/2018 submittal did not identify these updated categories. In addition, the environmental contact recently changed. The 24 hour phone number for the emergency contacts is also the business phone number. In the event of an emergency after hours, or if the facility is evacuated, the City needs to have a 24 hour phone number for each of the emergency contacts. Facility shall review the updated hazard categories in the inventory, update the Business Owner Operator page and submit the updated information. Facility provides an orientation training and conduct evacuation drills monthly. TMD recommends secondary containment or a tray in the laundry hazardous materials storage area to allow for easy clean up of spills below the containers. TMD [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/15/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.16 miles S	142 ft (2 ft lower than site)	31
SITE NAME			**MAPS**	**ID**
FRANCISCO & JACKIE BAUTISTA			1, 2, 4	CAC003033245
ADDRESS			**CITY**	**ZIP**
2106 PRINCE ST.			BERKELEY	94705

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003033245 Source Type: Implementer Generator Status Universe: N Generator Status: Non-Generator NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES Active Site Indicator: ----- Owner Name: FRANCISCO & JACKIE BAUTISTA Operator Name: FRANCISCO & JACKIE BAUTISTA In Handler Universes: N In a Universe: N Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.17 miles NW	137 ft (7 ft lower than site)	32

SITE NAME	MAPS	ID
HARRIET TUBMAN TERRACE	1, 2, 4	CAC002992493
ADDRESS	**CITY**	**ZIP**
2870 ADELINE ST.	BERKELEY	94703

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC002992493 Source Type: Implementer Generator Status Universe: N Generator Status: Non-Generator NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES Active Site Indicator: H---- Owner Name: KELLY SMITH Operator Name: KELLY SMITH In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: Y Universal Waste Destination Facility: Y Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.17 miles S	134 ft (10 ft lower than site)	33
SITE NAME			**MAPS**	**ID**
MACK JACOB, DDS			1, 2, 4	10196680
ADDRESS			**CITY**	**ZIP**
2012 PRINCE ST			BERKELEY	94703

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DETAILS

General Program & Facility Information
CERS ID: 10196680
Facility ID: Not Reported
Facility Regulator Key ID: FA0000600
Organization Code: 90167314
Business/Organization Name: MACK JACOB, DDS
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 0
Facility Count for Business: 1
Last Submittal Date (any element): Not Reported
Count of Submitted Elements: 0
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: CARRIE ESTADT

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cleaners-CA	Listed	0.18 miles S	139 ft (5 ft lower than site)	34
SITE NAME			**MAPS**	**ID**
Shattuck Sunny Cleaners			1, 2, 4	20868
ADDRESS			**CITY**	**ZIP**
2105 Woolsey St			Berkeley	94705

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DETAILS
Facility and Program Information County: Alameda Executive First Name: Leon Executive Last Name: Lee Professional Title: Not Reported Executive Title: Owner Executive Gender: Male ZIP Four: 1830 Carrier Route: C003 Delivery Point Barcode: 58 Metro Area: Sn Francisco, CA Neighborhood: South Berkeley Phone Number Combined: (510) 845-4114 Fax Number Combined: 0 Toll Free Number Combined: 0 Website: Not Reported Company Description: Not Reported Primary SIC Code: 721201 Primary SIC Description: Cleaners Primary SIC Ad Size: Regular Primary SIC Year Appeared: 1984 SIC Code 1: 721201 SIC Code 1 Description: Cleaners SIC Code 1 Ad Size: Not Reported SIC Code 1 Year Appeared: Not Reported SIC Code 2: Not Reported SIC Code 2 Description: Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.18 miles S	139 ft (5 ft lower than site)	34

SITE NAME	MAPS	ID
Shattuck Sunny Cleaners	1, 2, 4	73965

ADDRESS	CITY	ZIP
2105 Woolsey St	Berkeley	

DETAILS
Site Added: 1/1/2013

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.18 miles S	139 ft (5 ft lower than site)	34
SITE NAME			MAPS	ID
WOOLSEY CLEANERS			1, 2, 4	332561-PD
ADDRESS			CITY	ZIP
2105 WOOLSEY ST			BERKELEY	94705-1830
DETAILS				
Listing Year: 1997 SIC Category: CLEANERS SIC Code: 721201				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.2 miles N	146 ft (2 ft higher than site)	35
SITE NAME			MAPS	ID
WALGREENS #4614			1, 2, 4	10196473
ADDRESS			CITY	ZIP
2801 ADELINE ST			BERKELEY	94703

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DETAILS
General Program & Facility Information CERS ID: 10196473 Facility ID: Not Reported Facility Regulator Key ID: FA0000411 Organization Code: 90036325 Business/Organization Name: WALGREENS Multiple Jurisdictional Business? (Y/N): Yes Business Origin: Business Count of Business' CERS User Accounts: 11 Facility Count for Business: 658 Last Submittal Date (any element): 2/26/2017 8:22:44 PM Count of Submitted Elements: 18 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: KARL BUSCHE Facility Specific Information Assessor Parcel Number (APN): Not Reported Number of Employees: 40 Property Owner Name: Not Reported Property Owner Phone Number: Not Reported Property Owner Mailing Address: Not Reported Property Owner Mailing City: Not Reported Property Owner Mailing State: Not Reported Property Owner Mailing Zip Code: Not Reported Property Owner Mailing Country: Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.2 miles N	146 ft (2 ft higher than site)	35
SITE NAME			**MAPS**	**ID**
Walgreen Co.			1, 2, 4	10196473-BC
ADDRESS			**CITY**	**ZIP**
2801 Adeline ST			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10196473 Owner Name: WALGREENS #4614 Owner Address: 200 Wilmot Road Owner City: Deerfield Owner State: IL Owner Zip: 60015 Mailing Address: Verisk 3E, Regulatory Dept/Walgreen Co, 3207 Grey Mailing City/State/Zip: Carlsbad, CA 92010 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: 4400 - HAZ WASTE GENERATOR Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.2 miles N	146 ft (2 ft higher than site)	**35**
SITE NAME			**MAPS**	**ID**
WALGREENS #4614			1, 2, 4	84241
ADDRESS			**CITY**	**ZIP**
2801 ADELINE ST			BERKELEY	94703

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DETAILS

Site Regulated Program Information
Site ID: 84241
Site EI ID: 10196473
Agency Provided Latitude: 37.857986
Agency Provided Longitude: -122.267273

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 10/20/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): See HMBP notes;
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 10/20/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine HMBP, Hazardous Waste and Storm Water facility compliance inspection, unannounced. The 2017 CERs submittal was done on 2.2617 by Karina Romero. Hazardous Waste manifests were available for review. Disposal is being done approximately every month. EPA I.D. #000322919. The hazardous waste bins were label appropriately, w/ start accumulation dates filled out. Hazardous com training records available for review on-line, Approx <40 employees trained. There were no violations noted during the inspection.
Evaluation Division: Berkeley City Toxics Management Division

More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-CESQG-US	No Longer Listed	0.2 miles N	146 ft (2 ft higher than site)	35
SITE NAME			**MAPS**	**ID**
WALGREENS #4614			1, 2, 4	CAL000322919
ADDRESS			**CITY**	**ZIP**
2801 ADELINE ST			BERKELEY	94703

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000322919 Source Type: A Generator Status Universe: SQG Generator Status: Small Quantity Generator NAICS1: PHARMACIES AND DRUG STORES Active Site Indicator: H---- Owner Name: 2801 ADELINE LLC Operator Name: WALGREEN CO. In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.2 miles N	146 ft (2 ft higher than site)	35
SITE NAME			**MAPS**	**ID**
WALGREENS #4614			1, 2, 4	CAL000322919
ADDRESS			**CITY**	**ZIP**
2801 ADELINE ST			BERKELEY	94703

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000322919 Source Type: A Generator Status Universe: SQG Generator Status: Small Quantity Generator NAICS1: PHARMACIES AND DRUG STORES Active Site Indicator: H---- Owner Name: 2801 ADELINE LLC Operator Name: WALGREEN CO. In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.2 miles N	146 ft (2 ft higher than site)	35
SITE NAME			**MAPS**	**ID**
RITE AID NO 5954			1, 2, 4	CA0000367920
ADDRESS			**CITY**	**ZIP**
2801 ADELINE ST			BERKELEY	94703

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CA0000367920 Source Type: Notification Generator Status Universe: SQG Generator Status: Small Quantity Generator Active Site Indicator: H---- Owner Name: RITE AID In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ Active Site Converter TSDF: ------ Active Site State Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.2 miles NE	169 ft (25 ft higher than site)	36

SITE NAME	MAPS	ID
SHEILA SCHWARTZBURG	1, 2, 4	CAC003015370

ADDRESS	CITY	ZIP
2923 FULTON ST.	BERKELEY	94075

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003015370 Source Type: Implementer Generator Status Universe: N Generator Status: Non-Generator NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES Active Site Indicator: H---- Owner Name: SHEILA SCHWARTZBURG Operator Name: SHEILA SCHWARTZBURG In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: Y Universal Waste Destination Facility: Y Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.21 miles W	118 ft (26 ft lower than site)	37

SITE NAME	MAPS	ID
NEW EARTH PRESS	1, 2, 4	7817553

ADDRESS	CITY	ZIP
1921 ASHBY AVE	BERKELEY	947030000

DETAILS
Reported Date: 1998

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	38

SITE NAME	MAPS	ID
Shattuck Auto Collision Center	1, 2, 4	10652446

ADDRESS	CITY	ZIP
3207 Shattuck Ave	Berkeley	94705

DETAILS

General Program & Facility Information
CERS ID: 10652446
Facility ID: Not Reported
Facility Regulator Key ID: Not Reported
Organization Code: 90611377
Business/Organization Name: Shattuck Auto Collision Center
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Business
Count of Business' CERS User Accounts: 3
Facility Count for Business: 1
Last Submittal Date (any element): 9/2/2017 1:28:53 PM
Count of Submitted Elements: 11
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: VIVIANA GARCIA

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.22 miles S	140 ft (4 ft lower than site)	38

SITE NAME	MAPS	ID
Siena Enterprises	1, 2, 4	10652446-BC

ADDRESS	CITY	ZIP
3207 Shattuck Ave	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10652446
Owner Name: Shattuck Auto Collision Center
Owner Address: 3207 Shattuck Ave
Owner City: (none)
Owner State: CA
Owner Zip: 94705
Mailing Address: 3207 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	38

SITE NAME	MAPS	ID
Shattuck Auto Collision Center	1, 2, 4	361521

ADDRESS	CITY	ZIP
3207 SHATTUCK AVE	BERKELEY	94705

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DETAILS

Site Regulated Program Information
Site ID: 361521
Site EI ID: 10652446
Agency Provided Latitude: 37.852077
Agency Provided Longitude: -122.265739

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 10/20/2016
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Facility has recently transitioned from Oakland CUPA to City of Berkeley CUPA's jurisdiction. The last inspection done by Oakland was 2015. Half of the shop is on 6618 Shattuck Ave, Oakland. The other half is on 3207 Shattuck Ave, Berkeley. Observations: Haz Mat: Hazardous materials are stored in flammable cabinets outside the paint mix room. The materials are compatible and in cood containers. Compressed gas cylinders are stored throughout the body shop floor, they are properly braced. Safety: Fire Exinguishers are up to date. Emergency phone number and evacuation plan is available to employees. Located in the lunch room. SW: There is no outdoor activity. Air compressors and some auto body parts are located outside within a storm resistant shelter. There is a storm drain inside the shelter that has been plugged by the oakland fire department. Loading and unloading is done inside the vehicle parking area. Misc: Rinsing occurs in a bermed wet sanding area and [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 10/20/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Observations: Hazardous waste is stored in the Bermed Wet Sanding Area. 3 55-gal drums in good condition were properly labeled. The used oil drum was left open. The last pick-up for the used oil, waste antifreeze and oily water was April 2016. A 30-gallon drum containing waste thinner is placed on secondary containment, outside the paint mix room. Container is labeled but missing an accumulation start date. Facility has electronics that may be waste. The owner will determine if it is to be discarded. If so, it should be labeled as "universal waste" and disposed of properly within a year.
Evaluation Division: Berkeley City Toxics Management Division
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	38
SITE NAME			**MAPS**	**ID**
SHATTUCK AUTO CENTER			1, 2, 4	493708
ADDRESS			**CITY**	**ZIP**
3207 SHATTUCK AVENUE			BERKELEY	94705-1824

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DETAILS
Site Regulated Program Information Site ID: 493708 Site EI ID: 110001165266 Agency Provided Latitude: 37.85204 Agency Provided Longitude: -122.2661 Program Description: US EPA Air Emission Inventory System (EIS) Evaluation Information : Not Reported :Violation Information : Not Reported :Enforcement Information : Not Reported :Chemical Information : Not Reported :Coordinate Information : Not Reported :

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.22 miles S	140 ft (4 ft lower than site)	38
SITE NAME			**MAPS**	**ID**
SHATTUCK AUTO CTR			1, 2, 4	569407-PD
ADDRESS			**CITY**	**ZIP**
3207 SHATTUCK AVE			BERKELEY	94705-1824
DETAILS				
Listing Year: 1997 SIC Category: AUTOMOBILE BODY-REPAIRING & PAINTING SIC Code: 753201				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	38
SITE NAME			**MAPS**	**ID**
SHATTUCK AUTO CENTER INC			1, 2, 4	375873
ADDRESS			**CITY**	**ZIP**
3207 SHATTUCK AVE			BERKELEY	947050000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.22 miles S	140 ft (4 ft lower than site)	38
SITE NAME			**MAPS**	**ID**
SHATTUCK AUTO CENTER INC			1, 2, 4	CAD079073623
ADDRESS			**CITY**	**ZIP**
3207 SHATTUCK AVE			BERKELEY	94705

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DETAILS
Additional details may be found online using the following link: https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD079073623 Source Type: Notification Generator Status Universe: SQG Generator Status: Small Quantity Generator NAICS1: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE Active Site Indicator: H---- Owner Name: WATERS IRVING Operator Name: NOT REQUIRED In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: N Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.22 miles NW	141 ft (3 ft lower than site)	39
SITE NAME			**MAPS**	**ID**
PG&E: Stuart Substation			1, 2, 4	10135723
ADDRESS			**CITY**	**ZIP**
2016 Stuart Street			Berkeley	94703

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DETAILS
General Program & Facility Information CERS ID: 10135723 Facility ID: Not Reported Facility Regulator Key ID: Not Reported Organization Code: 90000226 Business/Organization Name: PG&E Multiple Jurisdictional Business? (Y/N): Yes Business Origin: Letter Count of Business' CERS User Accounts: 104 Facility Count for Business: 1356 Last Submittal Date (any element): 2/28/2017 6:43:14 PM Count of Submitted Elements: 23 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: CARRIE ESTADT Facility Specific Information Assessor Parcel Number (APN): Not Reported Number of Employees: 0 Property Owner Name: Not Reported Property Owner Phone Number: Not Reported Property Owner Mailing Address: Not Reported Property Owner Mailing City: Not Reported Property Owner Mailing State: Not Reported Property Owner Mailing Zip Code: Not Reported Property Owner Mailing Country: Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.22 miles NW	141 ft (3 ft lower than site)	39
SITE NAME			**MAPS**	**ID**
Pacific Gas & Electric Company			1, 2, 4	10135723-BC
ADDRESS			**CITY**	**ZIP**
2016 Stuart ST			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10135723 Owner Name: PG&E: Stuart Substation Owner Address: c/o Environmental Services Department, 3401 Crow C Owner City: SAN RAMON Owner State: CA Owner Zip: 94583 Mailing Address: PO Box 7640 Mailing City/State/Zip: San Francisco, CA 94120 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA Program/Element: SW02 - STORMWATER Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.23 miles N	142 ft (2 ft lower than site)	40
SITE NAME			**MAPS**	**ID**
T T MOTORS			1, 2, 4	7814437
ADDRESS			**CITY**	**ZIP**
2800 ADELINE ST			BERKELEY	947030000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.23 miles E	175 ft (31 ft higher than site)	41
SITE NAME			**MAPS**	**ID**
Berkeley Pines Skilled Nursing Center			1, 2, 4	10684444
ADDRESS			**CITY**	**ZIP**
2223 Ashby Ave			Berkeley	94705

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DETAILS
General Program & Facility Information CERS ID: 10684444 Facility ID: Not Reported Facility Regulator Key ID: Not Reported Organization Code: 90637231 Business/Organization Name: Berkeley Pines Skilled Nursing Center Multiple Jurisdictional Business? (Y/N): No Business Origin: Business Count of Business' CERS User Accounts: 1 Facility Count for Business: 1 Last Submittal Date (any element): 2/1/2017 2:03:44 PM Count of Submitted Elements: 13 Remote Facility? (Y/N): No Small Quantity Generator Facility? (Y/N): No Local Facility Grouping: CARRIE ESTADT Facility Specific Information Assessor Parcel Number (APN): Not Reported Number of Employees: Not Reported Property Owner Name: Allen Leung Property Owner Phone Number: 5109268288 Property Owner Mailing Address: 2223 Ashby Ave. Property Owner Mailing City: Berkeley Property Owner Mailing State: CA Property Owner Mailing Zip Code: 94705 Property Owner Mailing Country: United States More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.23 miles E	175 ft (31 ft higher than site)	41
SITE NAME			**MAPS**	**ID**
Allen Leung			1, 2, 4	10684444-BC
ADDRESS			**CITY**	**ZIP**
2223 Ashby Ave			Berkeley	

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DETAILS
Responsible Agency: City of Berkeley Facility ID: 10684444 Owner Name: Berkeley Pines Skilled Nursing Center Owner Address: 2223 Ashby Ave. Owner City: BERKELEY Owner State: CA Owner Zip: 94705 Mailing Address: 2223 Ashby Ave Mailing City/State/Zip: Berkeley, CA 94705 Program/Element: 4200 - HMBP Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.23 miles E	175 ft (31 ft higher than site)	41
SITE NAME			**MAPS**	**ID**
Berkeley Pines Skilled Nursing Center			1, 2, 4	373678
ADDRESS			**CITY**	**ZIP**
2223 ASHBY AVE			BERKELEY	94705

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DETAILS
Site Regulated Program Information Site ID: 373678 Site EI ID: 10684444 Agency Provided Latitude: 37.85614 Agency Provided Longitude: -122.262703 Program Description: Chemical Storage Facilities Program Description: Hazardous Waste Generator Evaluation Information Evaluation Date: 7/19/2018 Violations Found? (Y/N): Yes Evaluation General Type: Other/Unknown Evaluation Type: Other, not routine, done by local agency Evaluation Note(s): Non-inspection related violation Evaluation Division: Berkeley City Toxics Management Division Evaluation Program: HMRRP Evaluation Source: CERS Evaluation Date: 8/23/2016 Violations Found? (Y/N): Yes Evaluation General Type: Compliance Evaluation Inspection Evaluation Type: Routine done by local agency Evaluation Note(s): Onsite to confirm information submitted in the Hazardous Materials Business Plan (HMBP). Emergency response section submitted 6/24/216 and hazardous materials section submitted 6/28/16 in CERS. Training includes fire drills which are conducted monthly and an internal disaster drill every 6 months. Records of drills/training were confirmed. Walkthrough review of inventory and full plan. Storage of cleaning supplies, propane for the generator and oxygen. Evaluation Division: Berkeley City Toxics Management Division More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles S	136 ft (8 ft lower than site)	42
SITE NAME			**MAPS**	**ID**
FLINTS' BBQ RESTAURANT			1, 2, 4	5717561
ADDRESS			**CITY**	**ZIP**
6601 SHATTUCK AVE			OAKLAND	94609
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1, 2, 4	246675
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704

DETAILS

Site Regulated Program Information
Site ID: 246675
Site EI ID: T0600100245
Agency Provided Latitude: 37.858068
Agency Provided Longitude: -122.268362

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1, 2, 4	T0600100245
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704

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DETAILS
Global ID: T0600100245 County: Alameda Site History: Not Reported Case Type: LUST Cleanup Site Status: Completed - Case Closed Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-0262 Loc Case Number: 01-0262 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Action Date: 2010-06-23 Action Type: ENFORCEMENT Action: Referral to Other State Agency Action Date: 1999-11-22 Action Type: ENFORCEMENT Action: Closure/No Further Action Letter Action Date: 1994-11-09 Action Type: ENFORCEMENT More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43

SITE NAME	MAPS	ID
1X CALIF CUNOCAR INC	1, 2, 4	7730662

ADDRESS	CITY	ZIP
2020 STUART ST	BERKELEY	947030000

DETAILS
Reported Date: 1998

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1, 2, 4	3080514
ADDRESS			**CITY**	**ZIP**
2020 STUART			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1, 2, 4	3080514
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1, 2, 4	8120-R2
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704

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DETAILS
Region: 2 - San Francisco County: Alameda Ground Water Detection Limit: < 1 Soil Detection Limit: Not Reported MTBE Cnts: 1 MTBE Fuel: 1 Status: 9 MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1, 2, 4	3080514
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1, 2, 4	T0600100245
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100245 Global ID: T0600100245 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 11/22/1999 CUF Case: YES Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 01-0262 Loc Case Number: 01-0262 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 11/18/1991 How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Agency Provided Latitude: 37.858068 Agency Provided Longitude: -122.268362 Regulatory Activities Details Action Date: 1991-11-18 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.26 miles N	150 ft (6 ft higher than site)	44

SITE NAME	MAPS	ID
FORMER SHELL SERVICE STATION	1, 4	T0600194037

ADDRESS	CITY	ZIP
2747 ADELINE ST	BERKELEY	94703

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600194037 Global ID: T0600194037 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 9/18/2001 CUF Case: NO Lead Agency: BERKELEY, CITY OF Case Worker: GAF Local Agency: BERKELEY, CITY OF RB Case Number: 231201 Loc Case Number: 02-498-001 File Location: Not Reported Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 7/26/1997 How Discovered: Other Means How Discovered Description: Not Reported Stop Method: Not Reported Stop Method Description: Not Reported Agency Provided Latitude: 37.858789 Agency Provided Longitude: -122.26719 Regulatory Activities Details Action Date: 1997-07-26 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-Closed-CA	Closed	0.26 miles S	136 ft (8 ft lower than site)	45
SITE NAME			**MAPS**	**ID**
SHATTUCK IMPORTS			1, 4	RO0003045-ALA-C
ADDRESS			**CITY**	**ZIP**
6562 SHATTUCK AVE			OAKLAND	94609

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DETAILS
County: Alameda Responsible Agency: Alameda County Environmental Health LOP Records Search URL: https://dehpra.acgov.org/LOP URL Instructions: Use Record ID to Search Record ID: RO0003045 Substance Code: 8006619 Substance Description: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded Release Type: UST Release Type Description: Substance released from Underground Storage Tank System Program: LUST Program Description: RP Identified & Solvent RP Identification Date: 6/2/1985 Affected Media Description: Undetermined affected Agency Provided Latitude: 37.851361302 Agency Provided Longitude: -122.265868846 Organization Name: ALAMEDA COUNTY LOP Organization Type: Not Applicable Status: Case Closed Organization Name: ESTATE OF PRASITTE SAKARINDR Organization Type: Property/Fee Title Owner Status: Case Closed Organization Name: KENNETH E BEESEN & GLORIA ZARIFA TRS Organization Type: Property/Fee Title Owner Status: Case Closed More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-Open-CA	Open	0.26 miles S	136 ft (8 ft lower than site)	45
SITE NAME			**MAPS**	**ID**
SHATTUCK IMPORTS			1, 4	RO0003045-ALA
ADDRESS			**CITY**	**ZIP**
6562 SHATTUCK AVE			OAKLAND	94609

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DETAILS
County: Alameda Responsible Agency: Alameda County Environmental Health GIS Mapper URL: http://gis.acgov.org/DEH/InspectionResults/?SITE=LOP URL Instructions: Go to URL, Choose in drop down Record Id-RO Number, Enter RO Number and Search Record ID: RO0003045 Substance Code: 8006619 Substance Description: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded Release Type: UST Release Type Description: Substance released from Underground Storage Tank System Program: LUST Program Description: RP Identified & Solvent RP Identification Date: 6/2/1985 Affected Media Description: Undetermined affected Agency Provided Latitude: 37.851361302 Agency Provided Longitude: -122.265868846 Organization Name: ALAMEDA COUNTY LOP Organization Type: Not Applicable Status: Pollution Characterization Organization Name: ALAMEDA COUNTY LOP Organization Type: Not Applicable Status: Leak Confirmation Organization Name: ESTATE OF PRASITTE SAKARINDR Organization Type: Property/Fee Title Owner Status: Leak Confirmation More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.26 miles S	136 ft (8 ft lower than site)	45
SITE NAME			**MAPS**	**ID**
SHATTUCK IMPORTS			1, 4	T0600101219
ADDRESS			**CITY**	**ZIP**
6562 SHATTUCK AVE			OAKLAND	94609

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101219 Global ID: T0600101219 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 12/22/2014 CUF Case: NO Lead Agency: ALAMEDA COUNTY LOP Case Worker: KLD Local Agency: ALAMEDA COUNTY LOP RB Case Number: 01-1324 Loc Case Number: RO0003045 File Location: All Files are on GeoTracker or in the Local Agency Database Potential Contaminants of Concern: Gasoline Potential Media Affected: Soil Begin Date: 6/2/1985 How Discovered: Tank Closure How Discovered Description: Not Reported Stop Method: Other Means Stop Method Description: Not Reported Agency Provided Latitude: 37.851323184 Agency Provided Longitude: -122.26575136 Regulatory Activities Details Action Date: 1985-06-02 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.31 miles NE	179 ft (35 ft higher than site)	46
SITE NAME			**MAPS**	**ID**
FUKUNAGA PROPERTY			1, 4	T0600101685
ADDRESS			**CITY**	**ZIP**
2227 OREGON ST			BERKELEY	94705

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101685
Global ID: T0600101685
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/7/1993
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1819
Loc Case Number: 01-1819
File Location: Not Reported
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Potential Media Affected: Soil
Begin Date: 8/20/1993
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.858298
Agency Provided Longitude: -122.262687

Regulatory Activities Details
Action Date: 1993-08-20 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.31 miles N	154 ft (10 ft higher than site)	47

SITE NAME	MAPS	ID
BEKINS VAN STORAGE	1, 4	T0600100167

ADDRESS	CITY	ZIP
2721 SHATTUCK AVE	BERKELEY	94704

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100167
Global ID: T0600100167
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/8/1996
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0180
Loc Case Number: 01-0180
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 8/11/1988
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8596534
Agency Provided Longitude: -122.2669727

Regulatory Activities Details
Action Date: 1988-08-11 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.32 miles S	131 ft (13 ft lower than site)	48
SITE NAME			**MAPS**	**ID**
GAS STATION / EAST BAY SMOG CENTER & AUTO REPAIR			1, 4	T10000002456
ADDRESS			**CITY**	**ZIP**
6501 SHATTUCK AVE			OAKLAND	94609

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002456
Global ID: T10000002456
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 6/27/2014
CUF Case: YES
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not Reported
Loc Case Number: RO0003066
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Lead, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 10/1/2009
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Close and Remove Tank
Stop Method Description: Not Reported
Agency Provided Latitude: 37.850482378
Agency Provided Longitude: -122.26612687

Regulatory Activities Details
Action Date: 2009-10-01 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.35 miles N	155 ft (11 ft higher than site)	49
SITE NAME			**MAPS**	**ID**
MCKEVITT VOLVO			1, 4	T0600100948
ADDRESS			**CITY**	**ZIP**
2700 SHATTUCK AVE			BERKELEY	94704

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100948
Global ID: T0600100948
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 8/10/2000
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1027
Loc Case Number: 01-1027
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 9/2/1986
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.859781
Agency Provided Longitude: -122.267824

Regulatory Activities Details
Action Date: 1986-09-02 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.38 miles N	157 ft (13 ft higher than site)	50

SITE NAME	MAPS	ID
BERKELEY FIRE STATION #5	1, 4	T0600100583

ADDRESS	CITY	ZIP
2680 SHATTUCK AVE	BERKELEY	94704

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100583
Global ID: T0600100583
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/1/1999
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0633
Loc Case Number: 01-0633
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Soil
Begin Date: 2/6/1992
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.86055
Agency Provided Longitude: -122.267515

Regulatory Activities Details
Action Date: 1992-02-06 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Site Assessment	0.4 miles E	196 ft (52 ft higher than site)	51

SITE NAME	MAPS	ID
CHEVRON SERVICE STATION	1, 4	T0600194038

ADDRESS	CITY	ZIP
2996 TELEGRAPH AVE	BERKELEY	94704

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600194038
Global ID: T0600194038
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 7/7/2014
CUF Case: YES
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: JMJ
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0354
Loc Case Number: TT01-0354
File Location: Local Agency
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 9/20/1989
How Discovered: Other Means
How Discovered Description: Not Reported
Stop Method: Close and Replace Tank
Stop Method Description: Not Reported
Agency Provided Latitude: 37.856424838
Agency Provided Longitude: -122.26013212

Regulatory Activities Details
Action Date: 1986-04-11 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Inactive	0.4 miles E	185 ft (41 ft higher than site)	**52**
SITE NAME			**MAPS**	**ID**
DAIR PROPERTY aka Southside Lofts			1, 4	SL0600186440
ADDRESS			**CITY**	**ZIP**
3075 TELEGRAPH AVENUE			BERKELEY	94705

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0600186440
Global ID: SL0600186440
Case Type: Cleanup Program Site
Status: Open - Inactive
Status Date: 7/27/2020
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: PF
Local Agency: Not Reported
RB Case Number: 01S0741
Loc Case Number: Not Reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, * Chlorinated Solvents - PCE
Potential Media Affected: Indoor Air, Other Groundwater (uses other than drinking water), Soil Vapor
Begin Date: 9/2/2004
How Discovered: * Other Means
How Discovered Description: SITE HISTORY INDICATED HISTORIC USE OF DRY CLEANING SOLVENTS. SUBSEQUENT ASSESSMENT IDENTIFIED PCE IN SOIL AND GROUNDWATER.
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.854215
Agency Provided Longitude: -122.259704

Regulatory Activities Details
Action Date: 2004-08-30 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.41 miles E	196 ft (52 ft higher than site)	53
SITE NAME			**MAPS**	**ID**
TOSCO - FACILITY #0852			1, 4	T0600101104
ADDRESS			**CITY**	**ZIP**
3001 TELEGRAPH AVE			BERKELEY	94705

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101104 Global ID: T0600101104 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 12/31/2013 CUF Case: YES Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: UUU Local Agency: BERKELEY, CITY OF RB Case Number: 01-1201 Loc Case Number: TT01-1201 File Location: Local Agency Potential Contaminants of Concern: Gasoline Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 9/22/1994 How Discovered: Inventory Control How Discovered Description: Dispenser upgrades and UST removal Stop Method: Close and Remove Tank Stop Method Description: Demolished all above and underground structures Agency Provided Latitude: 37.855931227 Agency Provided Longitude: -122.25935713 Regulatory Activities Details Action Date: 1994-07-22 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.42 miles N	146 ft (2 ft higher than site)	54
SITE NAME			**MAPS**	**ID**
UC BERKELEY PHYSICAL PLANT			1, 4	T0600101408
ADDRESS			**CITY**	**ZIP**
2000 CARLETON ST			BERKELEY	94720

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101408
Global ID: T0600101408
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 6/6/2003
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1524
Loc Case Number: 01-1524
File Location: Local Agency
Potential Contaminants of Concern: Diesel, Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 11/2/1988
How Discovered: Tank Closure
How Discovered Description: At time of tank closure
Stop Method: Close and Remove Tank
Stop Method Description: Close and Remove tank
Agency Provided Latitude: 37.8609189
Agency Provided Longitude: -122.2695059

Regulatory Activities Details
Action Date: 1988-07-01 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.43 miles SW	96 ft (48 ft lower than site)	55
SITE NAME			**MAPS**	**ID**
MALCOM X SCHOOL			1, 4	T0600101832
ADDRESS			**CITY**	**ZIP**
1734 PRINCE ST			BERKELEY	94704

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101832
Global ID: T0600101832
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/25/1996
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 30317
Loc Case Number: 30317
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Under Investigation
Begin Date: 7/19/1991
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.85218
Agency Provided Longitude: -122.273016

Regulatory Activities Details
Action Date: 1991-07-19 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Eligible for Closure	0.44 miles NW	131 ft (13 ft lower than site)	56

SITE NAME	MAPS	ID
Berkeley Adult Mental Health Clinic	1, 4	T10000014090

ADDRESS	CITY	ZIP
2640 Martin Luther King Jr. Way	Berkeley	94704

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000014090 Global ID: T10000014090 Case Type: LUST Cleanup Site Status: Open - Eligible for Closure Status Date: 11/5/2020 CUF Case: NO Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: CCM Local Agency: BERKELEY, CITY OF RB Case Number: 638812 Loc Case Number: Not Reported File Location: All Files are on GeoTracker or in the Local Agency Database Potential Contaminants of Concern: Diesel Potential Media Affected: Other Groundwater (uses other than drinking water), Soil Begin Date: 3/3/2020 How Discovered: Other Means, Visual How Discovered Description: PG&E was excavating and discovered the UST in the sidewalk. Stop Method: Close and Remove Tank, Remove Contents Stop Method Description: Remove UST and impacted soil surrounding UST was disposed offsite Agency Provided Latitude: 37.85977608 Agency Provided Longitude: -122.27217172 Regulatory Activities Details Action Date: 2020-03-03 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-Open-CA	Open	0.46 miles SE	165 ft (21 ft higher than site)	57
SITE NAME			**MAPS**	**ID**
ARCO #0374			1, 4	RO0000078-ALA
ADDRESS			**CITY**	**ZIP**
6407 TELEGRAPH AVE			Oakland	94609

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DETAILS
County: Alameda Responsible Agency: Alameda County Environmental Health GIS Mapper URL: http://gis.acgov.org/DEH/InspectionResults/?SITE=LOP URL Instructions: Go to URL, Choose in drop down Record Id-RO Number, Enter RO Number and Search Record ID: RO0000078 Substance Code: 8006619 Substance Description: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded Release Type: UST Release Type Description: Substance released from Underground Storage Tank System Program: LUST Program Description: RP Identified & Solvent RP Identification Date: 10/21/1992 Affected Media Description: Other Groundwater affected (uses other than drinking water) Agency Provided Latitude: 37.850272647 Agency Provided Longitude: -122.2606753472 Organization Name: ALAMEDA COUNTY LOP Organization Type: Not Applicable Status: Preliminary Site Assessment Underway Organization Name: ALAMEDA COUNTY LOP Organization Type: Not Applicable Status: Preliminary Site Assessment Workplan Submitted Organization Name: ALAMEDA COUNTY LOP Organization Type: Not Applicable Status: Pollution Characterization More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Remediation	0.46 miles SE	165 ft (21 ft higher than site)	57
SITE NAME			**MAPS**	**ID**
ARCO #0374			1, 4	T0600100106
ADDRESS			**CITY**	**ZIP**
6407 TELEGRAPH			Oakland	94609

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100106 Global ID: T0600100106 Case Type: LUST Cleanup Site Status: Open - Remediation Status Date: 3/6/2020 CUF Case: YES Lead Agency: ALAMEDA COUNTY LOP Case Worker: NL Local Agency: ALAMEDA COUNTY LOP RB Case Number: 01-0114 Loc Case Number: RO0000078 File Location: All Files are on GeoTracker or in the Local Agency Database Potential Contaminants of Concern: Benzene, Ethylbenzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Toluene, Xylene Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 2/8/1988 How Discovered: Other Means How Discovered Description: Not Reported Stop Method: Other Means Stop Method Description: Not Reported Agency Provided Latitude: 37.850526096 Agency Provided Longitude: -122.260812 Regulatory Activities Details Action Date: 1988-02-08 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.48 miles N	166 ft (22 ft higher than site)	58
SITE NAME			**MAPS**	**ID**
BERKELEY HONDA			1, 4	T0600118745
ADDRESS			**CITY**	**ZIP**
2600 SHATTUCK			BERKELEY	94704

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600118745
Global ID: T0600118745
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/12/2007
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 604113
Loc Case Number: Sha2600
File Location: Local Agency
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Soil
Begin Date: 4/25/2006
How Discovered: Tank Closure
How Discovered Description: VISUALLY IMPACTED SOIL. MULTIPLE HOLES, PRIMARILY AT THE BOTTOM WHERE AT THE EAST END. HOLES MAINLY FOUND WHERE THE END MEETS THE SIDES OF THE TANK.
Stop Method: Close and Remove Tank
Stop Method Description: TANK REMOVED AND DISPOSED.
Agency Provided Latitude: 37.862114
Agency Provided Longitude: -122.267254

Regulatory Activities Details
Action Date: 2006-04-25 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Site Assessment	0.5 miles S	130 ft (14 ft lower than site)	59
SITE NAME			**MAPS**	**ID**
AUTOMASTERS			1, 4	T0619748201
ADDRESS			**CITY**	**ZIP**
6200 SHATTUCK AVE.			OAKLAND	94609

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0619748201 Global ID: T0619748201 Case Type: LUST Cleanup Site Status: Open - Site Assessment Status Date: 8/7/2006 CUF Case: YES Lead Agency: ALAMEDA COUNTY LOP Case Worker: NL Local Agency: ALAMEDA COUNTY LOP RB Case Number: NA Loc Case Number: RO0002935 File Location: All Files are on GeoTracker or in the Local Agency Database Potential Contaminants of Concern: Benzene, Diesel, Ethylbenzene, Gasoline, Naphthalene, Toluene, Xylene Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 6/3/2006 How Discovered: * SA How Discovered Description: Not Reported Stop Method: Close and Remove Tank Stop Method Description: Not Reported Agency Provided Latitude: 37.848007 Agency Provided Longitude: -122.265296 Regulatory Activities Details Action Date: 1986-10-01 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.5 miles E	204 ft (60 ft higher than site)	60
SITE NAME			**MAPS**	**ID**
MARSHALL STEEL CLEANERS			1, 4	T0600100047
ADDRESS			**CITY**	**ZIP**
1229 28TH			Oakland	94608

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100047 Global ID: T0600100047 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 3/18/1998 CUF Case: NO Lead Agency: ALAMEDA COUNTY LOP Case Worker: Not Reported Local Agency: Not Reported RB Case Number: 01-0053 Loc Case Number: RO0000978 File Location: All Files are on GeoTracker or in the Local Agency Database Potential Contaminants of Concern: Diesel Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 8/15/1989 How Discovered: Other Means How Discovered Description: Not Reported Stop Method: Other Means Stop Method Description: Not Reported Agency Provided Latitude: 37.820513 Agency Provided Longitude: -122.284223 Regulatory Activities Details Action Date: 1989-08-15 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.5 miles E	204 ft (60 ft higher than site)	60

SITE NAME	MAPS	ID
ALTA BATES HOSPITAL	1, 4	T0600100061

ADDRESS	CITY	ZIP
3001 COLBY STREET	BERKELEY	94704

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DETAILS
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100061 Global ID: T0600100061 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 5/22/2020 CUF Case: NO Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: CCM Local Agency: Not Reported RB Case Number: 01-0067 Loc Case Number: TT01-0067 File Location: All Files are on GeoTracker or in the Local Agency Database Potential Contaminants of Concern: Diesel Potential Media Affected: Other Groundwater (uses other than drinking water) Begin Date: 5/7/1987 How Discovered: Facility Inspection, Inventory Control, Visual How Discovered Description: free product and strong vapors. Stop Method: Close and Fill Tank in Place, Replace product piping Stop Method Description: close tanks in place. Install one 20,000 gallon UST to replace two 10,000 gallon USTs. Agency Provided Latitude: 37.855504 Agency Provided Longitude: -122.257073 Regulatory Activities Details Action Date: 1987-05-07 00:00:00 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.5 miles E	204 ft (60 ft higher than site)	60
SITE NAME			**MAPS**	**ID**
AUTOPRO			1, 4	T0600100131
ADDRESS			**CITY**	**ZIP**
5200 TELEGRAPH			Oakland	94609

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DETAILS

Sites Details
URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100131
Global ID: T0600100131
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/9/2015
CUF Case: YES
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-0141
Loc Case Number: RO0000323
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 12/19/1990
How Discovered: Other Means
How Discovered Description: Not Reported
Stop Method: Other Means
Stop Method Description: Not Reported
Agency Provided Latitude: 37.838446
Agency Provided Longitude: -122.261693

Regulatory Activities Details
Action Date: 1989-11-17 00:00:00
More Details Link

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RECORDS SOURCES SEARCHED

ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Air-CA	Air Permits with Emissions	ERS Supplemental Govt Sources	Click Here	3
AIR-DIST-CA	Air Pollution Control District	ERS Supplemental Govt Sources	Click Here	None Found
AST-CA	Historical Aboveground Storage Tanks	State/Tribal UST	Click Here	None Found
AST-CRSP-CA	Aboveground Storage Tanks	State/Tribal UST	Click Here	None Found
BF-MOA-CA	Brownfield MOA Sites (aka Considered Brownfield Sites, SWRCB MOA, Brownfield Memorandum of Agreement)	State/Tribal Brownfield	Click Here	None Found
BF-Tribal-US	Historical Tribal Brownfields	Federal Brownfield	Click Here	None Found
BF-US	Brownfields Sites	Federal Brownfields	Click Here	None Found
BioFuel-US	Bio Diesel Fuel	ERS Supplemental Govt Sources	Click Here	None Found
BZ-HazWaste-CA	Border Zone or Hazardous Waste Property	State/Tribal ASTM Other Med	Click Here	None Found
CAF-CA	Confined Animal Facilities	ERS Supplemental Govt Sources	Click Here	None Found
CDL-CA	Clandestine Drug Labs	ERS Supplemental Govt Sources	Click Here	None Found
CDL-US	National Clandestine Drug Lab Register	ERS Supplemental Govt Sources	Click Here	None Found
CERCLIS-Archived-US	CERCLIS sites that have been archived	Federal CERCLIS NFRAP	Click Here	None Found
CERCLIS-US	Comprehensive Environmental Response, Compensation, and Liability Information System	Federal CERCLIS	Click Here	None Found
CERS-CA	California Environmental Reporting System (CERS)	State/Tribal ASTM Other Med	Click Here	13
CHMIRS-CA	California Hazardous Material Incident Report System	Emergency Release Reports	Click Here	None Found
CHWF-CA	Commercial Offsite Hazardous Waste Facilities	ERS Supplemental Govt Sources	Click Here	None Found
City-AST-CA	Underground Storage Tanks	State/Tribal UST	Click Here	None Found
City-CUPA-CA	Certified Unified Program Agency	State/Tribal ASTM Other Med	Click Here	14
City-Others-CA	Hazardous Material Facilities	State/Tribal ASTM Other Med	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
City-UST-CA	City Agency Underground Storage Tanks	State/Tribal UST	Click Here	2
Cleaners-CA	Cleaners	ERS Supplemental Govt Sources	Click Here	2
Coal-Ash-Dams-US	Coal Ash Contaminated Sites and Hazard Dams	ERS Supplemental Govt Sources	Click Here	None Found
Controls-CA	California sites with Deed Restrictions or other Controls	State/Tribal Inst/Eng Controls	Click Here	None Found
Controls-RCRA-US	RCRA Institutional and Engineering Controls Summary (aka Federal RCRA with Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
Controls-US	US CERCLA Sites with Controls (aka US IC/EC, Institutional/Engineering List Controls, Land Use Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
CorAct-Closed-CA	Corrective Action Sites	State/Tribal ASTM Other Low	Click Here	None Found
CorAct-Open-CA	Corrective Action Sites	State/Tribal ASTM Other High	Click Here	None Found
CorAct-Other-CA	Corrective Action Sites	State/Tribal ASTM Other Low	Click Here	None Found
CORTESE-CA	Cortese Hazardous Waste & Substances Sites List	State/Tribal ASTM Other Med	Click Here	None Found
County-AST-CA	Aboveground Storage Tanks	State/Tribal UST	Click Here	None Found
County-BI-CA	Business Inventory	ERS Supplemental Govt Sources	Click Here	None Found
County-Hist-CA	Historic Environmental County Listings	State/Tribal ASTM Other Med	Click Here	None Found
County-LUST-CA	County Agency Leaking Underground Storage Tanks	State/Tribal LUST	Click Here	None Found
County-LUST-Closed-CA	County Agency Leaking Underground Storage Tanks, Closed Cases	State/Tribal LUST	Click Here	1
County-LUST-Open-CA	County Agency Leaking Underground Storage Tanks, Open Cases	State/Tribal LUST	Click Here	2
County-Others-CA	Environmental Related Databases	State/Tribal ASTM Other Med	Click Here	None Found
County-SLIC-Closed-CA	County SLIC Sites	Emergency Release Reports	Click Here	None Found
County-SLIC-Open-CA	County SLIC Sites	Emergency Release Reports	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
County-SML-CA	County Site Mitigation Unit List	State/Tribal ASTM Other Med	Click Here	None Found
County-SWF-CA	County Solid Waste Facilities	State/Tribal Landfill/Solid Waste	Click Here	None Found
County-UST-CA	County Agency Underground Storage Tanks	State/Tribal UST	Click Here	None Found
CRSP-CA	Cal EPA Regulated Site Portal	State/Tribal ASTM Other Med	Click Here	23
CUPA-CA	Certified Unified Program Agency	State/Tribal ASTM Other Med	Click Here	None Found
Dams-CA	California Dams	ERS Supplemental Govt Sources	Click Here	None Found
Debris-US	Historical Debris Sites	Federal Solid Waste	Click Here	None Found
Deed-CA	Deed Restrictions/Land Use Restrictions	State/Tribal Inst/Eng Controls	Click Here	None Found
Delisted-NPL-US	Delisted NPL Sites	Federal Delisted NPL	Click Here	None Found
DPR-CA	Pesticide Regulation Licenses	ERS Supplemental Govt Sources	Click Here	None Found
DryCleaners-CA	Dry Cleaner Facilities	ERS Supplemental Govt Sources	Click Here	None Found
EGRID-US	Emissions & Generation Resource Facilities	ERS Supplemental Govt Sources	Click Here	None Found
ENF-CA	Enforcement Actions Data	State/Tribal ASTM Other Med	Click Here	7
ENF-SMARTS-CA	Storm Water Enforcement Actions	State/Tribal ASTM Other Med	Click Here	None Found
ENF-Wastewater-CA	Wastewater Enforcement Actions	State/Tribal ASTM Other Med	Click Here	None Found
EPA-Watch-List-US	Historical EPA Watch List	ERS Supplemental Govt Sources	Click Here	None Found
ERNS-US	Emergency Response Notification System	Federal ERNS	Click Here	None Found
Eval-Hist-Active-CA	EnviroStor Evaluation History Sites	State/Tribal ASTM Other	Click Here	None Found
Eval-Hist-NFA-CA	EnviroStor Database Evaluation History NFA Sites	State/Tribal ASTM Other	Click Here	None Found
Eval-Hist-Other-CA	EnviroStor Database Evaluation History NFA Sites	State/Tribal ASTM Other	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
FA-HW-CA	Financial Assurance, Hazardous Waste	ERS Supplemental Govt Sources	Click Here	None Found
FA-HW-US	Financial Assurance, Hazardous Waste	ERS Supplemental Govt Sources	Click Here	None Found
FA-SWF-CA	Financial Assurance, Solid Waste Facilities	ERS Supplemental Govt Sources	Click Here	None Found
FEMA-UST-US	Historical FEMA Underground Storage Tanks	Federal UST	Click Here	None Found
FRS-US	Facility Registry Index (FINDS)	ERS Supplemental Govt Sources	Click Here	6
FTTS-ENF-US	Historical FIFRA/TSCA Tracking System (FTTS) Enforcement Actions	Federal ASTM Other	Click Here	None Found
FTTS-INSP-US	Historical FIFRA/TSCA Tracking System (FTTS) Inspections	ERS Supplemental Govt Sources	Click Here	None Found
FUDS-US	Formerly Used Defense Sites	ERS Supplemental Govt Sources	Click Here	None Found
FUSRAP-US	Formerly Utilized Sites Remedial Action Program Sites	ERS Supplemental Govt Sources	Click Here	None Found
Haulers-CA	Registered Waste Tire Haulers Listing	ERS Supplemental Govt Sources	Click Here	None Found
HazWaste-CA	Hazardous Waste Facilities	State/Tribal ASTM Other Med	Click Here	None Found
Hist-AFS2-US	Historical Air Facility System for Clean Air Act stationary sources	ERS Supplemental Govt Sources	Click Here	None Found
Hist-AFS-US	Historical Air Facility System for Clean Air Act stationary sources	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Agriculture	Historical Ranches/Farms, Livestock/Agriculture	ERS Exclusive Historic Sources	Click Here	None Found
Hist-AST-CA	Historical Aboveground Storage Tanks	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Auto Dealers	Historical Auto and Truck Dealers	ERS Exclusive Historic Sources	Click Here	3
Hist-Auto Repair	Historical Automotive Repair	ERS Exclusive Historic Sources	Click Here	5
Hist-AWS-CA	Historical Annual Workplan Sites	ERS Supplemental Govt Sources	Click Here	None Found
Hist-CA	Previously Listed California Sites	ERS Supplemental Govt Sources	Click Here	65
Hist-CalFID-CA	Historical Facility Inventory Database	ERS Supplemental Govt Sources	Click Here	14
Hist-CALSITES-CA	Historical Calsites Database	ERS Supplemental Govt Sources	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Hist-CERCLIS-NFRAP-US	Historical CERCLIS-NFRAP	ERS Supplemental Govt Sources	Click Here	None Found
Hist-CERCLIS-US	Historical CERCLIS Sites	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Chemical Manufacturing	Historical Manufacturing and Distribution of Chemicals, Gases, and/or Solids	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Chemical-Storage	Historical Chemical/Hazardous Use Storage	ERS Exclusive Historic Sources	Click Here	1
Hist-City-UST-CA	Historical Underground Storage Tanks	ERS Supplemental Govt Sources	Click Here	2
Hist-Cleaners	Historical Laundry, Cleaners, and Dry Cleaning Services	ERS Exclusive Historic Sources	Click Here	4
Hist-Controls-CA	Historical Restricted Use Sites	State/Tribal Inst/Eng Controls	Click Here	None Found
Hist-Convenience	Historical Convenience Store with Possible Gas	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Cort-CA	Historical Cortese list	State/Tribal ASTM Other Med	Click Here	None Found
Hist-Deed-CA	Historical Deed Restriction Properties	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Disposal-Recycle	Historical Hazardous Disposal/Recycle and Dumps/Waste	ERS Exclusive Historic Sources	Click Here	None Found
Hist-DTG-CA	Depth to Groundwater	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Dumps-US	Historical Dumps Inventory of 1985	Federal Solid Waste	Click Here	None Found
Hist-ERNS-US	Historical Emergency Response Notification System (ERNS)	ERS Supplemental Govt Sources	Click Here	None Found
Hist-FIFRA-US	Historical Case Administration Data from National Compliance Database (Federal Insecticide, Fungicide, and Rodenticide Act)	ERS Supplemental Govt Sources	Click Here	None Found
Hist-FINDS-US	Historical Facility Index System	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Food-Processors	Historical Food Processing Manufacturers	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Gun-Ranges	Historical Gun Ranges/Clubs	ERS Exclusive Historic Sources	Click Here	None Found
Hist-HWS-CA	Historical Cortese List-Hazardous Waste Substance Site List	ERS Supplemental Govt Sources	Click Here	5

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Hist-LUSTIS-CA	Historical Lust Information System (LUSTIS)	ERS Supplemental Govt Sources	Click Here	7
Hist-Machine Shop	Historical Machine Shops, Welding, Machine Repair	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Manufacturing	Historical Sources US: Manufacturing	ERS Exclusive Historic Sources	Click Here	1
Hist-Metal Plating	Historical Metal Plating	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Mining	Historical Mining Operations	ERS Exclusive Historic Sources	Click Here	None Found
HIST-MLTS-US	Historical Material Licensing Tracking System	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Mortuaries	Historical Crematories/Mortuaries	ERS Exclusive Historic Sources	Click Here	None Found
HIST-MTBE-CA	Historical Sites With MTBE (Methyl Tertiary-Butyl Ether) Contamination	ERS Supplemental Govt Sources	Click Here	4
Hist-NPL-US	Historical National Priority List	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Oil-Gas	Historical Oil and Gas Well Related Facilities	ERS Exclusive Historic Sources	Click Here	None Found
Hist-OilGas-Refiners	Historical Oil/Gas Refiners/Manufacturers/Plants	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Orange-County-LF-CA	Historical Orange County Landfills	ERS Supplemental Govt Sources	Click Here	None Found
Historical-CA	Historical Sites	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Other	Historical Environmental Facilities	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Paint-Stores	Historical Paint Stores	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Petroleum	Historical Petroleum Refining/ Manufacturing/ Chemicals	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Post-Offices	Historical Post Offices	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Printers	Historical Printers and Publishers	ERS Exclusive Historic Sources	Click Here	7
Hist-Prop65-CA	Historical Prop 65 Sites	ERS Supplemental Govt Sources	Click Here	None Found
HIST-R4-CA	Historical sites	State/Tribal ASTM Other Med	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Hist-RCRIS-US	Historical EPA's Resource Conservation and Recovery Act	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Regional-LUST-CA	Historical Leaking Underground Storage Tanks	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Regional-Other-CA	Historical Toxic Lists, Site Mitigation, and Groundwater Cleanup Program	ERS Supplemental Govt Sources	Click Here	1
Hist-Regional-SLIC-CA	Historical Spills and Leak Sites	ERS Supplemental Govt Sources	Click Here	7
Hist-Regional-Spills-CA	Historical Industrial Cleanup Sites	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Regional-SWLF-CA	Historical County Landfills and Transfer Stations	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Regional-UST-CA	Historical Underground Storage Tanks	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Rental	Historical Rental Equipment & Yards	ERS Exclusive Historic Sources	Click Here	None Found
Hist-RV-Dealers	Historical Trailer and Recreational Vehicle Dealers	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Salvage	Historical Vehicle Salvage Yards or Wreckers	ERS Exclusive Historic Sources	Click Here	None Found
Hist-SCL-CA	Historical California Cerclis Sites	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Service Stations	Historical Service Stations/Vehicle Fueling	ERS Exclusive Historic Sources	Click Here	9
HIST-SLIC-CV-CLOSED-CA	Historical Central Valley Spills and Leak Sites	Emergency Release Reports	Click Here	None Found
HIST-SLIC-CV-OPEN-CA	Historical Central Valley Spills and Leak Sites	Emergency Release Reports	Click Here	None Found
Hist-Steel-Metals	Historical Steel Mills/Manufacturers/Foundries/Smelters	ERS Exclusive Historic Sources	Click Here	None Found
Hist-SWIS-CA	Historical Solid Waste Information System (SWIS)	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Textile	Historical Textile Mills/Manufacturers	ERS Exclusive Historic Sources	Click Here	None Found
Hist-ToxicPits-CA	Historical Toxic Pits Cleanup Facilities	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Transportation	Historical Transportation Facilities	ERS Exclusive Historic Sources	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Hist-TRIS-US	Historical Toxic Release Inventory System	ERS Supplemental Govt Sources	Click Here	None Found
Hist-Trucking	Historical Trucking, Shipping, Delivery, and/or Storage	ERS Exclusive Historic Sources	Click Here	None Found
Hist-US	Historical Previously Listed Federal Sites	ERS Supplemental Govt Sources	Click Here	1
Hist-US-EC	Historical Engineering Controls Sites (aka US EC, Engineering Controls, Land Use Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
Hist-USGS-WaterWells-CA	Historical Ground Water Site Inventory for California	ERS Supplemental Govt Sources	Click Here	None Found
Hist-US-IC	Historical Sites with Institutional Controls (aka US IC, Institutional Controls, Land Use Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
Hist-UST-CA	Historical Hazardous Substance Storage Infirmation (aka Historical Underground Storage Tanks)	State/Tribal UST	Click Here	2
Hist-UST-Cleanup-CA	Historic UST Cases Recommended for Closure under UST Cleanup Fund 5 Year Review (aka UST Cleanup Fund Cases)	State/Tribal LUST	Click Here	None Found
Hist-USTReg-CA	Historical Underground Storage Tank Registrations Database	ERS Supplemental Govt Sources	Click Here	1
Hist-Vehicle-Parts	Historical Vehicle Parts	ERS Exclusive Historic Sources	Click Here	None Found
Hist-Vehicle-Washing	Historical Vehicle/Truck Washing Facilities	ERS Exclusive Historic Sources	Click Here	None Found
Hist-WaterWells-US	Historical Public Community Water Supply/Well Head Protection Database	ERS Supplemental Govt Sources	Click Here	None Found
Hist-WIP-Active-CA	Historical Well Investigation Program Case List, Active Sites (aka WIP)	State/Tribal ASTM Other Med	Click Here	None Found
Hist-WIP-Backlog-CA	Historical Well Investigation Program Case List, Backlog Sites (aka WIP)	State/Tribal ASTM Other Med	Click Here	None Found
Hist-WIP-Historical-CA	Historical Well Investigation Program Case List, Historical Sites (aka WIP)	State/Tribal ASTM Other Low	Click Here	None Found
Hist-WMUDS-CA	Historical Waste Management Unit Database System	ERS Supplemental Govt Sources	Click Here	None Found
HMIS-US	Hazardous Materials Information System	Federal Emergency Release Reports	Click Here	None Found
HWIS-CA	Hazardous Waste Information Summary	State/Tribal RCRA Equivalent	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
HWMP-Controls-CA	Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction	State/Tribal Inst/Eng Controls	Click Here	None Found
HWT-CA	Hazardous Waste Transporters	ERS Supplemental Govt Sources	Click Here	None Found
ICE-CA	Inspection, Compliance, and Enforcement	State/Tribal ASTM Other Med	Click Here	None Found
ICIS-Air-US	Integrated Compliance Information System for Air	ERS Supplemental Govt Sources	Click Here	None Found
ICIS-FEC-US	Integrated Compliance Information System for Federal Enforcement Data	ERS Supplemental Govt Sources	Click Here	None Found
ICIS-NPDES-US	National Pollutant Discharge Elimination System (NPDES)	ERS Supplemental Govt Sources	Click Here	None Found
LA-LF-CA	Los Angeles County Landfills	State/Tribal Solid Waste	Click Here	None Found
Land-Disposal-CA	Geotracker - Land Disposal Sites (aka Landfills, LDS)	State/Tribal Landfill/Solid Waste	Click Here	None Found
LA-Waste-Haulers-CA	Waste Haulers	ERS Supplemental Govt Sources	Click Here	None Found
Lead-Smelter-2-US	Historical Lead Smelter Sites	ERS Supplemental Govt Sources	Click Here	None Found
Lead-US	Lead Smelter Sites	ERS Supplemental Govt Sources	Click Here	None Found
Liens-CA	Environmental Liens	State/Tribal Inst/Eng Controls	Click Here	None Found
LIENS-US	Superfund Liens	Federal Institutional/Engineering Controls	Click Here	None Found
LMOP-US	Landfill Methane Outreach Program	ERS Supplemental Govt Sources	Click Here	None Found
LUST-Closed-CA	Geotracker - Leaking Underground Storage Tanks, Closed Cases	State/Tribal LUST	Click Here	22
LUST-Open-CA	Geotracker - Leaking Underground Storage Tanks, Open Cases	State/Tribal LUST	Click Here	4
Manifest2-RI	Hazardous Waste Manifest	State/Tribal RCRA Equivalent	Click Here	None Found
MethaneLF-CA	Methane Producing Landfills	State/Tribal Other	Click Here	None Found
Military-Active-CA	EnviroStor Database Military Active Sites (aka MCS)	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
Military-Bases-US	Military Base Boundaries	ERS Supplemental Govt Sources	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Military-NFA-CA	EnviroStor Database Military Active Sites (aka MCS)	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
Military-Other-CA	EnviroStor Database Military Active Sites (aka MCS)	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
Mines2-CA	California Mines	ERS Supplemental Govt Sources	Click Here	None Found
Mines-CA	Historical Death Valley Mines	ERS Supplemental Govt Sources	Click Here	None Found
Mines-CDMG-CA	California Division of Mines and Geology	ERS Supplemental Govt Sources	Click Here	None Found
MINES-US	Mines Master Index File	ERS Supplemental Govt Sources	Click Here	None Found
MLTS-US	Material Licensing Tracking System	ERS Supplemental Govt Sources	Click Here	None Found
Mortgage-CA	Cal Mortgage Facilities	ERS Supplemental Govt Sources	Click Here	None Found
MRDS-US	Mineral Resources Data System (MRDS)	ERS Supplemental Govt Sources	Click Here	None Found
MWMP-CA	Medical Waste Management Program	ERS Supplemental Govt Sources	Click Here	None Found
NCI-CA	Non-Case Information	ERS Supplemental Govt Sources	Click Here	None Found
NEI-LF-CA	Historical NEI (National Emission Inventory) Landfill Point Sources	ERS Supplemental Govt Sources	Click Here	None Found
NPDES-CA	National Pollutant Discharge Elimination System	ERS Supplemental Govt Sources	Click Here	None Found
NPDES-SW-CA	Notice of Intent Data	ERS Supplemental Govt Sources	Click Here	None Found
NPL-R9-US	NPL Region 9 Site Boundaries	Federal NPL	Click Here	None Found
NPL-US	National Priorities List	Federal NPL	Click Here	None Found
OGM-CA	Oil and Gas Monitoring	ERS Supplemental Govt Sources	Click Here	None Found
OGW-CA	California Oil and Gas Wells	ERS Supplemental Govt Sources	Click Here	None Found
OSCF-CA	Orphan Site Cleanup Fund	ERS Supplemental Govt Sources	Click Here	None Found
PADS-US	PCB Registration Database System	Federal ASTM Other	Click Here	None Found
PCB-US	PCB Transformers	Federal ASTM Other	Click Here	None Found
PCS-US	Historical Permit Compliance System for Clean Water Act	ERS Supplemental Govt Sources	Click Here	None Found
Perch1-CA	Perchlorate Confirmed Contaminant Sites	ERS Supplemental Govt Sources	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Perch2-CA	Perchlorate Confirmed Contaminant Sites	ERS Supplemental Govt Sources	Click Here	None Found
PR-MOA-CA	Polanco Redevelopment MOA Sites	State/Tribal ASTM Other Med	Click Here	None Found
Project-CA	Project - Multipurpose Site Type	ERS Supplemental Govt Sources	Click Here	None Found
Proposed-NPL-US	Proposed NPL Sites	Federal NPL	Click Here	None Found
RADINFO-US	Radiation Information Database	ERS Supplemental Govt Sources	Click Here	None Found
RCRA-CESQG-US	Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators (aka RCRA CESQG)	Federal RCRA Generators	Click Here	1
RCRA-COR-US	Resource Conservation and Recovery Act, - Corrective Actions (aka RCRA CORRACTS)	Federal RCRA CORRACTS	Click Here	None Found
RCRA-LQG-US	Resource Conservation and Recovery Act, Large Quantity Generators (aka RCRA LQG)	Federal RCRA Generators	Click Here	None Found
RCRA-NON-US	Resource Conservation and Recovery Act, Non-Hazardous Generators (aka RCRA Non-Haz, RCRA NonGen, RCRA No longer Regulated)	Federal RCRA Generators	Click Here	8
RCRA-SQG-US	Resource Conservation and Recovery Act, Small Quantity Generators (aka RCRA SQG)	Federal RCRA Generators	Click Here	7
RCRA-TSDF-US	Resource Conservation and Recovery Act -, Treatment, Storage, and Disposal Facilities (aka RCRA TSD, RCRA TSDF)	Federal RCRA non-CORRACTS TSD	Click Here	None Found
Response-CA	State Response Sites and National Priorities List (NPL)	State/Tribal NPL	Click Here	None Found
RFG-Lab-US	Reformulated Gasoline (RFG)	ERS Supplemental Govt Sources	Click Here	None Found
RMP-US	Risk Management Plans	ERS Supplemental Govt Sources	Click Here	None Found
ROD-US	Records of Decision	ERS Supplemental Govt Sources	Click Here	None Found
SAA-Agreements-US	Sites with Superfund Alternative Approach Agreements	Federal ASTM Other	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
School-Active-CA	EnviroStor Database School Active Sites (aka School Property Evaluation Program, SCH)	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
School-NFA-CA	EnviroStor Database School Active Sites (aka School Property Evaluation Program, SCH)	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
School-Other-CA	EnviroStor Database School Active Sites (aka School Property Evaluation Program, SCH)	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
SDWIS-US	Safe Drinking Water Information System	ERS Supplemental Govt Sources	Click Here	None Found
SGV-Deep-Plumes-CA	San Gabriel Valley Deep Plumes	State/Tribal Solid Waste	Click Here	None Found
SGV-Shallow-Plumes-CA	San Gabriel Valley Shallow Plumes	State/Tribal Solid Waste	Click Here	None Found
SGV-Shallow-Plumes-Puente-Valley-CA	Puente Valley Shallow Plumes	State/Tribal Solid Waste	Click Here	None Found
SLIC-Closed-CA	Geotracker - The Spills, Leaks, Investigation & Cleanup (SLIC), Closed Cases	Emergency Release Reports	Click Here	1
SLIC-Open-CA	Geotracker -Spills, Leaks, Investigation & Cleanup (SLIC), Open Cases	Emergency Release Reports	Click Here	2
SML-CA	Site Mitigation List	State/Tribal ASTM Other Med	Click Here	None Found
SP-CA	Sampling Points	ERS Supplemental Govt Sources	Click Here	None Found
Spills-SSO-CA	Sanitary Sewer System	ERS Supplemental Govt Sources	Click Here	3
SSTS-US	Section 7 Tracking System	ERS Supplemental Govt Sources	Click Here	None Found
State-Response-Active-CA	EnviroStor State Response Active Sites	State/Tribal NPL	Click Here	None Found
State-Response-NFA-CA	EnviroStor State Response NFA Sites	State/Tribal NPL	Click Here	None Found
State-Response-Other-CA	EnviroStor State Response Other Sites	State/Tribal NPL	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Superfund-Active-CA	Envirorstor Superfund Active Sites (aka BEAP, CalSites, Brownfields and Environmental Restoration Program)	State/Tribal CERCLIS Equivalent	Click Here	None Found
Superfund-NFA-CA	EnviroStor Superfund NFA Sites (aka BEAP, CalSites, Brownfields and Environmental Restoration Program)	State/Tribal CERCLIS Equivalent	Click Here	None Found
Superfund-Other-CA	EnviroStor Superfund Sites (aka BEAP, CalSites, Brownfields and Environmental Restoration Program)	State/Tribal CERCLIS Equivalent	Click Here	None Found
SWIS-CA	Solid Waste Information System	State/Tribal Landfill/Solid Waste	Click Here	None Found
SWLF-US	Solid Waste Facilities	Federal Solid Waste	Click Here	None Found
SWRCY-CA	Beverage Container Recycler Database	State/Tribal ASTM Other Med	Click Here	None Found
TierPer-CA	Tiered Permits	ERS Supplemental Govt Sources	Click Here	None Found
TOMS-CA	Topographically Occurring Mine Symbols	ERS Supplemental Govt Sources	Click Here	None Found
Tribal-Air-US	Tribal Air Permitted Facilities	ERS Supplemental Govt Sources	Click Here	None Found
Tribal-LUST-Closed-Reg4	Tribal Leaking Underground Storage Tanks, Region 4, Closed Cases (aka Indian LUST)	Federal LUST	Click Here	None Found
Tribal-LUST-Closed-Reg9	Tribal Leaking Underground Storage Tanks, Region 9 (aka Indian Lust)	Federal LUST	Click Here	None Found
Tribal-LUST-Open-Reg10	Tribal Leaking Underground Storage Tanks (aka Indian LUST)	Federal LUST	Click Here	None Found
Tribal-LUST-Open-Reg4	Tribal Leaking Underground Storage Tanks, Region 4, Open Cases (aka Indian LUST)	Federal LUST	Click Here	None Found
Tribal-LUST-Open-Reg9	Tribal Leaking Underground Storage Tanks , Region 9 (aka Indian Lust)	Federal LUST	Click Here	None Found
Tribal-LUST-Reg1	Tribal Leaking Underground Storage Tanks (aka Indian LUST)	Federal LUST	Click Here	None Found
Tribal-LUST-Reg7	Tribal Leaking Underground Storage Tanks, Region 7 (aka Indian LUST)	Federal LUST	Click Here	None Found
Tribal-ODI-US	Tribal Open Dump Sites	Federal Solid Waste	Click Here	None Found
Tribal-UST-Reg1	Tribal Underground Storage Tanks (aka INDIAN UST)	Federal UST	Click Here	None Found
Tribal-UST-Reg10	Tribal Underground Storage Tanks (aka Indian UST)	Federal UST	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Tribal-UST-Reg4	Tribal Underground Storage Tanks (aka INDIAN UST)	Federal UST	Click Here	None Found
Tribal-UST-Reg7	Tribal Underground Storage Tanks, Region 7 (aka UST)	Federal UST	Click Here	None Found
Tribal-UST-Reg9	Tribal Underground Storage Tanks (aka Tribal UST)	Federal UST	Click Here	None Found
Tribal-VCP-US	Tribal VCP	Federal Tribal VCP	Click Here	None Found
TRIS2000-US	Historical Toxics Release Inventory System	ERS Supplemental Govt Sources	Click Here	None Found
TRIS2010-US	Toxics Release Inventory System	ERS Supplemental Govt Sources	Click Here	None Found
TRIS80-US	Historical Toxics Release Inventory System	ERS Supplemental Govt Sources	Click Here	None Found
TRIS90-US	Historical Toxics Release Inventory System	ERS Supplemental Govt Sources	Click Here	None Found
TSCA-US	Toxics Substance Control Sites	ERS Supplemental Govt Sources	Click Here	None Found
UIC2-CA	Injection Wells	ERS Supplemental Govt Sources	Click Here	None Found
UIC-CA	Underground Injection Control Wells	ERS Supplemental Govt Sources	Click Here	None Found
UMTRA-US	Historical Uranium Mill Tailings Remedial Action Sites	ERS Supplemental Govt Sources	Click Here	None Found
USGS-Waterwells-US	Ground Water Site Inventory	ERS Supplemental Govt Sources	Click Here	None Found
UST-Abandoned-CA	Abandoned UST Initiative (aka Inventory of Abandoned Tank Sites)	State/Tribal UST	Click Here	None Found
UST-CA	Geotracker - Underground Storage Tanks	State/Tribal UST	Click Here	2
UST-Closed-CA	UST Case Closure Review Denials and Approved Orders (aka Closure of Underground Storage Tank (UST) Cases)	State/Tribal UST	Click Here	None Found
USTComp-CA	Previously Abandoned Tanks Now in Compliance (aka Compliance UST)	State/Tribal UST	Click Here	None Found
UST-CRSP-CA	Underground Storage Tanks	State/Tribal UST	Click Here	2
UST-Priority-CA	UST Cleanup Fund Priority List	State/Tribal UST	Click Here	None Found
UST-Proposed-CA	Proposed Closure of UST Cases (aka UST Proposed for Closure)	State/Tribal UST	Click Here	None Found

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ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Vapor-Intrusions-US	Vapor Intrusion Database	ERS Supplemental Govt Sources	Click Here	None Found
VCP-Active-CA	EnviroStor VCP Active Sites	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
VCP-NFA-CA	EnviroStor Database VCP NFA Listing	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
VCP-Other-CA	EnviroStor VCP Other Sites	State/Tribal Voluntary Cleanup Sites	Click Here	None Found
WDR-CA	Waste Discharge Requirements	ERS Supplemental Govt Sources	Click Here	None Found

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UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

ID	Facility Name	Address	Database	Status
No "un-mapped" sites requested.				

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ENVIRONMENTAL RECORD SEARCH
"The Intelligent Choice"

RecCheck Report for : CPAK

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Air-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
ARCO FACILITY #00414 - SHAZADA KHAN	1,2,3,4	BAY AQMD-BA-111264

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

Toxic Facility Information
Agency ID Desc: The first portion is the Air Quality District, the second portion is the County, the last is the Facility ID
Facility ID: 111264
Database Year: 2015
Air Basin: SF
County Code: 1
District Code: BA
District: BAY AREA AQMD
Facility SIC Code: 5411
COID: ALA
Prioritization Thresholds: Not Reported
Health Risk Assessment (HRA): Not Reported
Non-Cancer Chronic Hazard Index: Not Reported
Non-Cancer Acute Hazard Index: Not Reported
CHAPIS: Not Reported
CERR Code: Not Reported

Pollutant Information
TOG - Total Organic Gases (Tons/Yr): 0.4178142
ROG - Reactive Organic Gases (Tons/Yr): 0.4178142
CO - Carbon Monoxide (Tons/Yr): Not Reported
NOx - Oxides of Nitrogen (Tons/Yr): Not Reported
SOx - Oxides of Sulfur (Tons/Yr): Not Reported
PM - Particulate Matter (Tons/Yr): Not Reported
PM - Particulate Matter - 10 Micrometers or Smaller (Tons/Yr): Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
Berkeley Gas & Smog	1,2,3,4	10195858

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

General Program & Facility Information
CERS ID: 10195858
Facility ID: Not Reported
Facility Regulator Key ID: FA0000012
Organization Code: 90608449
Business/Organization Name: Berkeley Gas & Smog
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Business
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 4/27/2017 10:33:20 AM
Count of Submitted Elements: 30
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: 2
Property Owner Name: Xin Jin
Property Owner Phone Number: 5106922994
Property Owner Mailing Address: 3000 Shattuck Avenue
Property Owner Mailing City: Berkeley
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: United States

Inspection Information

Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 1/13/2017
Hazardous Waste Generator (HW) Last Inspection Date: 11/5/2014
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: 1/13/2017

Hazardous Material Inventory Information
Chemical Location: underground
Chemical Name: Gasoline
Common Chemical Name: Reg Unleaded Gasoline 87 Octane
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: 599746
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: 86290-81-5
Primary Fire Code Hazardous Class: Flammable Liquid, Class I-B
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 19703
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 3200
Maximum Daily Amount Containing a Hazardous Material: 5000
Estimate of Annual Amount Handled: 0
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: Y

Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: 1-5 Benzene
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 71-43-2
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: 0-15 Etanol
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: 8-15 Aylene
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: 1330-20-7
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: 7-14 Toalene
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: 108-88-3
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: 5105294820
Fax Number: Not Reported

Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: Not Reported
NAICS Code: Not Reported
Mailing Address: 3000 Shattuck Ave
Mailing Address City: Berkeley
Mailing Address State Code: CA
Mailing Address Zip Code: 94705
Operator Name: Baskaran Subbiah
Operator Phone Number: 5104697634
Owner Name: Baskaran Subbiah
Owner Phone: 5104697634
Owner Mailing Address: 3000 Shattuck Avenue
Owner City: Berkeley
Owner State: CA
Owner Zip Code: 94705
Owner Country: United States
Environmental Contact Name: Baskar Subbiah
Environmental Contact Phone Number: 5104697634
Environmental Contact Mailing Address: 3000 Shattuck Avenue
Environmental Contact Email Address: baskargi@gmail.com
Environmental Contact City: Berkeley
Environmental Contact State: CA
Environmental Contact Zip: 94705
Environmental Contact Country: United States
Primary Emergency Contact Name: Baskar Subbiah
Primary Emergency Contact Title: Operator
Primary Emergency Contact Business Phone Number: 5104697634
Primary Emergency Contact 24Hr Phone: 5104697634
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Nirmal Phunyal
Secondary Emergency Contact Title: Manager
Secondary Emergency Contact Business Phone: 5109829286
Secondary Emergency Contact 24Hr Phone: 5109829286
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Baskaran Subbiah
Identification Signer Name: Baskaran Subbiah
Identification Signer Title: Operator
Billing Contact Name: Baskar Subbiah
Billing Contact Phone: 5104697634
Billing Contact Email: baskargi@gmail.com
Billing Address: 3000 Shattuck Ave
Billing City: Berkeley
Billing State: CA
Billing Zip: 94705
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: CAL000424917
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): Y
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): Y
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 4/27/2017 10:33:20 AM
Submittal Action: Accepted
BP Activities Last Updated Date: 4/27/2017 10:32:17 AM
BP Owner/Operator Last Updated Date: 4/27/2017 10:32:17 AM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: 10/14/2016
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85501
Agency Provided Longitude: -122.26677
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:05:56 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 10/14/2016
Facility Info Last Submitted Date: 4/27/2017 10:33:20 AM
Facility Info Accepted Date: 4/27/2017 11:18:44 AM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 6/12/2016
Inventory Last Submitted Date: 4/27/2017 10:33:20 AM

Inventory Last Accepted Date: 4/27/2017 11:18:54 AM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 10/14/2016
ER Training Last Submitted Date: 4/27/2017 10:33:20 AM
ER Training Last Accepted Date: 4/27/2017 11:19:04 AM
UST Regulator Code: 6120
UST Reporting Requirement: Applicable
UST Next Due Date: 12/15/2016
UST Last Submitted Date: 4/27/2017 10:33:20 AM
UST Last Accepted Date: 4/27/2017 11:19:14 AM
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
BOE Number: 44050911
Type of Action: Confirmed/Updated Information
UST Facility Type: Motor Vehicle Fueling
Permit Holder Notification Information: Facility Operator
Total Number of USTs: 3
Indian or Trust Land: No

Supervisor of Division, Section, or Office: Not Reported
Tank Owner Name: 3000 Shattuck Avenue LLC
Tank Owner Phone: 510-692-2994
Tank Owner Mailing Address: 1958A University Avenue
Tank Owner City: Berkeley
Tank Owner State: CA
Tank Owner ZIP Code: 94704
Tank Owner Country: United States
Tank Owner Type: Non-Government
Tank Operator Name: Baskaran Subbiah
Tank Operator Phone: 510-469-7634
Tank Operator Mailing Address: 3000 Shattuck Ave
Tank Operator City: Berkeley
Tank Operator State: Ca
Tank Operator ZIP Code: 94705
Tank Operator Country: United States
Self-Insured?: No
Guarantee?: No
Insurance?: No
Surety Bond?: No
Letter of Credit?: No
Exemption?: No
State Fund and CFO letter?: Yes
State Fund and CD?: No
Local Government Mechanism?: No
Other?: No
Other Description: Not Reported
Date Submitted to CERS: 4/27/2017 10:33:20 AM
Date Accepted by Regulator: 4/27/2017 11:19:15 AM
Regulator Comment: Not Reported
Regulator Agent Name: Karl Busche
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

Tank & Monitoring Plan Information
Tank ID #: 3 - WO
Type of Action: Confirmed/Updated Information
Tank Manufacturer: Unknown
Tank Configuration: A Stand-alone Tank
Tank Capacity (In Gallons): 500
Date UST System Installed: 1/20/2000
Date UST Permanently Closed: Not Reported
Date Existing UST Discovered: Not Reported
Number of Compartments in the Unit: 1
Additional Description: Not Reported
Tank Use: Hazardous Waste (includes used oil)
Specify Other Tank Use: Not Reported
Tank Contents: Used Oil
Specify Other Petroleum: Not Reported

Specify Other Non-Petroleum: Not Reported
Type of Tank: Double Wall
Tank Primary Containment Construction: Steel
Tank Construction - Other Primary Containment Construction: Not Reported
Tank Construction - Tank Secondary Containment Construction: Fiberglass
Tank Construction - Other Secondary Containment Construction: Not Reported
Audible/Visual Alarms: No
Ball Float: No
Fill Tube Shut-Off Valve: No
Exempt: Yes
Piping Construction: Single-walled
Piping System Type: Gravity
Primary Containment Construction: Steel
Other Primary Containment Construction: Not Reported
Secondary Containment Construction: Fiberglass
Other Secondary Containment Construction: Not Reported
Piping/Turbine Containment Sump: None
Vent Piping Construction - Primary Containment Construction: Fiberglass
Vent Piping Const - Other Primary Containment Construction: Not Reported
Vent Piping Construction - Secondary Containment Construction: None
Vent Piping Const - Other Secondary Containment Construction: Not Reported
Vent Piping Transition Sumps: None
VR Piping Const - Primary Containment Construction: None
VR Piping Const - Other Primary Containment Construction: Not Reported
VR Piping Const - Secondary Containment Construction: None
VR Piping Const - Other Secondary Containment Construction: Not Reported
Riser/Fill Piping Const - Primary Containment Const: Steel
Riser/Fill Piping Const - Other Primary Containment Const: Not Reported
Riser/Fill Piping Const - Secondary Containment Const: Fiberglass
Riser/Fill Piping Const - Other Secondary Containment Const: Not Reported
Spill Bucket Installed: Yes
Striker Plate / Bottom Protector Installed: Yes
Containment Sump: Yes
Construction Type: No Dispensers
Construction Material: Not Reported
Other Construction Material: Not Reported
Sacrificial Anode: No
Impressed Current: No
Isolation: Yes
Monitoring Equipment Serviced: Annually
Other Frequency of Monitoring Equipment Service: Not Reported
Site Plot Plan Submitted: New Plan Submitted
Continuous Electronic Tank Monitoring: Yes
Tank Secondary Containment System: Dry
Electronic Monitor Panel Manufacturer: Veeder Root
Electronic Monitor Panel Model #: TLS-350R
Tank Monitoring - Leak Sensor Manufacturer: Veeder Root
Tank Monitoring - Leak Sensor Model #: 794380-420
Automatic Tank Gauging: No
ATG Panel Manufacturer: Not Reported

ATG Model #: Not Reported
In-Tank Probe Manufacturer: Not Reported
In-tank Probe Model #: Not Reported
Tank Leak Test Frequency: Not Reported
Other Leak Test Frequency: Not Reported
Programmed Tank Tests: Not Reported
Other Programmed Tests: Not Reported
Monthly Statistical Inventory Reconciliation: No
Weekly Manual Tank Gauge: No
Tank Gauging Test Period: Not Reported
Tank Integrity Testing: No
Tank Integrity Testing Frequency: Not Reported
Other Tank Integrity Testing Frequency: Not Reported
Other Monitoring: No
Specify Other Monitoring: Not Reported
Continuous Monitoring of Piping Secondary Containment: Yes
Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Piping Secondary Containment - Leak Sensor Manufacturer: Veeder-Root
Piping Secondary Containment - Leak Sensor Model #: 794380-208
Leak Alarm Triggers Automatic Pump Shutdown: No
Failure/Disconnect Triggers Pump Shutdown: No
Mechanical Line Leak Detector Performs 3 GPH Leak Test: No
MLLD Manufacturer: Not Reported
MLLD Model #: Not Reported
Electronic Line Leak Detector Performs 3 GPH Leak Test: No
ELLD Manufacturer: Not Reported
ELLD Model #: Not Reported
ELLD Programmed In-Line Testing: Not Reported
ELLD Triggers Automatic Pump Shutdown: Not Reported
ELLD Failure/Disconnect Triggers Automatic Shutdown: Not Reported
Pipeline Integrity Testing: No
Pipeline Integrity Testing Frequency: Not Reported
Other Pipeline Integrity Testing Frequency: Not Reported
Visual Pipeline Monitoring: No
Visual Pipeline Monitoring Frequency: Not Reported
Suction Piping Meets Exemption Criteria: No
No Regulated Piping Is Connected To The Tank System: Yes
Other Pipeline Monitoring: No
Other Pipeline Monitoring Description: Not Reported
UDC Monitoring: No Dispensers
Other UDC Monitoring: Not Reported
UDC Panel Manufacturer: Not Reported
UDC Panel Model #: Not Reported
UDC Leak Sensor Manufacturer: Not Reported
UDC Leak Sensor Model #: Not Reported
Detection of Leak into UDC Triggers Audible and Visual Alarms: Not Reported
UDC Leak Alarm Triggers Automatic Pump Shutdown: Not Reported
Fail/Discon UDC Monitor System Triggers Automatic Pump Shutdown: Not Reported

UDC Monitoring Stops Flow of Product at Dispenser: Not Reported
UDC Construction: Not Reported
UDC Secondary Containment Monitoring: Not Reported
Leak Within Sec Cnt of UDC Causes Audible & Visual Alarms: Not Reported
ELD Testing: No
Secondary Containment Testing: Yes
Spill Bucket Testing: Yes
Alarm Logs: Yes
Visual Inspection Records: Yes
Tank Integrity Testing Results: No
SIR Testing Results: No
Tank Gauging Results: No
ATG Testing Results: No
Corrosion Protection Logs: No
Equipment Maintenance and Calibration Records: Yes
Personnel w/ UST Monitor Responsibility Familiar w/ Training Doc: Yes
UST Monitoring Plan: Not Reported
Operating Manuals: Not Reported
CA UST Regulations: Not Reported
CA UST Law: Not Reported
SWRCB Handbook for Tank Owners - Manual and SIR: Not Reported
SWRCB Publication: Understanding Automatic Tank Gauging Systems: Not Reported
Other Training Documents: Not Reported
Other Training Documents Description: Not Reported
Designated Operator Training: Yes
Comments and Additional Information: Not Reported
Name of First Person Having Responsibility: Baskar Subbiah
Title of First Person Having Responsibility: Operator
Name of Second Person Having Responsibility: Nirmal Phunyal
Title of Second Person Having Responsibility: Manager
Signature Representation: Tank Owner/Operator
Date Certified: Not Reported
Signature Date: Not Reported
Applicant Name: Baskar Subbiah
Applicant Title: Operator
Date Submitted to CERS: 4/27/2017 10:33:20 AM
Date Accepted by Regulator: 4/27/2017 11:19:15 AM
Regulator Agent Name: Karl Busche
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

Tank ID #: 31778
Type of Action: Confirmed/Updated Information
Tank Manufacturer: Unknown
Tank Configuration: A Stand-alone Tank
Tank Capacity (In Gallons): 20000
Date UST System Installed: 1/20/2000
Date UST Permanently Closed: Not Reported
Date Existing UST Discovered: Not Reported
Number of Compartments in the Unit: 1

Additional Description: Not Reported
Tank Use: Motor Vehicle Fueling
Specify Other Tank Use: Not Reported
Tank Contents: Regular Unleaded
Specify Other Petroleum: Not Reported
Specify Other Non-Petroleum: Not Reported
Type of Tank: Double Wall
Tank Primary Containment Construction: Fiberglass
Tank Construction - Other Primary Containment Construction: Not Reported
Tank Construction - Tank Secondary Containment Construction: Fiberglass
Tank Construction - Other Secondary Containment Construction: Not Reported
Audible/Visual Alarms: No
Ball Float: No
Fill Tube Shut-Off Valve: Yes
Exempt: No
Piping Construction: Double-walled
Piping System Type: Pressure
Primary Containment Construction: Fiberglass
Other Primary Containment Construction: Not Reported
Secondary Containment Construction: Fiberglass
Other Secondary Containment Construction: Not Reported
Piping/Turbine Containment Sump: Single-walled
Vent Piping Construction - Primary Containment Construction: Fiberglass
Vent Piping Const - Other Primary Containment Construction: Not Reported
Vent Piping Construction - Secondary Containment Construction: None
Vent Piping Const - Other Secondary Containment Construction: Not Reported
Vent Piping Transition Sumps: None
VR Piping Const - Primary Containment Construction: Fiberglass
VR Piping Const - Other Primary Containment Construction: Not Reported
VR Piping Const - Secondary Containment Construction: None
VR Piping Const - Other Secondary Containment Construction: Not Reported
Riser/Fill Piping Const - Primary Containment Const: Steel
Riser/Fill Piping Const - Other Primary Containment Const: Not Reported
Riser/Fill Piping Const - Secondary Containment Const: Fiberglass
Riser/Fill Piping Const - Other Secondary Containment Const: Not Reported
Spill Bucket Installed: Yes
Striker Plate / Bottom Protector Installed: Yes
Containment Sump: Yes
Construction Type: Single-walled
Construction Material: Fiberglass
Other Construction Material: Not Reported
Sacrificial Anode: No
Impressed Current: No
Isolation: Yes
Monitoring Equipment Serviced: Annually
Other Frequency of Monitoring Equipment Service: Not Reported
Site Plot Plan Submitted: New Plan Submitted
Continuous Electronic Tank Monitoring: Yes
Tank Secondary Containment System: Dry
Electronic Monitor Panel Manufacturer: Veeder Root

Electronic Monitor Panel Model #: TLS-350R
Tank Monitoring - Leak Sensor Manufacturer: Veeder Root
Tank Monitoring - Leak Sensor Model #: 794380-407
Automatic Tank Gauging: No
ATG Panel Manufacturer: Not Reported
ATG Model #: Not Reported
In-Tank Probe Manufacturer: Not Reported
In-tank Probe Model #: Not Reported
Tank Leak Test Frequency: Not Reported
Other Leak Test Frequency: Not Reported
Programmed Tank Tests: Not Reported
Other Programmed Tests: Not Reported
Monthly Statistical Inventory Reconciliation: No
Weekly Manual Tank Gauge: No
Tank Gauging Test Period: Not Reported
Tank Integrity Testing: No
Tank Integrity Testing Frequency: Not Reported
Other Tank Integrity Testing Frequency: Not Reported
Other Monitoring: No
Specify Other Monitoring: Not Reported
Continuous Monitoring of Piping Secondary Containment: Yes
Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Piping Secondary Containment - Leak Sensor Manufacturer: Veeder-Root
Piping Secondary Containment - Leak Sensor Model #: 794380-208
Leak Alarm Triggers Automatic Pump Shutdown: Yes
Failure/Disconnect Triggers Pump Shutdown: Yes
Mechanical Line Leak Detector Performs 3 GPH Leak Test: Yes
MLLD Manufacturer: Vaporless Mfg.
MLLD Model #: 99LD2000
Electronic Line Leak Detector Performs 3 GPH Leak Test: No
ELLD Manufacturer: Not Reported
ELLD Model #: Not Reported
ELLD Programmed In-Line Testing: Not Reported
ELLD Triggers Automatic Pump Shutdown: Not Reported
ELLD Failure/Disconnect Triggers Automatic Shutdown: Not Reported
Pipeline Integrity Testing: No
Pipeline Integrity Testing Frequency: Not Reported
Other Pipeline Integrity Testing Frequency: Not Reported
Visual Pipeline Monitoring: No
Visual Pipeline Monitoring Frequency: Not Reported
Suction Piping Meets Exemption Criteria: No
No Regulated Piping Is Connected To The Tank System: No
Other Pipeline Monitoring: No
Other Pipeline Monitoring Description: Not Reported
UDC Monitoring: Continuous
Other UDC Monitoring: Not Reported
UDC Panel Manufacturer: Veeder Root
UDC Panel Model #: TLS-350R

UDC Leak Sensor Manufacturer: Veeder Root
UDC Leak Sensor Model #: 794380-208
Detection of Leak into UDC Triggers Audible and Visual Alarms: Yes
UDC Leak Alarm Triggers Automatic Pump Shutdown: Yes
Fail/Discon UDC Monitor System Triggers Automatic Pump Shutdown: Yes
UDC Monitoring Stops Flow of Product at Dispenser: No
UDC Construction: Single-walled
UDC Secondary Containment Monitoring: Not Reported
Leak Within Sec Cnt of UDC Causes Audible & Visual Alarms: Not Reported
ELD Testing: No
Secondary Containment Testing: Yes
Spill Bucket Testing: Yes
Alarm Logs: Yes
Visual Inspection Records: Yes
Tank Integrity Testing Results: No
SIR Testing Results: No
Tank Gauging Results: No
ATG Testing Results: No
Corrosion Protection Logs: No
Equipment Maintenance and Calibration Records: Yes
Personnel w/ UST Monitor Responsibility Familiar w/ Training Doc: Yes
UST Monitoring Plan: Not Reported
Operating Manuals: Not Reported
CA UST Regulations: Not Reported
CA UST Law: Not Reported
SWRCB Handbook for Tank Owners - Manual and SIR: Not Reported
SWRCB Publication: Understanding Automatic Tank Gauging Systems: Not Reported
Other Training Documents: Not Reported
Other Training Documents Description: Not Reported
Designated Operator Training: Yes
Comments and Additional Information: Not Reported
Name of First Person Having Responsibility: Baskar Subbiah
Title of First Person Having Responsibility: Operator
Name of Second Person Having Responsibility: Nirmal Phunyal
Title of Second Person Having Responsibility: Manager
Signature Representation: Tank Owner/Operator
Date Certified: Not Reported
Signature Date: Not Reported
Applicant Name: Baskar Subbiah
Applicant Title: Operator
Date Submitted to CERS: 4/27/2017 10:33:20 AM
Date Accepted by Regulator: 4/27/2017 11:19:15 AM
Regulator Agent Name: Karl Busche
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

Tank ID #: 33270
Type of Action: Confirmed/Updated Information
Tank Manufacturer: Unknown
Tank Configuration: A Stand-alone Tank

Tank Capacity (In Gallons): 12000
Date UST System Installed: 1/20/2000
Date UST Permanently Closed: Not Reported
Date Existing UST Discovered: Not Reported
Number of Compartments in the Unit: 1
Additional Description: Not Reported
Tank Use: Motor Vehicle Fueling
Specify Other Tank Use: Not Reported
Tank Contents: Premium Unleaded
Specify Other Petroleum: Not Reported
Specify Other Non-Petroleum: Not Reported
Type of Tank: Double Wall
Tank Primary Containment Construction: Fiberglass
Tank Construction - Other Primary Containment Construction: Not Reported
Tank Construction - Tank Secondary Containment Construction: Fiberglass
Tank Construction - Other Secondary Containment Construction: Not Reported
Audible/Visual Alarms: No
Ball Float: No
Fill Tube Shut-Off Valve: Yes
Exempt: No
Piping Construction: Double-walled
Piping System Type: Pressure
Primary Containment Construction: Fiberglass
Other Primary Containment Construction: Not Reported
Secondary Containment Construction: Fiberglass
Other Secondary Containment Construction: Not Reported
Piping/Turbine Containment Sump: Single-walled
Vent Piping Construction - Primary Containment Construction: Fiberglass
Vent Piping Const - Other Primary Containment Construction: Not Reported
Vent Piping Construction - Secondary Containment Construction: None
Vent Piping Const - Other Secondary Containment Construction: Not Reported
Vent Piping Transition Sumps: None
VR Piping Const - Primary Containment Construction: Fiberglass
VR Piping Const - Other Primary Containment Construction: Not Reported
VR Piping Const - Secondary Containment Construction: None
VR Piping Const - Other Secondary Containment Construction: Not Reported
Riser/Fill Piping Const - Primary Containment Const: Steel
Riser/Fill Piping Const - Other Primary Containment Const: Not Reported
Riser/Fill Piping Const - Secondary Containment Const: Fiberglass
Riser/Fill Piping Const - Other Secondary Containment Const: Not Reported
Spill Bucket Installed: Yes
Striker Plate / Bottom Protector Installed: Yes
Containment Sump: Yes
Construction Type: Single-walled
Construction Material: Fiberglass
Other Construction Material: Not Reported
Sacrificial Anode: No
Impressed Current: No
Isolation: Yes
Monitoring Equipment Serviced: Annually

Other Frequency of Monitoring Equipment Service: Not Reported
Site Plot Plan Submitted: New Plan Submitted
Continuous Electronic Tank Monitoring: Yes
Tank Secondary Containment System: Dry
Electronic Monitor Panel Manufacturer: Veeder Root
Electronic Monitor Panel Model #: TLS-350R
Tank Monitoring - Leak Sensor Manufacturer: Veeder Root
Tank Monitoring - Leak Sensor Model #: 794380-407
Automatic Tank Gauging: No
ATG Panel Manufacturer: Not Reported
ATG Model #: Not Reported
In-Tank Probe Manufacturer: Not Reported
In-tank Probe Model #: Not Reported
Tank Leak Test Frequency: Not Reported
Other Leak Test Frequency: Not Reported
Programmed Tank Tests: Not Reported
Other Programmed Tests: Not Reported
Monthly Statistical Inventory Reconciliation: No
Weekly Manual Tank Gauge: No
Tank Gauging Test Period: Not Reported
Tank Integrity Testing: No
Tank Integrity Testing Frequency: Not Reported
Other Tank Integrity Testing Frequency: Not Reported
Other Monitoring: No
Specify Other Monitoring: Not Reported
Continuous Monitoring of Piping Secondary Containment: Yes
Piping Secondary Containment: Dry
Panel Manufacturer: Veeder-Root
Panel Model #: TLS-350R
Piping Secondary Containment - Leak Sensor Manufacturer: Veeder-Root
Piping Secondary Containment - Leak Sensor Model #: 794380-208
Leak Alarm Triggers Automatic Pump Shutdown: Yes
Failure/Disconnect Triggers Pump Shutdown: Yes
Mechanical Line Leak Detector Performs 3 GPH Leak Test: No
MLLD Manufacturer: Not Reported
MLLD Model #: Not Reported
Electronic Line Leak Detector Performs 3 GPH Leak Test: No
ELLD Manufacturer: Not Reported
ELLD Model #: Not Reported
ELLD Programmed In-Line Testing: Not Reported
ELLD Triggers Automatic Pump Shutdown: Not Reported
ELLD Failure/Disconnect Triggers Automatic Shutdown: Not Reported
Pipeline Integrity Testing: No
Pipeline Integrity Testing Frequency: Not Reported
Other Pipeline Integrity Testing Frequency: Not Reported
Visual Pipeline Monitoring: No
Visual Pipeline Monitoring Frequency: Not Reported
Suction Piping Meets Exemption Criteria: No
No Regulated Piping Is Connected To The Tank System: No
Other Pipeline Monitoring: No

Other Pipeline Monitoring Description: Not Reported
UDC Monitoring: Continuous
Other UDC Monitoring: Not Reported
UDC Panel Manufacturer: Veeder Root
UDC Panel Model #: TLS-350R
UDC Leak Sensor Manufacturer: Veeder Root
UDC Leak Sensor Model #: 794380-208
Detection of Leak into UDC Triggers Audible and Visual Alarms: Yes
UDC Leak Alarm Triggers Automatic Pump Shutdown: Yes
Fail/Discon UDC Monitor System Triggers Automatic Pump Shutdown: Yes
UDC Monitoring Stops Flow of Product at Dispenser: No
UDC Construction: Single-walled
UDC Secondary Containment Monitoring: Not Reported
Leak Within Sec Cnt of UDC Causes Audible & Visual Alarms: Not Reported
ELD Testing: No
Secondary Containment Testing: Yes
Spill Bucket Testing: Yes
Alarm Logs: Yes
Visual Inspection Records: Yes
Tank Integrity Testing Results: Yes
SIR Testing Results: No
Tank Gauging Results: No
ATG Testing Results: No
Corrosion Protection Logs: No
Equipment Maintenance and Calibration Records: Yes
Personnel w/ UST Monitor Responsibility Familiar w/ Training Doc: No
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Other Training Documents: Not Reported
Other Training Documents Description: Not Reported
Designated Operator Training: Yes
Comments and Additional Information: Not Reported
Name of First Person Having Responsibility: Baskar Subbiah
Title of First Person Having Responsibility: Operator
Name of Second Person Having Responsibility: Nirmal Phunyal
Title of Second Person Having Responsibility: Manager
Signature Representation: Tank Owner/Operator
Date Certified: Not Reported
Signature Date: Not Reported
Applicant Name: Baskar Subbiah
Applicant Title: Operator
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Regulator Agent Name: Karl Busche
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

AST, HMRRP & UST Violation Information
EPA ID: CAL000424917
RCRA LQG: No
Violation Date: 1/13/2017
Violation Type Number: 1010002
Class: Minor
Scheduled Return to Compliance Date: 3/1/2017
Actual Return to Compliance Date: 5/8/2017
Actual Return to Compliance Qualifier: Documented
Violation Comment: Not Reported
Violation Category: Administration/Documentation
Violation Name: Hazardous Materials Business Plan Submittal
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Citation(s): HSC 6.95 25505, 25508(a)(1)

Violation Date: 4/14/2016
Violation Type Number: 1010008
Class: Minor
Scheduled Return to Compliance Date: 5/9/2016
Actual Return to Compliance Date: 5/23/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: Not Reported
Violation Category: Administration/Documentation
Violation Name: Annual Review / Certification
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Citation(s): HSC 6.95 25508(c), 25508.2

Violation Date: 1/28/2016
Violation Type Number: 1010002
Class: Minor
Scheduled Return to Compliance Date: 2/27/2016
Actual Return to Compliance Date: 5/2/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: LPG exchange cylinder rack needs to be accurately detailed for the quantity stored. Currently listed is 5 gallons and a filled rack is approximately 60 gallons.
Violation Category: Administration/Documentation
Violation Name: Hazardous Materials Business Plan Submittal
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Citation(s): 19 CCR 6.95 25505; HSC 6.95 25508(a)(1), 25508(d)

Violation Date: 1/28/2016
Violation Type Number: 2030002
Class: Minor
Scheduled Return to Compliance Date: 4/29/2016
Actual Return to Compliance Date: 4/29/2016

Actual Return to Compliance Qualifier: Documented
Violation Comment: 16 days overdue from last yearly (365 days) inspection
Violation Category: Operations/Maintenance
Violation Name: Annual Leak Detection Equipment Maintenance
Violation Description: Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Citation(s): 23 CCR 16 2638

Violation Date: 1/28/2016
Violation Type Number: 2030011
Class: Minor
Scheduled Return to Compliance Date: 2/27/2016
Actual Return to Compliance Date: 5/2/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: Not Reported
Violation Category: Operations/Maintenance
Violation Name: Designated Operator - Certificate of Compliance
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Citation(s): 23 CCR 16 2715(a)

Violation Date: 1/28/2016
Violation Type Number: 2030024
Class: Minor
Scheduled Return to Compliance Date: 2/27/2016
Actual Return to Compliance Date: 5/2/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: UST contractor to provide copies/proof of current certifications, UST Compliance Testing.
Violation Category: Operations/Maintenance
Violation Name: Licensing
Violation Description: Failure of service technician, installer, and/ or employee to obtain and maintain proper license.
Violation Citation(s): 23 CCR 16 2715; HSC 6.7 28284.1(a)(5)(D)

Violation Date: 1/28/2016
Violation Type Number: 2030037
Class: Minor
Scheduled Return to Compliance Date: 2/27/2016
Actual Return to Compliance Date: 5/2/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: to be submitted via CERS.
Violation Category: Operations/Maintenance
Violation Name: Agreement Between UST Permit Holder and UST Operator (Owner/Operator Agreement)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Citation(s): 23 CCR 16 2620(b); HSC 6.7 25284(a)(3)

Violation Date: 1/28/2016
Violation Type Number: 2030054
Class: Minor
Scheduled Return to Compliance Date: 2/27/2016
Actual Return to Compliance Date: 4/29/2016
Actual Return to Compliance Qualifier: Documented

Violation Comment: unleaded spill bucket test failure. Repair or replace, retest and submit testing results.
Violation Category: Operations/Maintenance
Violation Name: Spill Bucket (RP)
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Citation(s): 23 CCR 16 2635(b), 2715(c)(2)

Violation Date: 10/17/2013
Violation Type Number: 2030026
Class: Minor
Scheduled Return to Compliance Date: 11/16/2013
Actual Return to Compliance Date: 10/28/2013
Actual Return to Compliance Qualifier: Documented
Violation Comment: 87 Tank LLD failed. The current LLD is no longer made or supported. Requires replacement.
Violation Category: Operations/Maintenance
Violation Name: Line Leak Detector - Double Wall and Single Wall Emergency Generator Piping (RD)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Citation(s): 23 CCR 16 2636(f)(2), 2666(c)

AST, HMRRP & UST Inspection Information
EPA ID: CAL000424917
RCRA LQG: No
Inspection Date: 1/13/2017
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 5/8/2017
Days Out of Compliance: 115
Violation Details Available: Yes
Inspection Comments: Routine Hazardous Materials Business Plan, Hazardous Waste, Underground Storage Tanks, and Stormwater Facility Compliance inspection. UST Compliance Testing was the certified UST contractor present for the annual monitoring system certification. It was noted that "snap tabs" were installed on the dispensers for LLD testing purposes and left on. The manufacture does not recommend leaving the in place and was told to remove, they complied and removed. The HMBP was not accurately reported as having HW, used motor oil tank, ust is on site. Several minor violations noted. All sensors, LLD's, ESO, power out, sensor out testing functioned as required.

Inspection Date: 1/13/2017
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 171
Violation Details Available: No
Inspection Comments: Routine Hazardous Materials Business Plan, Hazardous Waste, Underground Storage Tanks, and Stormwater Facility Compliance inspection. UST Compliance Testing was the certified UST contractor present for the annual

monitoring system certification. It was noted that "snap tabs" were installed on the dispensers for LLD testing purposes and left on. The manufacture does not recommend leaving the in place and was told to remove, they complied and removed. The HMBP was not accurately reported as having HW, used motor oil tank, ust is on site. Several minor violations noted. All sensors, LLD's, ESO, power out, sensor out testing functioned as required.

Inspection Date: 4/14/2016
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: Not Reported
Date Returned to Compliance: 5/23/2016
Days Out of Compliance: 39
Violation Details Available: Yes
Inspection Comments: Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (PM)

Inspection Date: 1/28/2016
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 5/2/2016
Days Out of Compliance: 95
Violation Details Available: Yes
Inspection Comments: Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed on 1/12/2015. See inspection report for violations noted.

Inspection Date: 1/28/2016
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 5
Significant Operational Compliance: With only Release Detection
Date Returned to Compliance: 5/2/2016
Days Out of Compliance: 95
Violation Details Available: Yes
Inspection Comments: Routine inspection, Contractor was new; UST Compliance Testing. Used motor oil tank currently not being used but is monitored electronically.

Inspection Date: 4/20/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 805
Violation Details Available: No

Inspection Comments: HMBP only inspection, no violations noted. Due to portal issues RP has not been able to enter UST data- in process for correction- 4/20/2015

Inspection Date: 1/12/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 903
Violation Details Available: No
Inspection Comments: Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed in November by the Receivership. New operator took over and an UST certification was required prior to start up of operations. The station was not operating for approximately 10+ months. UST contractor was Nik Zagorov Lic #958763. All UST monitoring sensors passed and station was allowed to open.

Inspection Date: 1/12/2015
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 903
Violation Details Available: No
Inspection Comments: inspection was to witness monitoring system certification. With some difficulty contractor Nic, was able for certify the monitoring system a fully functional. There will be a new operator of the station and they contracted for the certification. They were also instructed, prior to opening of station to submit appropriate paperwork/documentation before the UST permit would be authorized.

Inspection Date: 1/12/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 903
Violation Details Available: No
Inspection Comments: Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed in November by the Receivership. New operator took over and an UST certification was required prior to start up of operations. The station was not operating for approximately 10+ months. UST contractor was Nik Zagorov Lic #958763. All UST monitoring sensors passed and station was allowed to open.

Inspection Date: 11/5/2014
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0

Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 971
Violation Details Available: No
Inspection Comments: station not in operation, Trustee in charge of station states the property will be sold within a short time frame. Monitoring certification completed with the exception of the LLD test & test for turbine shut down- was not able to power up pump. Operation testing must be performed prior to any fuel pumping operations. Power was shut down at breaker to prevent any fuel from being pumped.

Inspection Date: 5/20/2014
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 1140
Violation Details Available: No
Inspection Comments: last week received notice that this site was under "receivership" by the court of Alameda County. I met the court appointed receiver Mr. Gerard Keena at the site, he is responsible for the site remaining under compliance. An inspection report was completed detailing that updated HMBP, and various UST documents needed to be completed and submitted within 15 days (of 5/20/2014).

Inspection Date: 10/17/2013
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 1355
Violation Details Available: No
Inspection Comments: no violations noted, training records available at the time of inspection.

Inspection Date: 10/17/2013
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With only Release Prevention
Date Returned to Compliance: 10/28/2013
Days Out of Compliance: 11
Violation Details Available: Yes
Inspection Comments: Routine annual inspection. One of the LLD's failed, (87). The LLD a Red Jacket CPT system is no longer being made or supported for part replacement. There are two of these LLD's present at station. At a minimum the one non-functioning one must be replaced with a traditional LLD that is installed on the submersible. The owner mentioned that both of LLD's would be replaced/updated at the same time. The contractor on site and may do the replacement is Eco-Chek, Nik Zagorov. All other functional tests of monitoring system passed.

AST, HMRRP & UST Enforcement Information
Type of Enforcement Action: Notice of Violation (NOV) Only
Date of Enforcement Action: 1/28/2016
Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported
Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0
Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 1
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: Not Reported

Date of Enforcement Action: 10/17/2013
Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported
Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0
Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 1
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
Baskaran Subbiah			1,2,3,4	10195858-BC
ADDRESS			**CITY**	**ZIP**
3000 Shattuck AVE			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10195858
Owner Name: Berkeley Gas & Smog
Owner Address: 3000 Shattuck Avenue
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
Baskaran Subbiah	1,2,3,4	10195858-ALA-BK

ADDRESS	CITY	ZIP
3000 Shattuck AVE	Berkeley	

DETAILS

County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Facility ID: 10195858
Owner Name: Berkeley Gas & Smog
Owner Address: 3000 Shattuck Avenue
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 Shattuck Ave

Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
U.S. Smog and Gas	1,2,3,4	226362

ADDRESS	CITY	ZIP
3000 SHATTUCK AVENUE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 226362
Site EI ID: T10000004483
Agency Provided Latitude: 37.85501
Agency Provided Longitude: -122.266767

Program Description: Cleanup Program Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID

Berkeley Gas & Smog	1,2,3,4	79434
ADDRESS	**CITY**	**ZIP**
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 79434
Site EI ID: 10195858
Agency Provided Latitude: 37.855011
Agency Provided Longitude: -122.266769

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Program Description: Underground Storage Tank

Evaluation Information
Evaluation Date: 1/11/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Hazardous waste epa ID# currently active.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 1/11/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/13/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine Hazardous Materials Business Plan, Hazardous Waste, Underground Storage Tanks, and Stormwater Facility Compliance inspection. UST Compliance Testing was the certified UST contractor present for the annual monitoring system certification. It was noted that "snap tabs" were installed on the dispensers for LLD testing purposes and left on. The manufacture does not recommend leaving the in place and was told to remove, they complied and removed. The HMBP was not accurately reported as having HW, used motor oil tank, ust is on site. Several minor violations noted. All sensors, LLD's, ESO, power out, sensor out testing functioned as required.

Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/13/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine Hazardous Materials Business Plan, Hazardous Waste, Underground Storage Tanks, and Stormwater Facility Compliance inspection. UST Compliance Testing was the certified UST contractor present for the annual monitoring system certification. It was noted that "snap tabs" were installed on the dispensers for LLD testing purposes and left on. The manufacture does not recommend leaving the in place and was told to remove, they complied and removed. The HMBP was not accurately reported as having HW, used motor oil tank, ust is on site. Several minor violations noted. All sensors, LLD's, ESO, power out, sensor out testing functioned as required.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 4/14/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (PM)
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/28/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine inspection, Contractor was new; UST Compliance Testing. Used motor oil tank currently not being used but is monitored electronically.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/28/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed on 1/12/2015. See inspection report for violations noted.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 4/20/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection

Evaluation Type: Routine done by local agency
Evaluation Note(s): HMBP only inspection, no violations noted. Due to portal issues RP has not been able to enter UST data- in process for correction- 4/20/2015
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed in November by the Receivership. New operator took over and an UST certification was required prior to start up of operations. The station was not operating for approximately 10+ months. UST contractor was Nik Zagorov Lic #958763. All UST monitoring sensors passed and station was allowed to open.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed in November by the Receivership. New operator took over and an UST certification was required prior to start up of operations. The station was not operating for approximately 10+ months. UST contractor was Nik Zagorov Lic #958763. All UST monitoring sensors passed and station was allowed to open.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): inspection was to witness monitoring system certification. With some difficulty contractor Nic, was able for certify the monitoring system a fully functional. There will be a new operator of the station and they contracted for the certification. They were also instructed, prior to opening of station to submit appropriate paperwork/documentation before the UST permit would be authorized.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 11/5/2014
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): station not in operation, Trustee in charge of station states the property will be sold within a short time frame. Monitoring certification completed with the exception of the LLD test & test for turbine shut down- was not able to power up pump. Operation testing must be performed prior to any fuel pumping operations. Power was shut down at breaker to

prevent any fuel from being pumped.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 11/5/2014
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): as of 11/5/2014 site is under new trustee and is not operating as a gas station, i.e. no work being performed. Contact Anthony R. Calascibetta, NY #732-
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 5/20/2014
Violations Found? (Y/N): No
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): last week received notice that this site was under "receivership" by the court of Alameda County. I met the court appointed receiver Mr. Gerard Keena at the site, he is responsible for the site remaining under compliance. An inspection report was completed detailing that updated HMBP, and various UST documents needed to be completed and submitted within 15 days (of 5/20/2014).
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 10/17/2013
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): No HW violations noted.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 10/17/2013
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection. One of the LLD's failed, (87). The LLD a Red Jacket CPT system is no longer being made or supported for part replacement. There are two of these LLD's present at station. At a minimum the one non-functioning one must be replaced with a traditional LLD that is installed on the submersible. The owner mentioned that both of LLD's would be replaced/updated at the same time. The contractor on site and may do the replacement is Eco-Chek, Nik Zagorov. All other functional tests of monitoring system passed.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 10/17/2013

Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): no violations noted, training records available at the time of inspection.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Violation Information
Violation Date: 1/11/2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Note(s): Returned to compliance on 03/26/2018. needs to upload current CFO and financial responsibility letter to CERS, out of date.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/13/2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Note(s): Returned to compliance on 05/08/2017.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 4/14/2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Note(s): Returned to compliance on 05/23/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 1/28/2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.

Violation Note(s): Returned to compliance on 05/02/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016

Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description: Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Note(s): Returned to compliance on 04/29/2016. 16 days overdue from last yearly (365 days) inspection
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Note(s): Returned to compliance on 05/02/2016. LPG exchange cylinder rack needs to be accurately detailed for the quantity stored. Currently listed is 5 gallons and a filled rack is approximately 60 gallons.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 1/28/2016
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Note(s): Returned to compliance on 04/29/2016. unleaded spill bucket test failure. Repair or replace, retest and submit testing results.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Note(s): Returned to compliance on 05/02/2016. to be submitted via CERS.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016
Citation: HSC 6.7 28284.1(a)(5)(D) - California Health and Safety Code, Chapter 6.7, Section(s) 28284.1(a)(5)(D)
Violation Description: Failure of service technician, installer, and/ or employee to obtain and maintain proper license.

Violation Note(s): Returned to compliance on 05/02/2016. UST contractor to provide copies/proof of current certifications, UST Compliance Testing.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 11/5/2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for

the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Note(s): Returned to compliance on 12/05/2014. used motor oil in UST, and oil filters need to be disposed of, and labeled properly.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 11/5/2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Note(s): Returned to compliance on 12/05/2014.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 10/17/2013
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Note(s): Returned to compliance on 10/28/2013. 87 Tank LLD failed. The current LLD is no longer made or supported. Requires replacement.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Enforcement Information
Enforcement Action Date: 1/28/2016
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HMRRP
Enforcement Action Source: CERS

Enforcement Action Date: 11/5/2014
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HW
Enforcement Action Source: CERS

Enforcement Action Date: 10/17/2013
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: UST
Enforcement Action Source: CERS

Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10195858
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.855010
Agency Provided Longitude: -122.266770

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
ARCO # 00414	1,2,3,4	227246

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94702

DETAILS

Site Regulated Program Information
Site ID: 227246
Site EI ID: T0600100094
Agency Provided Latitude: 37.855178
Agency Provided Longitude: -122.266687

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
U.S. Smog and Gas	1,2,3,4	T10000004483

ADDRESS	CITY	ZIP
3000 Shattuck Avenue	Berkeley	94705

DETAILS

Global ID: T10000004483
County: Alameda
Site History: A new release of mineral oil was detected as part of the UST case at this property. The mineral oil is suspected to be a separate release related to the hydraulic lifts on the property. This release was granted no further action by the Regional Water Board on 09/03/2014.
Case Type: Cleanup Program Site
Status: Completed - Case Closed
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01S0746
Loc Case Number: 13-3000SHA
File Location: Not Reported
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered: Subsurface Monitoring
How Discovered Description: During groundwater monitoring, oil film developed.
Stop Method: Other Means
Stop Method Description: Lift repaired
Action Date: 2014-09-03
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2013-07-29
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2013-07-11
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2013-06-12
Action Type: ENFORCEMENT

Action: Referral to Regional Board

Action Date: 2012-12-12
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2010-03-29
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2006-06-27
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2006-01-23
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2006-01-05
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2005-12-12
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2005-11-17
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2005-01-03
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2004-01-09
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2003-12-16
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2003-07-25
Action Type: ENFORCEMENT
Action: Staff Letter

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

ENF-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
ARCO # 00414	1,2,3,4	T0600100094

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94702

DETAILS

Global ID: T0600100094
County: Alameda
Site History: Not Reported
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0102
Loc Case Number: 27540
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Close and Replace Tank
Stop Method Description: Tank system replacement, excavation.
Action Date: 2013-02-14
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2012-12-13
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Action Date: 2010-12-29
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2009-03-12
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2006-06-06
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2006-04-29
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2003-05-01
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2002-12-31
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2002-12-24
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2002-07-02
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2002-04-25
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2001-07-09
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2001-02-16
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-08-27
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-04-29
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-02-02
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1994-08-12
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-03-19
Action Type: ENFORCEMENT

Action: Technical Correspondence / Assistance / Other

Action Date: 1993-12-13
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1993-10-21
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-08-06
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1,2,3,4	110065829946
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

DETAILS

FRS Facility Detail Report URL:
http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065829946
Create Date: 13-OCT-2015 15:20:31
Update Date: 14-OCT-2015 11:26:46
Program System: CA-ENVIROVIEW
Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1,2,3,4	110066138405
ADDRESS			**CITY**	**ZIP**

3000 SHATTUCK AVE	BERKELEY	94702

DETAILS

FRS Facility Detail Report URL:
http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066138405
Create Date: 14-OCT-2015 10:05:14
Program System: CA-ENVIROVIEW
Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
US SMOG & GAS	1,2,3,4	123655624-BC

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: INACTIVE
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HAZ WASTE GENERATOR
Status: INACTIVE

Program/Element: HMBP
Status: INACTIVE

Program/Element: UST FACILITY
Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID

U.S. Smog and Gas	1,2,3,4	36548764-T10000004483
ADDRESS	**CITY**	**ZIP**
3000 Shattuck Avenue	Berkeley	947054
DETAILS		
No Additional Details Found		

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	**1**
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1,2,3,4	55-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	
DETAILS				
Original Database: City-UST-CA Last Agency Status: Listed Archive Date: 05/15/16 No Longer Listed-Note: This is an ERS assigned ID County: Alameda Source of List: Berkeley City Responsible Agency: City of Berkeley, Toxics Management Division Program/Element: UST FACILITY Status: INACTIVE				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	**1**
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1,2,3,4	98896-ALA-BK
ADDRESS			**CITY**	**ZIP**

3000 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
US SMOG & GAS	1,2,3,4	72CDA684-1346-BC

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	Berkeley	

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
ARCO #0414	1,2,3,4	T0600100094

ADDRESS	CITY	ZIP
3000 SHATTUCK AVENUE & ASHBY	BERKELEY	94702

DETAILS

Original Database: UST-Priority-CA

Last Agency Status: Listed
Archive Date: 05/28/21
No Longer Listed-Facility Information
Global ID: T0600100094
Claim Number: 11238
SITE STATUS: Completed - Case Closed
County: Alameda
Priority: D
Rank: 508
Report Date: 4/15/1988
Discovered Date: 4/15/1988
Claimant: BP PRODUCTS NORTH AMERICA, INC., ASSIGNEE
Lead Agency: BERKELEY, CITY OF
Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2)

GIS Information
Agency Provided Longitude: -122.266687452793
Agency Provided Latitude: 37.8551776386414

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
Berkeley Gas & Smog	1,2,3,4	FA0001005-ALA-BK

ADDRESS	CITY	ZIP
3000 Shattuck AVE	Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 03/22/19
No Longer Listed-County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Facility ID: FA0001005
CERS ID: 10195858
Owner Name: Baskaran Subbiah
Owner Address: 3000 Shattuck Avenue
Owner City: Berkeley

Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: UST FACILITY
Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1,2,3,4	9D43DDF8-T0600100094
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BP WEST COAST PRODUCTS LLC 0414			1,2,3,4	CAL000226019
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	947050000
DETAILS				

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAL000226019
Facility County: 01
Mailing Street: PO BOX 6038
Mailing City: ARTESIA

Mailing State: CA
Mailing Zip: 907026038
Contact Name: JACK OMAN
Contact Phone: 7146705402

Year: 2004
TONS: 0.357
TSD EPA ID: CAT080013352
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: RECYCLER

Year: 2003
TONS: 0.21
TSD EPA ID: CAT080013352
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: RECYCLER

Year: 2002
TONS: 2.1
TSD EPA ID: CAT080013352
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: RECYCLER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
BERKELEY GAS & SMOG	1,2,3,4	123654962-BC

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE, CUPA
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: ACTIVE, CUPA

Program/Element: UST FACILITY
Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
BANKRUPTCY ESTATE OF SHAHZADA KHAN	1,2,3,4	CAC002792868

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAC002792868
Facility County: 01
Mailing Street: 1 MARKET, LANDMARK, STE 620
Mailing City: SAN FRANCISCO
Mailing State: CA
Mailing Zip: 94105
Contact Name: ANTHONY R CALASCIBETTA, TRUSTEE
Contact Phone: 7326858899

Year: 2014
TONS: 0.136
TSD EPA ID: CAT080013352
Category Code: 343
Category Description: Unspecified organic liquid mixture
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID

US SMOG & GAS	1,2,3,4	72CDA684-1347-BC
ADDRESS	**CITY**	**ZIP**
3000 SHATTUCK AVE	Berkeley	

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	**1**
SITE NAME			**MAPS**	**ID**
ARCO PRODUCTS COMPANY			1,2,3,4	CAL000023651
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	947050000

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAL000023651
Facility County: 1
Mailing Street: PO BOX 6038
Mailing City: ARTESIA
Mailing State: CA
Mailing Zip: 907026038
Contact Name: ATLANTIC RICHFIELD COMPANY
Contact Phone: 2134860494

Year: 2001
TONS: 1.45
TSD EPA ID: CAT080013352
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: RECYCLER

Year: 2000
TONS: 6
TSD EPA ID: CAT080033681
Category Code: 512
Category Description: Other empty containers 30 gallons or more
Method Description: RECYCLER

Year: 2000
TONS: 1.66
TSD EPA ID: CAT080013352
Category Code: 241
Category Description: Tank bottom waste
Method Description: RECYCLER

Year: 2000
TONS: 3
TSD EPA ID: CAT080033681
Category Code: 512
Category Description: Other empty containers 30 gallons or more
Method Description: LANDFILL

Year: 2000
TONS: 1
TSD EPA ID: CAD009466392
Category Code: 512
Category Description: Other empty containers 30 gallons or more
Method Description: RECYCLER

Year: 2000
TONS: 3
TSD EPA ID: CAT080033681
Category Code: 512
Category Description: Other empty containers 30 gallons or more
Method Description: DISPOSAL, LAND FILL

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1,2,3,4	FA0000012-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 03/22/19
No Longer Listed-County: Alameda

Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Facility ID: FA0000012
CERS ID: Not Reported
Owner Name: SHAZADA KHAN
Owner Address: 3000 SHATTUCK AVENUE
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 SHATTUCK AVENUE
Mailing City/State/Zip: BERKELEY, CA 94705
Program/Element: UST FACILITY
Billing Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
KHAN'S ARCO SMOG PROS	1,2,3,4	CAL000136028

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	947050000

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAL000136028
Facility County: 1
Mailing Street: 3000 SHATTUCK AVE
Mailing City: BERKELEY
Mailing State: CA
Mailing Zip: 947050000
Contact Name: SHAZADA KHAN
Contact Phone: 5108143414

Year: 1997
TONS: 0.125
TSD EPA ID: CAD009466392
Category Code: 512
Category Description: Other empty containers 30 gallons or more
Method Description: RECYCLER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1,2,3,4	98897-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO - ANAND'S STATION #41			1,2,3,4	A0FF0C01-4617
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
ARCO # 00414	1,2,3,4	T0600100094
ADDRESS	**CITY**	**ZIP**
3000 SHATTUCK AVE	BERKELEY	94702

DETAILS

Original Database: SLIC-Closed-CA
Last Agency Status: Completed - Case Closed
Archive Date: 12/17/21
No Longer Listed-Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100094
Global ID: T0600100094
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2/14/2013
CUF Case: YES
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0102
Loc Case Number: 27540
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 4/15/1988
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Close and Replace Tank
Stop Method Description: Tank system replacement, excavation.
Agency Provided Latitude: 37.855177639
Agency Provided Longitude: -122.26668745

Regulatory Activities Details
Action Date: 1986-09-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1986-09-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1988-02-22 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1988-03-22 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1988-04-15 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1988-04-15 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1988-04-15 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1989-04-11 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-05-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-07-06 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-11-07 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-01 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1990-01-01 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-05 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-29 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-08-22 00:00:00
Action Type: RESPONSE

Action: Other Report / Document

Action Date: 1990-10-20 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1990-11-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-08-20 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-08-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-08-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-10-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-11-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-12-13 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-06-04 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-08-06 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 1992-08-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-09-23 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-11-03 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-11-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-12-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-05-27 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-10-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-10-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-10-21 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1993-11-05 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-11-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-11-12 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-11-17 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-12-13 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-03-10 00:00:00
Action Type: RESPONSE

Action: Other Report / Document

Action Date: 1994-03-19 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-03-28 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-05-13 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-08-04 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-08-10 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-08-12 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-08-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-10-03 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1995-03-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-05-24 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1995-09-26 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1996-05-28 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-08-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-10-01 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-12-30 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1998-01-19 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 1998-02-02 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-03-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1998-04-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-08-27 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-12-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-03-08 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-07-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-11-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-03-06 00:00:00
Action Type: RESPONSE

Action: Monitoring Report - Quarterly

Action Date: 2000-04-05 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2000-04-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-04-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-08-04 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-08-14 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-08-14 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-08-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-08-23 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-10-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-12-12 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 2001-02-16 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2001-02-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-04-25 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-07-09 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2001-07-23 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-10-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-11-27 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2002-02-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-03-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-04-25 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2002-05-30 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2002-06-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2002-06-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2002-07-02 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2002-10-21 00:00:00
Action Type: RESPONSE

Action: Monitoring Report - Quarterly

Action Date: 2002-12-24 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2002-12-31 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2003-01-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-02-19 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-04-04 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-04-25 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-05-01 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2003-05-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-05-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-09-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-09-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2003-11-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-11-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-12-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-05 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-10 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-06-23 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-09-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-12-03 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2006-02-13 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2006-04-29 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2006-06-06 00:00:00
Action Type: ENFORCEMENT

Action: Technical Correspondence / Assistance / Other

Action Date: 2006-08-25 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2009-03-12 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2010-12-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2012-12-13 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Action Date: 2013-02-14 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2013-02-14 00:00:00
Status: Completed - Case Closed

Status Date: 1995-01-01 00:00:00
Status: Open - Eligible for Closure

Status Date: 1995-01-01 00:00:00
Status: Open - Verification Monitoring

Status Date: 1993-03-19 00:00:00
Status: Open - Remediation

Status Date: 1992-08-12 00:00:00
Status: Open - Site Assessment

Status Date: 1992-07-13 00:00:00
Status: Open - Site Assessment

Status Date: 1991-11-18 00:00:00
Status: Open - Site Assessment

Status Date: 1991-08-20 00:00:00
Status: Open - Site Assessment

Status Date: 1988-04-15 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
MTBE Date: 4/30/2002
GW CONC (PPB): 1800
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1,2,3,4	90171-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 08/11/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City

Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1,2,3,4	99694-BC
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Inactive
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: UST FACILITY
Status: Inactive

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U.S. Smog and Gas			1,2,3,4	4C551C90-T10000004483
ADDRESS			**CITY**	**ZIP**
3000 Shattuck Avenue			Berkeley	947054

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
KHAN'S ARCO SMOG PROS	1,2,3,4	BBF69942-CAL000136028

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
BERKELEY GAS & SMOG	1,2,3,4	99694-ALA-BK

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: Inactive

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than	1

			site)	
SITE NAME			**MAPS**	**ID**
Berkeley Gas & Smog			1,2,3,4	FA0001005-BC
ADDRESS			**CITY**	**ZIP**
3000 Shattuck AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE
Archive Date: 03/22/19
No Longer Listed-Responsible Agency: City of Berkeley
Facility ID: FA0001005
CERS ID: 10195858
Owner Name: Baskaran Subbiah
Owner Address: 3000 Shattuck Avenue
Owner City: Berkeley
Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: HAZ WASTE GENERATOR
Billing Status: ACTIVE

Program/Element: HMBP
Billing Status: ACTIVE

Program/Element: STORMWATER
Billing Status: ACTIVE

Program/Element: UST FACILITY
Billing Status: ACTIVE

DATABASE	**STATUS**	**DISTANCE**	**ELEVATION**	**MAP ID**
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	**1**
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1,2,3,4	100312-BC
ADDRESS			**CITY**	**ZIP**

3000 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Inactive
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: Inactive

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
BERKELEY GAS & SMOG	1,2,3,4	98896-BC

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: UST FACILITY
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
ARCO - ANAND'S STATION #41	1,2,3,4	553493

ADDRESS	CITY	ZIP

3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

Original Database: UST-CA
Last Agency Status: Listed
Archive Date: 03/27/17
No Longer Listed-More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp
Global ID: 17
COUNTY: Alameda
Permitting Agency: BERKELEY, CITY OF
Agency Provided Latitude: 37.8563391
Agency Provided Longitude: -122.2654173
PROJECT TYPE: Not Reported
RB Case Number: Not Reported
LOC Case Number: Not Reported
Case Worker: Not Reported
MTBE DATE: Not Reported
GW CONC (PPB): Not Reported
MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1,2,3,4	90838-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 08/11/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
US SMOG & GAS	1,2,3,4	72CDA684-1348-BC

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	Berkeley	

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
US SMOG & GAS	1,2,3,4	FA0000012-BC

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: INACTIVE
Archive Date: 03/22/19
No Longer Listed-Responsible Agency: City of Berkeley
Facility ID: FA0000012
CERS ID: Not Reported
Owner Name: SHAZADA KHAN
Owner Address: 3000 SHATTUCK AVENUE
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 3000 SHATTUCK AVENUE
Mailing City/State/Zip: BERKELEY, CA 94705
Program/Element: HAZ WASTE GENERATOR
Billing Status: INACTIVE

Program/Element: HMBP

Billing Status: INACTIVE

Program/Element: UST FACILITY
Billing Status: INACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
US SMOG & GAS			1,2,3,4	1355-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 07/15/15
No Longer Listed-County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
BERKELEY GAS & SMOG			1,2,3,4	8-ALA-BK
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA

Last Agency Status: Listed
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
KULTARAN ANAND&GOBIND SMOG 414			1,2,3,4	7814635
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-City-UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO - ANAND'S STATION #41			1,2,3,4	929802
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	
DETAILS				
Reported Date: 1998 List: City of Berkeley UST List Agency: City of Berkeley				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-LUSTIS-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO			1,2,3,4	929802
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1,2,3,4	8034-R2
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702
DETAILS				
Region: 2 - San Francisco County: Alameda Ground Water Detection Limit: 8400 Soil Detection Limit: Not Reported MTBE Cnts: 3 MTBE Fuel: 0 Status: 8 MTBE Tested: YES				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO			1,2,3,4	929802

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94702

DETAILS

Reported Date: 1998
List: Region #2-San Francisco Bay Fuel Leaks List
Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
ANANDS ARCO & MINI MART	1,2,3,4	3236-PD

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705-1821

DETAILS

Listing Year: 1997
SIC Category: SERVICE STATIONS-GASOLINE & OIL
SIC Code: 554101

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
Anand's Arco & Mini Market	1,2,3,4	26514

ADDRESS	CITY	ZIP
3000 Shattuck Ave	Berkeley	94705

DETAILS

Sic Code: 5541
Desc: Service Stations/Vehicle Fueling
Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO - ANAND'S STATION #41			1,2,3,4	200528
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVENUE			BERKELEY	94710

DETAILS

AS OF DATE: 7/18/2001
SITE TYPE: RETAIL
TANK TYPE: UST
COUNTY: ALAMEDA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
U S SMOG & GAS			1,2,3,4	113479
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			Berkeley	94705

DETAILS

Sic Code: 5541
Desc: Service Stations/Vehicle Fueling
Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**

SMOG PROS	1,2,3,4	52305-PD
ADDRESS	**CITY**	**ZIP**
3000 SHATTUCK AVE	BERKELEY	94705-1821

DETAILS

Listing Year: 1997
SIC Category: SERVICE STATIONS-GASOLINE & OIL
SIC Code: 554101

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
NONE			1,2,3,4	252190
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94705

DETAILS

Note: ID has been assigned by ERS
Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035D23.pdf

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	Subject Site	144 ft (0 ft higher than site)	1
SITE NAME			**MAPS**	**ID**
ARCO # 00414			1,2,3,4	T0600100094
ADDRESS			**CITY**	**ZIP**
3000 SHATTUCK AVE			BERKELEY	94702

DETAILS

Sites Details

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100094
Global ID: T0600100094
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2/14/2013
CUF Case: YES
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0102
Loc Case Number: 27540
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 4/15/1988
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Close and Replace Tank
Stop Method Description: Tank system replacement, excavation.
Agency Provided Latitude: 37.855177639
Agency Provided Longitude: -122.26668745

Regulatory Activities Details
Action Date: 1986-09-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1986-09-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1988-02-22 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1988-03-22 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1988-04-15 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1988-04-15 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1988-04-15 00:00:00
Action Type: Other

Action: Leak Stopped

Action Date: 1989-04-11 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-05-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-07-06 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-11-07 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-01 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1990-01-01 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-05 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-29 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-08-22 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-10-20 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1990-11-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-08-20 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-08-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-08-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-10-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-11-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-12-13 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-06-04 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-08-06 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 1992-08-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-09-23 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-11-03 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-11-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-12-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-05-27 00:00:00
Action Type: RESPONSE

Action: Other Report / Document

Action Date: 1993-10-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-10-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-10-21 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1993-11-05 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-11-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-11-12 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-11-17 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-12-13 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-03-10 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-03-19 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-03-28 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-05-13 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-08-04 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-08-10 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-08-12 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-08-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-10-03 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1995-03-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-05-24 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1995-09-26 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1996-05-28 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-08-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-10-01 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-12-30 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1998-01-19 00:00:00
Action Type: RESPONSE

Action: Other Workplan

Action Date: 1998-02-02 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-03-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1998-04-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-08-27 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1998-12-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-03-08 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-07-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-11-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-03-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-04-05 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2000-04-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-04-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-08-04 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-08-14 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-08-14 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-08-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-08-23 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2000-10-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-12-12 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 2001-02-16 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2001-02-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-04-25 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-07-09 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2001-07-23 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-10-17 00:00:00
Action Type: RESPONSE

Action: Monitoring Report - Quarterly

Action Date: 2001-11-27 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2002-02-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-03-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-04-25 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2002-05-30 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2002-06-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2002-06-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2002-07-02 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2002-10-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-12-24 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2002-12-31 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2003-01-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-02-19 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-04-04 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-04-25 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-05-01 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2003-05-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-05-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-09-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-09-17 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2003-11-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-11-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-12-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-05 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-08 00:00:00
Action Type: RESPONSE

Action: Other Report / Document

Action Date: 2004-03-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-10 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-03-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-06-23 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-09-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-12-03 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2006-02-13 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2006-04-29 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2006-06-06 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2006-08-25 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2009-03-12 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2010-12-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2012-12-13 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Action Date: 2013-02-14 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2013-02-14 00:00:00
Status: Completed - Case Closed

Status Date: 1995-01-01 00:00:00
Status: Open - Eligible for Closure

Status Date: 1995-01-01 00:00:00
Status: Open - Verification Monitoring

Status Date: 1993-03-19 00:00:00
Status: Open - Remediation

Status Date: 1992-08-12 00:00:00
Status: Open - Site Assessment

Status Date: 1992-07-13 00:00:00
Status: Open - Site Assessment

Status Date: 1991-11-18 00:00:00
Status: Open - Site Assessment

Status Date: 1991-08-20 00:00:00
Status: Open - Site Assessment

Status Date: 1988-04-15 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
MTBE Date: 4/30/2002
GW CONC (PPB): 1800
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Closed-CA	Completed - Case Closed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
U.S. Smog and Gas	1,2,3,4	T10000004483

ADDRESS	CITY	ZIP
3000 Shattuck Avenue	Berkeley	94705

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004483
Global ID: T10000004483
Case Type: Cleanup Program Site
Status: Completed - Case Closed
Status Date: 9/3/2014
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01S0746
Loc Case Number: 13-3000SHA
File Location: Not Reported
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 10/27/1993
How Discovered: Subsurface Monitoring
How Discovered Description: During groundwater monitoring, oil film developed.
Stop Method: Other Means
Stop Method Description: Lift repaired

Agency Provided Latitude: 37.85501
Agency Provided Longitude: -122.266767

Regulatory Activities Details
Action Date: 1993-10-27 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 2003-07-25 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2003-12-16 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2004-01-09 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2005-01-03 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2005-10-20 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2005-11-17 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2005-12-12 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2006-01-05 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2006-01-23 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2006-06-27 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2007-11-15 00:00:00

Action Type: Other
Action: Leak Discovery

Action Date: 2008-10-01 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2009-03-23 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2009-10-06 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2010-03-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2010-04-20 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2010-04-20 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2012-12-12 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2013-02-15 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2013-02-15 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2013-06-12 00:00:00
Action Type: ENFORCEMENT
Action: Referral to Regional Board

Action Date: 2013-07-11 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2013-07-29 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2014-07-09 00:00:00
Action Type: RESPONSE
Action: Request for Closure

Action Date: 2014-09-03 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2014-09-03 00:00:00
Status: Completed - Case Closed

Status Date: 2014-08-04 00:00:00
Status: Open - Eligible for Closure

Status Date: 2014-03-19 00:00:00
Status: Open - Inactive

Status Date: 2012-12-12 00:00:00
Status: Open - Inactive

Status Date: 2012-12-12 00:00:00
Status: Open - Site Assessment

Status Date: 1993-10-27 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
Berkeley Gas & Smog	1,2,3,4	256137

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp
CERSID: 10195858
Global ID: Not Reported
COUNTY: Alameda
Permitting Agency: Berkeley City Toxics Management Division
Agency Provided Latitude: 37.85501
Agency Provided Longitude: -122.26677
PROJECT TYPE: Not Reported
RB Case Number: Not Reported
LOC Case Number: Not Reported
Case Worker: Not Reported
MTBE DATE: Not Reported
GW CONC (PPB): Not Reported
MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CRSP-CA	Listed	Subject Site	144 ft (0 ft higher than site)	1

SITE NAME	MAPS	ID
Berkeley Gas & Smog	1,2,3,4	79434

ADDRESS	CITY	ZIP
3000 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 79434
Site EI ID: 10195858
Agency Provided Latitude: 37.855011
Agency Provided Longitude: -122.266769

Program Description: Underground Storage Tank

Evaluation Information
Evaluation Date: 1/6/2021
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Monitoring system certification, overfill prevention inspection, and secondary containment testing completed this date by Bill McCarthy and Tony Fontana of U.S.T. Compliance Testing Inc. Received a copy of the alarm history. Reviewed training certificates
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/6/2021
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): The facility has a waste oil underground storage tank. The CERS submittal indicates the annual waste amount generated is 0 and the owner indicates they no longer use the tank. Provide TMD with confirmation that all used oil has been removed from the tank
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 1/6/2020
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Met the service technicians, Bill McCarthy and Tony Fontana with UST Compliance Testing, Inc. and confirmed certifications. Reviewed the alarm history and monthly designated operator inspection reports.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/6/2020
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s):
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/9/2019
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Met with Ram Magar, Berkeley Gas & Smog, and Bill McCarthy and Tony Fontana with U.S.T. Compliance Testing Inc. Confirmed operation of supreme and regular sump sensors, sensors in UDC 1-2, 3-4, 5-6, and 7-8, positive shut down, sensor out, fail safe, supr
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/11/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s):
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/11/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Hazardous waste epa ID# currently active.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 1/13/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine Hazardous Materials Business Plan, Hazardous Waste, Underground Storage Tanks, and Stormwater Facility Compliance inspection. UST Compliance Testing was the certified UST contractor present for the annual monitoring system certification. It was no
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/13/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine Hazardous Materials Business Plan, Hazardous Waste, Underground Storage Tanks, and Stormwater Facility Compliance inspection. UST Compliance Testing was the certified UST contractor present for the annual monitoring system certification. It was no
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP

Evaluation Source: CERS

Evaluation Date: 4/14/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (PM)
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/28/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed on 1/12/2015. See inspection report for violations noted.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/28/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine inspection, Contractor was new; UST Compliance Testing. Used motor oil tank currently not being used but is monitored electronically.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 4/20/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): HMBP only inspection, no violations noted. Due to portal issues RP has not been able to enter UST data- in process for correction- 4/20/2015
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed in November by the Receivership. New operator took over and an UST certification was required prior to start up of operations. The statio
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST

Evaluation Source: CERS

Evaluation Date: 1/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): inspection was to witness monitoring system certification. With some difficulty contractor Nic, was able for certify the monitoring system a fully functional. There will be a new operator of the station and they contracted for the certification. They were
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 1/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection (HMBP, UST, HW, SW), UST monitoring system certification, a previous ust cert was completed in November by the Receivership. New operator took over and an UST certification was required prior to start up of operations. The statio
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 11/5/2014
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): station not in operation, Trustee in charge of station states the property will be sold within a short time frame. Monitoring certification completed with the exception of the LLD test & test for turbine shut down- was not able to power up pump. Operation
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 11/5/2014
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): as of 11/5/2014 site is under new trustee and is not operating as a gas station, i.e. no work being performed. Contact Anthony R. Calascibetta, NY #732-
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 5/20/2014
Violations Found? (Y/N): No
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): last week received notice that this site was under "receivership" by the court of Alameda County. I met the

court appointed receiver Mr. Gerard Keena at the site, he is responsible for the site remaining under compliance. An inspection report was complete
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 10/17/2013
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): no violations noted, training records available at the time of inspection.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 10/17/2013
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): No HW violations noted.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 10/17/2013
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine annual inspection. One of the LLD's failed, (87). The LLD a Red Jacket CPT system is no longer being made or supported for part replacement. There are two of these LLD's present at station. At a minimum the one non-functioning one must be replaced
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Violation Information
Violation Date: 1/6/2021
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements:

Install or maintain a liquid-tight spill container.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill container.

Be resistant to galvanic corrosion.

Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container.

Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Tested by a certified UST service technician.

Maintain records of spill containment testing for 36 months.

"

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)
Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: 23 CCR 16 2637.1(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637.1(e)
Violation Description: Failure to submit a copy of the spill containment test results on the â€œSpill Container Testing Report Formâ€ to the UPA within 30 days after the test.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements:
Be performed by an ICC certified DO.
Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy.
Inspect for the presence of liquid/debris in spill containers.
Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly.
Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit.
Check that all testing and maintenance has been completed and documented.
Verify that all facility employees have been trained in accordance with 23 CCR 2715(c).
For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated

UST operator visual inspection at least once every 30 days.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: 23 CCR 16 2712(b)(6) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(6)
Violation Description: Failure to maintain records of repairs and upgrades on site, or off site if approved by the UPA, for the life of the UST.

Violation Note(s): The DO noted the installation of a regular annular sensor, 11/26/2019. The owner/operator did not have a copy of the record of replacement of the sensor. Corrective action: Provide a copy of the work order or record of repair/replacement for the regular annular sensor to TMD.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Note(s): The CFO letter, dated 1/11/2017 is uploaded under the designated operator section. The owner/operator has not updated the CFO letter annually. Corrective action: complete and submit an updated CFO letter.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the â€œMonitoring System Certification Formâ€ to the UPA within 30 days of completion of the test.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the â€œOverfill Prevention Equipment Inspection Report Formâ€ to the UPA within 30 days after the inspection.
"

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/6/2020
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events:
A 100 percent or more increase in the quantity of a previously disclosed material.
Any handling of a previously undisclosed hazardous materials at or above reportable quantities.
A change of business address, business ownership, or business name.
A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Note(s): Observed 16, 15-pound full (approximately 3.53 gallons) propane cylinders onsite, which equates to approximately 1,926 cubic feet. The inventory lists a maximum daily storage of 250 cubic feet stored onsite. The inventory lists the regular unleaded gasoline as having a maximum daily storage amount of 5,000 gallons and the super gasoline as having a maximum daily storage amount of 850 gallons. In addition, the inventory is incomplete in that it does not include storage pressure, temperature or largest container for all of the inventory. In January 2018, the California Environmental Protection Agency (CalEPA) adopted 24 New Federal Hazard Categories for use in chemical inventory reporting as part of the annual hazardous materials inventory reporting of the Hazardous Materials Business Plan (HMBP) submittal in CERS. The 3/12/2018, 5/8/2018 and 5/2/2019 submittals did not identify these updated categories. Corrective action: Update and correct the inventory to include [Truncated]
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 1/9/2019
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements:

Install or maintain a liquid-tight spill container.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill container.

Be resistant to galvanic corrosion.

Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container.

Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Tested by a certified UST service technician.

Maintain records of spill containment testing for 36 months.

"

Violation Note(s): Returned to compliance on 07/12/2019. The spill bucket failed testing in that the water leaked from the bucket in to the sump. Corrective action: Within 30 day, have a certified UST service technician replace or repair the spill bucket so it is liquid-tight and holds a minimum of 5 gallons. original report was emailed to manager. No response. 3/4/19 - called Baskar and he had not received report. Emailed the report and gave extension to March 19, 2019. 4/1/19 - left message and emailed Baskar asking where is RTC. If he needs extension, he needs to send in writing. 4/1/19 - Baskar emailed with

report, and would contact DO for other items. 4/15/19 - emailed Baskar 4/23/19 - email from Baskar with training and request for extension to May 20. 5/22/2019 - lm for Baskar 6/4/2019 - lm for Baskar. Baskar called back and said he thought Bill McCarthy, service technician, was taking care of it. 6/12/19 - Baskar indicates Bill has placed the order for the spill bucket but they haven't received it [Truncated]
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/9/2019
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)
Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/9/2019
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,Â 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after OctoberÂ 1,Â 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST

Violation Source: CERS

Violation Date: 1/11/2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/13/2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Note(s): Returned to compliance on 05/08/2017.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 4/14/2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Note(s): Returned to compliance on 05/23/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 1/28/2016
Citation: HSC 6.7 28284.1(a)(5)(D) - California Health and Safety Code, Chapter 6.7, Section(s) 28284.1(a)(5)(D)
Violation Description: Failure of service technician, installer, and/ or employee to obtain and maintain proper license.

Violation Note(s): Returned to compliance on 05/02/2016. UST contractor to provide copies/proof of current certifications, UST Compliance Testing.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Note(s): Returned to compliance on 05/02/2016. LPG exchange cylinder rack needs to be accurately detailed for the quantity stored. Currently listed is 5 gallons and a filled rack is approximately 60 gallons.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP

Violation Source: CERS

Violation Date: 1/28/2016
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description: Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Note(s): Returned to compliance on 04/29/2016. unleaded spill bucket test failure. Repair or replace, retest and submit testing results.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 1/28/2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.

Violation Note(s): Returned to compliance on 05/02/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 11/5/2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Note(s): Returned to compliance on 12/05/2014. used motor oil in UST, and oil filters need to be disposed of, and labeled properly.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 11/5/2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130

Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Note(s): Returned to compliance on 12/05/2014.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 10/17/2013
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Enforcement Information
Enforcement Action Date: 1/28/2016
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HMRRP
Enforcement Action Source: CERS

Enforcement Action Date: 11/5/2014
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HW
Enforcement Action Source: CERS

Enforcement Action Date: 10/17/2013
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: UST
Enforcement Action Source: CERS

Coordinate Information
Program ID: 10195858
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.85501
Agency Provided Longitude: -122.26677

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.01 miles NW	144 ft (0 ft higher than site)	2
SITE NAME			**MAPS**	**ID**
1X KENTWELL CO INC			1,2,3,4	7730453
ADDRESS			**CITY**	**ZIP**
2076 ASHBY AVE			BERKELEY	947040000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.01 miles NE	147 ft (3 ft higher than site)	3
SITE NAME			**MAPS**	**ID**
ARCO			1,2,3,4	929802
ADDRESS			**CITY**	**ZIP**
3000 SHATTOCK			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Air-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL OIL COMPANY			1,2,3,4	BAY AQMD-BA-9614
ADDRESS			**CITY**	**ZIP**

2996 SHATTUCK AVENUE	BERKELEY	94703

DETAILS

Toxic Facility Information
Agency ID Desc: The first portion is the Air Quality District, the second portion is the County, the last is the Facility ID
Facility ID: 9614
Database Year: 2015
Air Basin: SF
County Code: 1
District Code: BA
District: BAY AREA AQMD
Facility SIC Code: 4953
COID: ALA
Prioritization Thresholds: Not Reported
Health Risk Assessment (HRA): Not Reported
Non-Cancer Chronic Hazard Index: Not Reported
Non-Cancer Acute Hazard Index: Not Reported
CHAPIS: Not Reported
CERR Code: Not Reported

Pollutant Information
TOG - Total Organic Gases (Tons/Yr): 0.000000342
ROG - Reactive Organic Gases (Tons/Yr): 0.000000245
CO - Carbon Monoxide (Tons/Yr): Not Reported
NOx - Oxides of Nitrogen (Tons/Yr): Not Reported
SOx - Oxides of Sulfur (Tons/Yr): Not Reported
PM - Particulate Matter (Tons/Yr): 0.000177627
PM - Particulate Matter - 10 Micrometers or Smaller (Tons/Yr): 0.000170522

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Air-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO	1,2,3,4	BAY AQMD-BA-100580

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Toxic Facility Information
Agency ID Desc: The first portion is the Air Quality District, the second portion is the County, the last is the Facility ID
Facility ID: 100580
Database Year: 2015
Air Basin: SF
County Code: 1
District Code: BA
District: BAY AREA AQMD
Facility SIC Code: 5411
COID: ALA
Prioritization Thresholds: Not Reported
Health Risk Assessment (HRA): Not Reported
Non-Cancer Chronic Hazard Index: Not Reported
Non-Cancer Acute Hazard Index: Not Reported
CHAPIS: Not Reported
CERR Code: Not Reported

Pollutant Information
TOG - Total Organic Gases (Tons/Yr): 0.670566
ROG - Reactive Organic Gases (Tons/Yr): 0.670566
CO - Carbon Monoxide (Tons/Yr): Not Reported
NOx - Oxides of Nitrogen (Tons/Yr): Not Reported
SOx - Oxides of Sulfur (Tons/Yr): Not Reported
PM - Particulate Matter (Tons/Yr): Not Reported
PM - Particulate Matter - 10 Micrometers or Smaller (Tons/Yr): Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	10196353

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

General Program & Facility Information
CERS ID: 10196353
Facility ID: Not Reported

Facility Regulator Key ID: FA0000320
Organization Code: 90166987
Business/Organization Name: XTRA OIL CO - SHATTUCK DBA CHEVRON
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 2/15/2017 1:08:00 PM
Count of Submitted Elements: 34
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: CARRIE ESTADT

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Edward Simas
Property Owner Phone Number: 510-865-9503
Property Owner Mailing Address: 2307 Pacific Ave.
Property Owner Mailing City: Alameda
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: 94501
Property Owner Mailing Country: United States

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 5/4/2017
Hazardous Waste Generator (HW) Last Inspection Date: 5/4/2017
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: 5/4/2017

Hazardous Material Inventory Information
Chemical Location: Outside Storage
Chemical Name: Absorbant with Hydrocarbons
Common Chemical Name: Absorbant with Hydrocarbons
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported

Primary Fire Code Hazardous Class: Flammable Solid
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 200
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: Y
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 20
Maximum Daily Amount Containing a Hazardous Material: 200
Estimate of Annual Amount Handled: 200
California Hazardous Waste Code: 223
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Absorbants

Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Hydrocarbons
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: used absorbant material mixed with disolved fuel mixure; includes uses fuel filters.

Chemical Location: Outside Storage
Chemical Name: H2O with Hydrocarbons
Common Chemical Name: water with hydorcarbons
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 55
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: Y
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 5

Maximum Daily Amount Containing a Hazardous Material: 50
Estimate of Annual Amount Handled: 50
California Hazardous Waste Code: 223
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: H2O
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Hydrocarbons
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: ground/surface water mixed with disolved fuel mixure.

Chemical Location: UST
Chemical Name: Diesel Fuel No. 2
Common Chemical Name: Diesel #2
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: 599746
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: 68476-34-6
Primary Fire Code Hazardous Class: Combustible Liquid, Class II
Secondary Fire Code Hazardous Class: Other Health Hazard
Third Fire Code Hazardous Class: Irritant
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 15000
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 8000
Maximum Daily Amount Containing a Hazardous Material: 14027
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: Y
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N

Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): DIESEL FUEL No. 2
Additional Mixture Components: Not Reported

Chemical Location: UST
Chemical Name: Gasoline
Common Chemical Name: Gasoline-Premium
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: 599746
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: 86290-81-5
Primary Fire Code Hazardous Class: Flammable Liquid, Class I-B
Secondary Fire Code Hazardous Class: Other Health Hazard
Third Fire Code Hazardous Class: Irritant
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture

Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 15000
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 10000
Maximum Daily Amount Containing a Hazardous Material: 14027
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: Y
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Mixture
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported

Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): CHEVRON and TEXACO PREMIUM UNLEADED GASOLINES
Additional Mixture Components: Not Reported

Chemical Location: UST
Chemical Name: Gasoline
Common Chemical Name: Gasoline-Regular
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: 599746
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: 86290-81-5
Primary Fire Code Hazardous Class: Flammable Liquid, Class I-B
Secondary Fire Code Hazardous Class: Other Health Hazard
Third Fire Code Hazardous Class: Irritant
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 15000
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 10000
Maximum Daily Amount Containing a Hazardous Material: 14027
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: Y
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N

Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: mixture
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): CHEVRON and TEXACO REGULAR UNLEADED GASOLINES
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: (510) 524-1991
Fax Number: 510-865-1889
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported

SIC Code: 5541
NAICS Code: Not Reported
Mailing Address: 2307 Pacific Ave.
Mailing Address City: Alameda
Mailing Address State Code: CA
Mailing Address Zip Code: 94501
Operator Name: Xtra Oil Company
Operator Phone Number: 510-865-9503
Owner Name: Edward Simas
Owner Phone: 510-865-9503
Owner Mailing Address: 2307 Pacific Ave.
Owner City: Alameda
Owner State: CA
Owner Zip Code: 94501
Owner Country: United States
Environmental Contact Name: Keith Simas
Environmental Contact Phone Number: 510-865-9503
Environmental Contact Mailing Address: 2307 Pacific Ave.
Environmental Contact Email Address: xtraoil@sbcglobal.net
Environmental Contact City: Alameda
Environmental Contact State: CA
Environmental Contact Zip: 94501
Environmental Contact Country: United States
Primary Emergency Contact Name: Keith Simas
Primary Emergency Contact Title: Operations Supevisosr
Primary Emergency Contact Business Phone Number: 510-517-1591
Primary Emergency Contact 24Hr Phone: 510-885-9451
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Ted Simas
Secondary Emergency Contact Title: Owner
Secondary Emergency Contact Business Phone: 510-207-3635
Secondary Emergency Contact 24Hr Phone: 510-733-5982
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Keith Simas
Identification Signer Name: Keith Simas
Identification Signer Title: Operations Supevisosr
Billing Contact Name: Carol Simas
Billing Contact Phone: 510-865-9503
Billing Contact Email: xtraoil@hotmail.com
Billing Address: 2307 Pacific Ave.
Billing City: Alameda
Billing State: CA
Billing Zip: 94501
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information

EPA ID: CAL000305472
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): Y
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): Y
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 2/15/2017 1:08:00 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 2/15/2017 1:07:57 PM
BP Owner/Operator Last Updated Date: 2/15/2017 1:07:57 PM
Submittal Action Comment 1: Thank you for your annual HMBP submittal for FY18. If there are any changes in the information provided, please make sure to update your submittal within 30 days of that change. Please note, the information in this HMBP submittal is also subject to field inspection verification which is to be scheduled in accordance with the UPAs existing inspection schedule.
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: 3/1/2018
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85545
Agency Provided Longitude: -122.2666
Horizontal Accuracy: 150
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:06:30 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 3/1/2018
Facility Info Last Submitted Date: 2/15/2017 1:08:00 PM
Facility Info Accepted Date: 3/7/2017 1:45:32 PM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 3/1/2018
Inventory Last Submitted Date: 2/15/2017 1:08:00 PM

Inventory Last Accepted Date: 3/7/2017 1:45:39 PM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 3/1/2018
ER Training Last Submitted Date: 2/15/2017 1:08:00 PM
ER Training Last Accepted Date: 3/7/2017 1:45:45 PM
UST Regulator Code: 6120
UST Reporting Requirement: Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: 3/23/2016 3:11:51 PM
UST Last Accepted Date: 4/1/2016 2:16:24 PM
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
BOE Number: 44002652
Type of Action: Confirmed/Updated Information
UST Facility Type: Motor Vehicle Fueling
Permit Holder Notification Information: Tank Operator
Total Number of USTs: 3
Indian or Trust Land: No

Supervisor of Division, Section, or Office: Not Reported
Tank Owner Name: Xtra Oil Company
Tank Owner Phone: 510-865-9503
Tank Owner Mailing Address: 2307 Pacific Ave.
Tank Owner City: Alameda
Tank Owner State: CA
Tank Owner ZIP Code: 94501
Tank Owner Country: United States
Tank Owner Type: Non-Government
Tank Operator Name: Xtra Oil Company
Tank Operator Phone: 510-865-9503
Tank Operator Mailing Address: 2307 Pacific Ave.
Tank Operator City: Alameda
Tank Operator State: CA
Tank Operator ZIP Code: 94501
Tank Operator Country: United States
Self-Insured?: No
Guarantee?: No
Insurance?: No
Surety Bond?: No
Letter of Credit?: No
Exemption?: No
State Fund and CFO letter?: Yes
State Fund and CD?: No
Local Government Mechanism?: No
Other?: No
Other Description: Not Reported
Date Submitted to CERS: 3/23/2016 3:11:51 PM
Date Accepted by Regulator: 4/1/2016 2:16:24 PM
Regulator Comment: Not Reported
Regulator Agent Name: Carrie Estadt
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

Tank & Monitoring Plan Information
Tank ID #: 1
Type of Action: Confirmed/Updated Information
Tank Manufacturer: Xerxes
Tank Configuration: A Stand-alone Tank
Tank Capacity (In Gallons): 15000
Date UST System Installed: 11/1/1999
Date UST Permanently Closed: Not Reported
Date Existing UST Discovered: Not Reported
Number of Compartments in the Unit: 1
Additional Description: Not Reported
Tank Use: Motor Vehicle Fueling
Specify Other Tank Use: Not Reported
Tank Contents: Premium Unleaded
Specify Other Petroleum: Not Reported

Specify Other Non-Petroleum: Not Reported
Type of Tank: Double Wall
Tank Primary Containment Construction: Fiberglass
Tank Construction - Other Primary Containment Construction: Not Reported
Tank Construction - Tank Secondary Containment Construction: Fiberglass
Tank Construction - Other Secondary Containment Construction: Not Reported
Audible/Visual Alarms: Yes
Ball Float: Yes
Fill Tube Shut-Off Valve: Yes
Exempt: No
Piping Construction: Double-walled
Piping System Type: Pressure
Primary Containment Construction: Fiberglass
Other Primary Containment Construction: Not Reported
Secondary Containment Construction: Fiberglass
Other Secondary Containment Construction: Not Reported
Piping/Turbine Containment Sump: Single-walled
Vent Piping Construction - Primary Containment Construction: Fiberglass
Vent Piping Const - Other Primary Containment Construction: Not Reported
Vent Piping Construction - Secondary Containment Construction: None
Vent Piping Const - Other Secondary Containment Construction: Not Reported
Vent Piping Transition Sumps: None
VR Piping Const - Primary Containment Construction: Fiberglass
VR Piping Const - Other Primary Containment Construction: Not Reported
VR Piping Const - Secondary Containment Construction: None
VR Piping Const - Other Secondary Containment Construction: Not Reported
Riser/Fill Piping Const - Primary Containment Const: Steel
Riser/Fill Piping Const - Other Primary Containment Const: Not Reported
Riser/Fill Piping Const - Secondary Containment Const: Rigid Plastic
Riser/Fill Piping Const - Other Secondary Containment Const: Not Reported
Spill Bucket Installed: Yes
Striker Plate / Bottom Protector Installed: Yes
Containment Sump: No
Construction Type: Single-walled
Construction Material: Fiberglass
Other Construction Material: Not Reported
Sacrificial Anode: No
Impressed Current: No
Isolation: No
Monitoring Equipment Serviced: Annually
Other Frequency of Monitoring Equipment Service: Not Reported
Site Plot Plan Submitted: New Plan Submitted
Continuous Electronic Tank Monitoring: Yes
Tank Secondary Containment System: Liquid-Filled
Electronic Monitor Panel Manufacturer: Veeder Root
Electronic Monitor Panel Model #: TLS-350
Tank Monitoring - Leak Sensor Manufacturer: Veeder Root
Tank Monitoring - Leak Sensor Model #: 794380-303
Automatic Tank Gauging: No
ATG Panel Manufacturer: Veeder Root

ATG Model #: TLS-350
In-Tank Probe Manufacturer: Veeder Root
In-tank Probe Model #: Mag 1
Tank Leak Test Frequency: Continuous
Other Leak Test Frequency: Not Reported
Programmed Tank Tests: Not Reported
Other Programmed Tests: Not Reported
Monthly Statistical Inventory Reconciliation: No
Weekly Manual Tank Gauge: No
Tank Gauging Test Period: Not Reported
Tank Integrity Testing: No
Tank Integrity Testing Frequency: Not Reported
Other Tank Integrity Testing Frequency: Not Reported
Other Monitoring: No
Specify Other Monitoring: Not Reported
Continuous Monitoring of Piping Secondary Containment: Yes
Piping Secondary Containment: Dry
Panel Manufacturer: Veeder Root
Panel Model #: TLS-350
Piping Secondary Containment - Leak Sensor Manufacturer: Veeder Root
Piping Secondary Containment - Leak Sensor Model #: 794380-208
Leak Alarm Triggers Automatic Pump Shutdown: Yes
Failure/Disconnect Triggers Pump Shutdown: Yes
Mechanical Line Leak Detector Performs 3 GPH Leak Test: Yes
MLLD Manufacturer: FE Petro
MLLD Model #: MLD
Electronic Line Leak Detector Performs 3 GPH Leak Test: No
ELLD Manufacturer: Not Reported
ELLD Model #: Not Reported
ELLD Programmed In-Line Testing: Not Reported
ELLD Triggers Automatic Pump Shutdown: Not Reported
ELLD Failure/Disconnect Triggers Automatic Shutdown: Not Reported
Pipeline Integrity Testing: No
Pipeline Integrity Testing Frequency: Not Reported
Other Pipeline Integrity Testing Frequency: Not Reported
Visual Pipeline Monitoring: No
Visual Pipeline Monitoring Frequency: Not Reported
Suction Piping Meets Exemption Criteria: No
No Regulated Piping Is Connected To The Tank System: No
Other Pipeline Monitoring: No
Other Pipeline Monitoring Description: Not Reported
UDC Monitoring: Continuous
Other UDC Monitoring: Not Reported
UDC Panel Manufacturer: Veeder Root
UDC Panel Model #: TLS-350
UDC Leak Sensor Manufacturer: Veeder Root
UDC Leak Sensor Model #: 794380-208
Detection of Leak into UDC Triggers Audible and Visual Alarms: Yes
UDC Leak Alarm Triggers Automatic Pump Shutdown: Yes
Fail/Discon UDC Monitor System Triggers Automatic Pump Shutdown: Yes

UDC Monitoring Stops Flow of Product at Dispenser: Yes
UDC Construction: Single-walled
UDC Secondary Containment Monitoring: Not Reported
Leak Within Sec Cnt of UDC Causes Audible & Visual Alarms: Not Reported
ELD Testing: No
Secondary Containment Testing: Yes
Spill Bucket Testing: Yes
Alarm Logs: Yes
Visual Inspection Records: Yes
Tank Integrity Testing Results: No
SIR Testing Results: No
Tank Gauging Results: No
ATG Testing Results: No
Corrosion Protection Logs: No
Equipment Maintenance and Calibration Records: Yes
Personnel w/ UST Monitor Responsibility Familiar w/ Training Doc: Yes
UST Monitoring Plan: Not Reported
Operating Manuals: Not Reported
CA UST Regulations: Not Reported
CA UST Law: Not Reported
SWRCB Handbook for Tank Owners - Manual and SIR: Not Reported
SWRCB Publication: Understanding Automatic Tank Gauging Systems: Not Reported
Other Training Documents: Not Reported
Other Training Documents Description: Emergency Response Plan
Designated Operator Training: Yes
Comments and Additional Information: Not Reported
Name of First Person Having Responsibility: Ted Simas
Title of First Person Having Responsibility: Owner
Name of Second Person Having Responsibility: Keith Simas
Title of Second Person Having Responsibility: Operations Supervisor
Signature Representation: Authorized Representative of Owner
Date Certified: Not Reported
Signature Date: Not Reported
Applicant Name: Keith Simas
Applicant Title: Operations Supervisor
Date Submitted to CERS: 3/23/2016 3:11:51 PM
Date Accepted by Regulator: 4/1/2016 2:16:24 PM
Regulator Agent Name: Carrie Estadt
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

Tank ID #: 2
Type of Action: Confirmed/Updated Information
Tank Manufacturer: Xerxes
Tank Configuration: A Stand-alone Tank
Tank Capacity (In Gallons): 15000
Date UST System Installed: 11/1/1999
Date UST Permanently Closed: Not Reported
Date Existing UST Discovered: Not Reported
Number of Compartments in the Unit: 1

Additional Description: Not Reported
Tank Use: Motor Vehicle Fueling
Specify Other Tank Use: Not Reported
Tank Contents: Regular Unleaded
Specify Other Petroleum: Not Reported
Specify Other Non-Petroleum: Not Reported
Type of Tank: Double Wall
Tank Primary Containment Construction: Fiberglass
Tank Construction - Other Primary Containment Construction: Not Reported
Tank Construction - Tank Secondary Containment Construction: Fiberglass
Tank Construction - Other Secondary Containment Construction: Not Reported
Audible/Visual Alarms: Yes
Ball Float: Yes
Fill Tube Shut-Off Valve: Yes
Exempt: No
Piping Construction: Double-walled
Piping System Type: Pressure
Primary Containment Construction: Fiberglass
Other Primary Containment Construction: Not Reported
Secondary Containment Construction: Fiberglass
Other Secondary Containment Construction: Not Reported
Piping/Turbine Containment Sump: Single-walled
Vent Piping Construction - Primary Containment Construction: Fiberglass
Vent Piping Const - Other Primary Containment Construction: Not Reported
Vent Piping Construction - Secondary Containment Construction: None
Vent Piping Const - Other Secondary Containment Construction: Not Reported
Vent Piping Transition Sumps: None
VR Piping Const - Primary Containment Construction: Fiberglass
VR Piping Const - Other Primary Containment Construction: Not Reported
VR Piping Const - Secondary Containment Construction: None
VR Piping Const - Other Secondary Containment Construction: Not Reported
Riser/Fill Piping Const - Primary Containment Const: Steel
Riser/Fill Piping Const - Other Primary Containment Const: Not Reported
Riser/Fill Piping Const - Secondary Containment Const: Rigid Plastic
Riser/Fill Piping Const - Other Secondary Containment Const: Not Reported
Spill Bucket Installed: Yes
Striker Plate / Bottom Protector Installed: Yes
Containment Sump: No
Construction Type: Single-walled
Construction Material: Fiberglass
Other Construction Material: Not Reported
Sacrificial Anode: No
Impressed Current: No
Isolation: No
Monitoring Equipment Serviced: Annually
Other Frequency of Monitoring Equipment Service: Not Reported
Site Plot Plan Submitted: New Plan Submitted
Continuous Electronic Tank Monitoring: Yes
Tank Secondary Containment System: Liquid-Filled
Electronic Monitor Panel Manufacturer: Veeder Root

Electronic Monitor Panel Model #: TLS-350
Tank Monitoring - Leak Sensor Manufacturer: Veeder Root
Tank Monitoring - Leak Sensor Model #: 794380-303
Automatic Tank Gauging: No
ATG Panel Manufacturer: Veeder Root
ATG Model #: TLS-350
In-Tank Probe Manufacturer: Veeder Root
In-tank Probe Model #: Mag 1
Tank Leak Test Frequency: Continuous
Other Leak Test Frequency: Not Reported
Programmed Tank Tests: Not Reported
Other Programmed Tests: Not Reported
Monthly Statistical Inventory Reconciliation: No
Weekly Manual Tank Gauge: No
Tank Gauging Test Period: Not Reported
Tank Integrity Testing: No
Tank Integrity Testing Frequency: Not Reported
Other Tank Integrity Testing Frequency: Not Reported
Other Monitoring: No
Specify Other Monitoring: Not Reported
Continuous Monitoring of Piping Secondary Containment: Yes
Piping Secondary Containment: Dry
Panel Manufacturer: Veeder Root
Panel Model #: TLS-350
Piping Secondary Containment - Leak Sensor Manufacturer: Veeder Root
Piping Secondary Containment - Leak Sensor Model #: 794380-208
Leak Alarm Triggers Automatic Pump Shutdown: Yes
Failure/Disconnect Triggers Pump Shutdown: Yes
Mechanical Line Leak Detector Performs 3 GPH Leak Test: Yes
MLLD Manufacturer: FE Petro
MLLD Model #: MLD
Electronic Line Leak Detector Performs 3 GPH Leak Test: No
ELLD Manufacturer: Not Reported
ELLD Model #: Not Reported
ELLD Programmed In-Line Testing: Not Reported
ELLD Triggers Automatic Pump Shutdown: Not Reported
ELLD Failure/Disconnect Triggers Automatic Shutdown: Not Reported
Pipeline Integrity Testing: No
Pipeline Integrity Testing Frequency: Not Reported
Other Pipeline Integrity Testing Frequency: Not Reported
Visual Pipeline Monitoring: No
Visual Pipeline Monitoring Frequency: Not Reported
Suction Piping Meets Exemption Criteria: No
No Regulated Piping Is Connected To The Tank System: No
Other Pipeline Monitoring: No
Other Pipeline Monitoring Description: Not Reported
UDC Monitoring: Continuous
Other UDC Monitoring: Not Reported
UDC Panel Manufacturer: Veeder Root
UDC Panel Model #: TLS-350

UDC Leak Sensor Manufacturer: Veeder Root
UDC Leak Sensor Model #: 794380-208
Detection of Leak into UDC Triggers Audible and Visual Alarms: Yes
UDC Leak Alarm Triggers Automatic Pump Shutdown: Yes
Fail/Discon UDC Monitor System Triggers Automatic Pump Shutdown: Yes
UDC Monitoring Stops Flow of Product at Dispenser: Yes
UDC Construction: Single-walled
UDC Secondary Containment Monitoring: Not Reported
Leak Within Sec Cnt of UDC Causes Audible & Visual Alarms: Not Reported
ELD Testing: No
Secondary Containment Testing: Yes
Spill Bucket Testing: Yes
Alarm Logs: Yes
Visual Inspection Records: Yes
Tank Integrity Testing Results: No
SIR Testing Results: No
Tank Gauging Results: No
ATG Testing Results: No
Corrosion Protection Logs: No
Equipment Maintenance and Calibration Records: Yes
Personnel w/ UST Monitor Responsibility Familiar w/ Training Doc: Yes
UST Monitoring Plan: Not Reported
Operating Manuals: Not Reported
CA UST Regulations: Not Reported
CA UST Law: Not Reported
SWRCB Handbook for Tank Owners - Manual and SIR: Not Reported
SWRCB Publication: Understanding Automatic Tank Gauging Systems: Not Reported
Other Training Documents: Not Reported
Other Training Documents Description: Emergency Response Plan
Designated Operator Training: Yes
Comments and Additional Information: Not Reported
Name of First Person Having Responsibility: Ted Simas
Title of First Person Having Responsibility: Owner
Name of Second Person Having Responsibility: Keith Simas
Title of Second Person Having Responsibility: Operations Supervisor
Signature Representation: Authorized Representative of Owner
Date Certified: Not Reported
Signature Date: Not Reported
Applicant Name: Keith Simas
Applicant Title: Operations Supervisor
Date Submitted to CERS: 3/23/2016 3:11:51 PM
Date Accepted by Regulator: 4/1/2016 2:16:24 PM
Regulator Agent Name: Carrie Estadt
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

Tank ID #: 3
Type of Action: Confirmed/Updated Information
Tank Manufacturer: Xerxes
Tank Configuration: A Stand-alone Tank

Tank Capacity (In Gallons): 15000
Date UST System Installed: 11/1/1999
Date UST Permanently Closed: Not Reported
Date Existing UST Discovered: Not Reported
Number of Compartments in the Unit: 1
Additional Description: Not Reported
Tank Use: Motor Vehicle Fueling
Specify Other Tank Use: Not Reported
Tank Contents: Diesel
Specify Other Petroleum: Not Reported
Specify Other Non-Petroleum: Not Reported
Type of Tank: Double Wall
Tank Primary Containment Construction: Fiberglass
Tank Construction - Other Primary Containment Construction: Not Reported
Tank Construction - Tank Secondary Containment Construction: Fiberglass
Tank Construction - Other Secondary Containment Construction: Not Reported
Audible/Visual Alarms: Yes
Ball Float: Yes
Fill Tube Shut-Off Valve: Yes
Exempt: No
Piping Construction: Double-walled
Piping System Type: Pressure
Primary Containment Construction: Fiberglass
Other Primary Containment Construction: Not Reported
Secondary Containment Construction: Fiberglass
Other Secondary Containment Construction: Not Reported
Piping/Turbine Containment Sump: Single-walled
Vent Piping Construction - Primary Containment Construction: Fiberglass
Vent Piping Const - Other Primary Containment Construction: Not Reported
Vent Piping Construction - Secondary Containment Construction: None
Vent Piping Const - Other Secondary Containment Construction: Not Reported
Vent Piping Transition Sumps: None
VR Piping Const - Primary Containment Construction: Fiberglass
VR Piping Const - Other Primary Containment Construction: Not Reported
VR Piping Const - Secondary Containment Construction: None
VR Piping Const - Other Secondary Containment Construction: Not Reported
Riser/Fill Piping Const - Primary Containment Const: Steel
Riser/Fill Piping Const - Other Primary Containment Const: Not Reported
Riser/Fill Piping Const - Secondary Containment Const: Rigid Plastic
Riser/Fill Piping Const - Other Secondary Containment Const: Not Reported
Spill Bucket Installed: Yes
Striker Plate / Bottom Protector Installed: Yes
Containment Sump: No
Construction Type: Single-walled
Construction Material: Fiberglass
Other Construction Material: Not Reported
Sacrificial Anode: No
Impressed Current: No
Isolation: No
Monitoring Equipment Serviced: Annually

Other Frequency of Monitoring Equipment Service: Not Reported
Site Plot Plan Submitted: New Plan Submitted
Continuous Electronic Tank Monitoring: Yes
Tank Secondary Containment System: Liquid-Filled
Electronic Monitor Panel Manufacturer: Veeder Root
Electronic Monitor Panel Model #: TLS-350
Tank Monitoring - Leak Sensor Manufacturer: Veeder Root
Tank Monitoring - Leak Sensor Model #: 794380-303
Automatic Tank Gauging: No
ATG Panel Manufacturer: Veeder Root
ATG Model #: TLS-350
In-Tank Probe Manufacturer: Veeder Root
In-tank Probe Model #: Mag 1
Tank Leak Test Frequency: Continuous
Other Leak Test Frequency: Not Reported
Programmed Tank Tests: Not Reported
Other Programmed Tests: Not Reported
Monthly Statistical Inventory Reconciliation: No
Weekly Manual Tank Gauge: No
Tank Gauging Test Period: Not Reported
Tank Integrity Testing: No
Tank Integrity Testing Frequency: Not Reported
Other Tank Integrity Testing Frequency: Not Reported
Other Monitoring: No
Specify Other Monitoring: Not Reported
Continuous Monitoring of Piping Secondary Containment: Yes
Piping Secondary Containment: Dry
Panel Manufacturer: Veeder Root
Panel Model #: TLS-350
Piping Secondary Containment - Leak Sensor Manufacturer: Veeder Root
Piping Secondary Containment - Leak Sensor Model #: 794380-208
Leak Alarm Triggers Automatic Pump Shutdown: Yes
Failure/Disconnect Triggers Pump Shutdown: Yes
Mechanical Line Leak Detector Performs 3 GPH Leak Test: Yes
MLLD Manufacturer: Vaporless
MLLD Model #: LD 2000
Electronic Line Leak Detector Performs 3 GPH Leak Test: No
ELLD Manufacturer: Not Reported
ELLD Model #: Not Reported
ELLD Programmed In-Line Testing: Not Reported
ELLD Triggers Automatic Pump Shutdown: Not Reported
ELLD Failure/Disconnect Triggers Automatic Shutdown: Not Reported
Pipeline Integrity Testing: No
Pipeline Integrity Testing Frequency: Not Reported
Other Pipeline Integrity Testing Frequency: Not Reported
Visual Pipeline Monitoring: No
Visual Pipeline Monitoring Frequency: Not Reported
Suction Piping Meets Exemption Criteria: No
No Regulated Piping Is Connected To The Tank System: No
Other Pipeline Monitoring: No

Other Pipeline Monitoring Description: Not Reported
UDC Monitoring: Continuous
Other UDC Monitoring: Not Reported
UDC Panel Manufacturer: Veeder Root
UDC Panel Model #: TLS-350
UDC Leak Sensor Manufacturer: Veeder Root
UDC Leak Sensor Model #: 794380-208
Detection of Leak into UDC Triggers Audible and Visual Alarms: Yes
UDC Leak Alarm Triggers Automatic Pump Shutdown: Yes
Fail/Discon UDC Monitor System Triggers Automatic Pump Shutdown: Yes
UDC Monitoring Stops Flow of Product at Dispenser: Yes
UDC Construction: Single-walled
UDC Secondary Containment Monitoring: Not Reported
Leak Within Sec Cnt of UDC Causes Audible & Visual Alarms: Not Reported
ELD Testing: No
Secondary Containment Testing: Yes
Spill Bucket Testing: Yes
Alarm Logs: Yes
Visual Inspection Records: Yes
Tank Integrity Testing Results: No
SIR Testing Results: No
Tank Gauging Results: No
ATG Testing Results: No
Corrosion Protection Logs: No
Equipment Maintenance and Calibration Records: Yes
Personnel w/ UST Monitor Responsibility Familiar w/ Training Doc: Yes
UST Monitoring Plan: Not Reported
Operating Manuals: Not Reported
CA UST Regulations: Not Reported
CA UST Law: Not Reported
SWRCB Handbook for Tank Owners - Manual and SIR: Not Reported
SWRCB Publication: Understanding Automatic Tank Gauging Systems: Not Reported
Other Training Documents: Not Reported
Other Training Documents Description: Emergency Response Plan
Designated Operator Training: Yes
Comments and Additional Information: Not Reported
Name of First Person Having Responsibility: Ted Simas
Title of First Person Having Responsibility: Owner
Name of Second Person Having Responsibility: Keith Simas
Title of Second Person Having Responsibility: Operations Supervisor
Signature Representation: Authorized Representative of Owner
Date Certified: Not Reported
Signature Date: Not Reported
Applicant Name: Keith Simas
Applicant Title: Operations Supervisor
Date Submitted to CERS: 3/23/2016 3:11:51 PM
Date Accepted by Regulator: 4/1/2016 2:16:24 PM
Regulator Agent Name: Carrie Estadt
Regulator Name: Berkeley City Toxics Management Division
Regulator Type: CUPA

AST, HMRRP & UST Violation Information
EPA ID: CAL000305472
RCRA LQG: No
Violation Date: 5/4/2017
Violation Type Number: 2010009
Class: Minor
Scheduled Return to Compliance Date: 6/3/2017
Actual Return to Compliance Date: 5/8/2017
Actual Return to Compliance Qualifier: Observed
Violation Comment: The facility did not submit a copy of the Secondary Containment Testing Report to TMD within 30 days of completion of the test.Corrected this date. TMD received a copy of the test report.
Violation Category: Administration/Documentation
Violation Name: Secondary Containment Testing
Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Citation(s): 23 CCR 16 2637(e)

Violation Date: 5/4/2017
Violation Type Number: 2030074
Class: Minor
Scheduled Return to Compliance Date: 6/3/2017
Actual Return to Compliance Date: 5/8/2017
Actual Return to Compliance Qualifier: Observed
Violation Comment: The facility did not provide copies of the 2015 or 2016 monitoring system certification report to TMD within 30 days of completion of the test.Corrected this date. TMD received a copy of both certification reports.
Violation Category: Operations/Maintenance
Violation Name: Annual Monitoring System Certification Submittal
Violation Description: Failure to submit the Annual Monitoring System Certification Form to the CUPA within 30 days of completion of the test.
Violation Citation(s): 23 CCR 16 2638(d)

Violation Date: 5/7/2015
Violation Type Number: 1010008
Class: Minor
Scheduled Return to Compliance Date: 6/6/2015
Actual Return to Compliance Date: 5/20/2015
Actual Return to Compliance Qualifier: Documented
Violation Comment: Business has not completed the annual review and certification of the HMBP as required by HSC 25508. the last inventory submittal was made 2/28/14 and the last emergency response submittal was made 6/24/13. TMD emailed business on 2/28/15 indicating business had not met its annual business plan certification requirement.Corrective action: review and submit the hazardous materials inventory, site map and emergency response plan/training plan.
Violation Category: Administration/Documentation
Violation Name: Annual Review / Certification
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Citation(s): HSC 6.95 25508(c), 25508.2

Violation Date: 5/7/2015

Violation Type Number: 1010010
Class: Minor
Scheduled Return to Compliance Date: 6/6/2015
Actual Return to Compliance Date: 6/2/2015
Actual Return to Compliance Qualifier: Documented
Violation Comment: Reviewed binder provided by Ivy. The binder includes a telephone directory with incorrect phone numbers for Fire and Toxics Management Division. While not submitted as part of the emergency plan, electronically, it does appear the binder is utilized.Corrective action: Update the information in the binder to reflect current response and phone numbers.
Violation Category: Administration/Documentation
Violation Name: Emergency response plan and procedures
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Citation(s): HSC 6.95 25505(a)(3), 25508(a)(1)

Violation Date: 5/7/2015
Violation Type Number: 2030046
Class: Minor
Scheduled Return to Compliance Date: 6/6/2015
Actual Return to Compliance Date: 6/2/2015
Actual Return to Compliance Qualifier: Documented
Violation Comment: The plans for all tanks indicate tank monitoring is performed using continuous electronic monitoring and automatic tank gauging. TMD confirmed the continuous electronic monitoring at the inspection. TMD could not confirm compliance with ATG requirements of 27 CCR 2643. corrective action: Provide hard copies of data reported for the ATG testing conducted at least once per month, including time and date, tank identification, fuel dept, water depth, temperature, liquid volume and duration of test. If you do not use ATG to monitor tank for release detection, update the monitoring plan.
Violation Category: Operations/Maintenance
Violation Name: Response Plan
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Citation(s): 23 CCR 16 2632, 2634(e), 2641(h), 2712(i)

Violation Date: 5/14/2014
Violation Type Number: 2030040
Class: Minor
Scheduled Return to Compliance Date: 6/13/2014
Actual Return to Compliance Date: 5/14/2014
Actual Return to Compliance Qualifier: Documented
Violation Comment: Observed test boot still on piping with test port facing up and clamps loose. Secondary contained piping not maintained to allow liquid to drain into sump.The boot was rotated at time of inspection to ensure port facing down.
Violation Category: Operations/Maintenance
Violation Name: Piping Obstruction (RD)
Violation Description: Failure to maintain secondarily contained piping to allow liquid in the event of a leak to drain into sump (i.e. failure to remove test boot, pipe swelling).
Violation Citation(s): 23 CCR 16 2630(d), 2641(a)

AST, HMRRP & UST Inspection Information
EPA ID: CAL000305472
RCRA LQG: No
Inspection Date: 5/4/2017
Inspection Type: Routine

Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 60
Violation Details Available: No
Inspection Comments: HMBP annual review and certification submitted on 2/15/2017. Confirmed business, inventory, site plan and emergency response information.

Inspection Date: 5/4/2017
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 2
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 5/8/2017
Days Out of Compliance: 4
Violation Details Available: Yes
Inspection Comments: Met with Tony Fontana and Bill McCarthy with UST Compliance Testing Inc. for routine inspection at time of monitoring system certification. Received system setup and alarm history. Reviewed monthly DO reports, which are complete. Facility maintains a daily log which notes any alarms. In June 2016, the diesel annular sensor alarmed with high alarms, and documents indicate the level of the sensor was adjusted. No additional alarms are noted since that time. The 91 annular sensor alarmed with high alarms in January, February, April, and May. According to Bill, most of the alarms cleared themselves, and TMD was able to identify for a few of the dates, that the sensor was adjusted. The station had same alarms on 91 annular sensor in 2015.The UST information was last submitted with the permit renewal on 3/23/2016 in CERS. Confirmed Financial responsibility, Response planConfirmed the operation and setup of diesel, premium, and unleaded sump sensors and positive [Truncated]

Inspection Date: 5/5/2016
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 424
Violation Details Available: No
Inspection Comments: Onsite for UST inspection at time of monitoring system certification. Bill McCarthy and Tony Fontana, UST Compliance Testing Inc. completing the certification. Received system setup and alarm history.Confirmed operation of turbine sump sensors and annular sensors for Tanks 1, 2 and 3. Confirmed positive shutdown, failsafe and sensor out. Confirmation operation of UDC sensors in 1-2, 3-4, 5-6, 7-8. Confirmed operation of line leak detectors for Tanks 1, 2, and 3 and pass of spill buckets. Confirmed site has flapper valves. The Tank Information submitted 3/23/2016 also indicates overfill protection is accomplished using ball float and audible/visual alarms. TMD is unable to confirm the ball floats are under all open risers except the fill riser and automatic tank guaging port and that the ball float is installed at higher level than the fill tube valve so that the fill tube valve is activated prior to any flow restriction. If the monitoring plan indicates the use of a [Truncated]

Inspection Date: 5/7/2015
Inspection Type: Routine
Number of Class I Violations: 0

Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 6/2/2015
Days Out of Compliance: 26
Violation Details Available: Yes
Inspection Comments: Met with Tony fontana and Bill McCarthy with UST Compliance Testing Inc. Confirmed operation of sensors, including sump, UDC and annular, fail safe, sensor out and positive shut down. Confirmed operation of line leak detectors and overfill audible and visual alarms.Review of electronic UST submittalUST Certification of Financial Responsibility - Business has two Certifications uploaded, 2/7/13 and 1/17/14. Please only maintain the current one in the system. Old documents should be deleted from the current submittal.UST Letter for the CFO - Business has 3 documents uploaded from 2013, 2014, and 2015. Please only maintain the current Letter in the system. Old documents should be deleted from the current submittal.Owner Statement of Designated UST Operator Compliance - The document uploaded 11/20/14 is incorrect in that it is a Financial responsibility document. Please delete this document.UST Tank Information - Overfill prevention for all tanks is noted as [Truncated]

Inspection Date: 5/7/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 2
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 6/2/2015
Days Out of Compliance: 26
Violation Details Available: Yes
Inspection Comments: Not Reported

Inspection Date: 5/14/2014
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With only Release Prevention
Date Returned to Compliance: 5/14/2014
Days Out of Compliance: 0
Violation Details Available: Yes
Inspection Comments: Met with Tony Fontana and Bill McCarthy of UST Compliance Testing Inc. and Ivy Zhou, Manager, for annual monitoring system certification. Received system set up and alarm history.Diesel/T3: Confirmed operation of STP sump sensor and annular sensor. Premium/T1: Confirmed operation of STP sump sensor and annular sensor.Regular/T2: Confirmed operation of STP sump sensor and annular sensor.Confirmed that UDC sensors alarm, and shut down pumps.Confirmed positive shut down and fail safe.Battery on monitoring panel replaced and all sensors confirmed following replacement.Confirmed operation of all LLDs.Reviewd monthly designated operator reports. The DO lists the secondary containment test as being done last on 5/26/11. Based on TMD records, it appears the testing was last completed 7/9/2012. Either update the DO reports or conduct testing on or before 5/26/14.One of the DO reports, following a high liquid alarm in the annular space of the premium tank, [Truncated]

AST, HMRRP & UST Enforcement Information
Type of Enforcement Action: Notice of Violation (NOV) Only
Date of Enforcement Action: 5/7/2015

Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported
Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0
Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 2
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: Not Reported

Date of Enforcement Action: 5/7/2015
Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported
Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0
Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 1
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: Not Reported

Date of Enforcement Action: 5/14/2014
Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported
Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0
Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 1
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
Edward Simas	1,2,3,4	10196353-BC

ADDRESS	CITY	ZIP
2996 Shattuck AVE	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196353
Owner Name: XTRA OIL CO - SHATTUCK DBA CHEVRON
Owner Address: 2307 Pacific Ave.
Owner City: ALAMEDA
Owner State: CA
Owner Zip: 94501
Mailing Address: 2307 Pacific Ave.
Mailing City/State/Zip: Alameda, CA 94501
Program/Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-UST-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
Edward Simas	1,2,3,4	10196353-ALA-BK

ADDRESS	CITY	ZIP

2996 Shattuck AVE	Berkeley	

DETAILS

County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Facility ID: 10196353
Owner Name: XTRA OIL CO - SHATTUCK DBA CHEVRON
Owner Address: 2307 Pacific Ave.
Owner City: ALAMEDA
Owner State: CA
Owner Zip: 94501
Mailing Address: 2307 Pacific Ave.
Mailing City/State/Zip: Alameda, CA 94501
Program/Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
Former Shell	1,2,3,4	225111

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94704

DETAILS

Site Regulated Program Information
Site ID: 225111
Site EI ID: T0600101247
Agency Provided Latitude: 37.855444
Agency Provided Longitude: -122.266674

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported

:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	172501

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 172501
Site EI ID: 10196353
Agency Provided Latitude: 37.85545
Agency Provided Longitude: -122.26686

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Program Description: Underground Storage Tank

Program Description: US EPA Air Emission Inventory System (EIS)

Evaluation Information
Evaluation Date: 5/3/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite for routine inspection at time of monitoring system certification and secondary containment testing. Met with Ivy Zhou, cashier, and Bill McCarthy and Tony Fontana, service technicians with UST Compliance Testing, Inc. Received system setup and alarm history. Confirmed training, alarm logs maintained, and DO reports are complete. Groundwater is leaking in to the 91 STP sump through an electrical penetration about 4 feet above the bottom of the sump. Service technician placed a 5 gallon bucket below the leak to collect the groundwater. The bucket does not appear to interfere with the monitoring of the piping. Please ensure to repair the leak. Service technicians tested and confirmed operation of the sump and UDC sensors, fail safe, positive shutdown, sensor out, and high and low level alarms on the annular sensors. Service technicians confirmed operation of the line leak detectors and fill buckets. Provide a copy of the certification and

secondary [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/4/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Met with Tony Fontana and Bill McCarthy with UST Compliance Testing Inc. for routine inspection at time of monitoring system certification. Received system setup and alarm history. Reviewed monthly DO reports, which are complete. Facility maintains a daily log which notes any alarms. In June 2016, the diesel annular sensor alarmed with high alarms, and documents indicate the level of the sensor was adjusted. No additional alarms are noted since that time. The 91 annular sensor alarmed with high alarms in January, February, April, and May. According to Bill, most of the alarms cleared themselves, and TMD was able to identify for a few of the dates, that the sensor was adjusted. The station had same alarms on 91 annular sensor in 2015. The UST information was last submitted with the permit renewal on 3/23/2016 in CERS. Confirmed Financial responsibility, Response plan Confirmed the operation and setup of diesel, premium, and unleaded sump sensors and positive [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/4/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): HMBP annual review and certification submitted on 2/15/2017. Confirmed business, inventory, site plan and emergency response information.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 5/4/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Confirmed the EPA ID number, CAL000305472, is active. The universal waste is taken to Alameda County HHW for disposal. The fire extinguishers were last serviced May 5, 2016. Ensure these are serviced soon to meet the annual requirement for maintenance.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 5/5/2016
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite for UST inspection at time of monitoring system certification. Bill McCarthy and Tony Fontana, UST Compliance Testing Inc. completing the certification. Received system setup and alarm history. Confirmed operation of turbine sump sensors and annular sensors for Tanks 1, 2 and 3. Confirmed positive shutdown, failsafe and sensor out. Confirmation

operation of UDC sensors in 1-2, 3-4, 5-6, 7-8. Confirmed operation of line leak detectors for Tanks 1, 2, and 3 and pass of spill buckets. Confirmed site has flapper valves. The Tank Information submitted 3/23/2016 also indicates overfill protection is accomplished using ball float and audible/visual alarms. TMD is unable to confirm the ball floats are under all open risers except the fill riser and automatic tank guaging port and that the ball float is installed at higher level than the fill tube valve so that the fill tube valve is activated prior to any flow restriction. If the monitoring plan indicates the use of a [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/7/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 5/7/2015
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Met with Tony fontana and Bill McCarthy with UST Compliance Testing Inc. Confirmed operation of sensors, including sump, UDC and annular, fail safe, sensor out and positive shut down. Confirmed operation of line leak detectors and overfill audible and visual alarms. Review of electronic UST submittal UST Certification of Financial Responsibility - Business has two Certifications uploaded, 2/7/13 and 1/17/14. Please only maintain the current one in the system. Old documents should be deleted from the current submittal. UST Letter for the CFO - Business has 3 documents uploaded from 2013, 2014, and 2015. Please only maintain the current Letter in the system. Old documents should be deleted from the current submittal. Owner Statement of Designated UST Operator Compliance - The document uploaded 11/20/14 is incorrect in that it is a Financial responsibility document. Please delete this document. UST Tank Information - Overfill prevention for all tanks is noted as [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/7/2015
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 5/14/2014
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Met with Tony Fontana and Bill McCarthy of UST Compliance Testing Inc. and Ivy Zhou, Manager, for annual monitoring system certification. Received system set up and alarm history. Diesel/T3: Confirmed operation of STP sump

sensor and annular sensor. Premium/T1: Confirmed operation of STP sump sensor and annular sensor. Regular/T2: Confirmed operation of STP sump sensor and annular sensor. Confirmed that UDC sensors alarm, and shut down pumps. Confirmed positive shut down and fail safe. Battery on monitoring panel replaced and all sensors confirmed following replacement. Confirmed operation of all LLDs. Reviewd monthly designated operator reports. The DO lists the secondary containment test as being done last on 5/26/11. Based on TMD records, it appears the testing was last completed 7/9/2012. Either update the DO reports or conduct testing on or before 5/26/14. One of the DO reports, following a high liquid alarm in the annular space of the premium tank, [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Violation Information
Violation Date: 5/4/2017
Citation: 23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.

Violation Note(s): Returned to compliance on 05/08/2017. The facility did not submit a copy of the Secondary Containment Testing Report to TMD within 30 days of completion of the test. Corrected this date. TMD received a copy of the test report.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 5/4/2017
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the Annual Monitoring System Certification Form to the CUPA within 30 days of completion of the test.
Violation Note(s): Returned to compliance on 05/08/2017. The facility did not provide copies of the 2015 or 2016 monitoring system certification report to TMD within 30 days of completion of the test. Corrected this date. TMD received a copy of both certification reports.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 5/7/2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Note(s): Returned to compliance on 05/20/2015. Business has not completed the annual review and certification of the HMBP as required by HSC 25508. the last inventory submittal was made 2/28/14 and the last emergency response submittal was made 6/24/13. TMD emailed business on 2/28/15 indicating business had not met its annual business plan certification requirement. Corrective action: review and submit the hazardous materials inventory, site map and emergency response plan/training plan.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 5/7/2015

Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Note(s): Returned to compliance on 06/02/2015. The plans for all tanks indicate tank monitoring is performed using continuous electronic monitoring and automatic tank gauging. TMD confirmed the continuous electronic monitoring at the inspection. TMD could not confirm compliance with ATG requirements of 27 CCR 2643. corrective action: Provide hard copies of data reported for the ATG testing conducted at least once per month, including time and date, tank identification, fuel dept, water depth, temperature, liquid volume and duration of test. If you do not use ATG to monitor tank for release detection, update the monitoring plan.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 5/7/2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Note(s): Returned to compliance on 06/02/2015. Reviewed binder provided by Ivy. The binder includes a telephone directory with incorrect phone numbers for Fire and Toxics Management Division. While not submitted as part of the emergency plan, electronically, it does appear the binder is utilized. Corrective action: Update the information in the binder to reflect current response and phone numbers.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 5/14/2014
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure to maintain secondarily contained piping to allow liquid in the event of a leak to drain into sump (i.e. failure to remove test boot, pipe swelling).
Violation Note(s): Returned to compliance on 05/14/2014. Observed test boot still on piping with test port facing up and clamps loose. Secondary contained piping not maintained to allow liquid to drain into sump. The boot was rotated at time of inspection to ensure port facing down.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Enforcement Information
Enforcement Action Date: 5/7/2015
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HMRRP
Enforcement Action Source: CERS

Enforcement Action Date: 5/7/2015
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported

Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: UST
Enforcement Action Source: CERS

Enforcement Action Date: 5/14/2014
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: UST
Enforcement Action Source: CERS

Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196353
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.855450
Agency Provided Longitude: -122.266600

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Former Shell			1,2,3,4	T0600101247
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

DETAILS

Global ID: T0600101247
County: Alameda
Site History: Wells destroyed.
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF

RB Case Number: 01-1352
Loc Case Number: 01-1352
File Location: Local Agency
Potential Contaminants of Concern: Diesel, Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered: Tank Closure
How Discovered Description: Tank Removal
Stop Method: Other Means
Stop Method Description: Remove and replace tanks
Action Date: 2013-01-15
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2012-11-01
Action Type: ENFORCEMENT
Action: Notification - Public Participation Document

Action Date: 2011-08-16
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2009-07-21
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2009-06-16
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2008-09-10
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1995-11-07
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1995-09-11
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1994-12-27
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1994-06-08
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-12-31

Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-09-28
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-08-04
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-06-25
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-01-14
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1991-11-27
Action Type: ENFORCEMENT
Action: Staff Letter

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
FORMER SHELL			1,2,3,4	110066313153
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

DETAILS

FRS Facility Detail Report URL:
http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066313153
Create Date: 14-OCT-2015 10:56:48
Program System: CA-ENVIROVIEW
Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

FRS-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	110055805213
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

DETAILS

FRS Facility Detail Report URL:
http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055805213
Create Date: 15-SEP-2013 12:55:10
Update Date: 01-JUN-2017 17:20:32
Program System: CA-CERS, CA-ENVIROVIEW, EIS, RCRAINFO
Interest Type(s): AIR EMISSIONS CLASSIFICATION UNKNOWN, SQG, STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	123655684-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE, CUPA
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HAZ WASTE GENERATOR
Status: ACTIVE, CUPA

Program/Element: HMBP
Status: ACTIVE, CUPA

Program/Element: UST FACILITY
Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
Former Shell	1,2,3,4	T0600101247

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94704

DETAILS

Original Database: SLIC-Closed-CA
Last Agency Status: Completed - Case Closed
Archive Date: 12/17/21
No Longer Listed-Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101247
Global ID: T0600101247
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/13/2013
CUF Case: YES
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1352
Loc Case Number: 01-1352
File Location: Local Agency
Potential Contaminants of Concern: Diesel, Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 1/12/1990
How Discovered: Tank Closure
How Discovered Description: Tank Removal
Stop Method: Other Means
Stop Method Description: Remove and replace tanks
Agency Provided Latitude: 37.855444484
Agency Provided Longitude: -122.26667434

Regulatory Activities Details
Action Date: 1989-10-16 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1989-12-15 00:00:00

Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1990-01-10 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-16 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1990-01-22 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-04-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-04-13 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1990-04-13 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1990-04-13 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1990-04-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-07-10 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-07-10 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-10-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-01-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-01-11 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-04-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-06-26 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-10-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-11-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-11-27 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-01-14 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-02-18 00:00:00
Action Type: RESPONSE
Action: Verbal Communication

Action Date: 1992-02-25 00:00:00
Action Type: RESPONSE
Action: Response to Comments

Action Date: 1992-04-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-04-15 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-06-25 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-08-01 00:00:00

Action Type: REMEDIATION
Action: Free Product Removal

Action Date: 1992-08-04 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-08-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-08-25 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-09-22 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 1992-09-28 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-10-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-12-31 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1993-02-11 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-04-05 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 1993-04-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-07-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-10-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-01-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-03-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-03-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-06-08 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1994-07-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-07-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-07-08 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-07-11 00:00:00
Action Type: REMEDIATION
Action: Pump & Treat (P&T) Groundwater

Action Date: 1994-10-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-12-20 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1994-12-27 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1995-01-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-01-31 00:00:00

Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1995-04-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-05-08 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1995-08-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-09-11 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1995-11-07 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1996-03-05 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-05-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-06-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1997-02-05 00:00:00
Action Type: REMEDIATION
Action: In Situ Physical/Chemical Treatment (other than SVE)

Action Date: 1999-09-24 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 2008-09-10 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2009-06-16 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2009-07-21 00:00:00
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2009-09-18 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2011-08-16 00:00:00
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2012-11-01 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Participation Document

Action Date: 2013-01-15 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2013-01-13 00:00:00
Status: Completed - Case Closed

Status Date: 2012-11-01 00:00:00
Status: Open - Eligible for Closure

Status Date: 2011-08-02 00:00:00
Status: Open - Inactive

Status Date: 2009-06-16 00:00:00
Status: Open - Verification Monitoring

Status Date: 2005-11-14 00:00:00
Status: Open - Site Assessment

Status Date: 1992-04-15 00:00:00
Status: Open - Site Assessment

Status Date: 1990-04-17 00:00:00
Status: Open - Site Assessment

Status Date: 1990-01-22 00:00:00
Status: Open - Site Assessment

Status Date: 1990-01-12 00:00:00
Status: Open - Case Begin Date

Status Date: 1990-01-12 00:00:00
Status: Open - Site Assessment

Status Date: 1965-01-02 00:00:00
Status: Open - Remediation

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

MTBE/Region Details
MTBE Date: 7/1/2003
GW CONC (PPB): 76000
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Former Shell			1,2,3,4	A9E1C143-T0600101247
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	99531-BC
ADDRESS	**CITY**	**ZIP**
2996 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: UST FACILITY
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	99530-BC
ADDRESS	**CITY**	**ZIP**
2996 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HAZ WASTE GENERATOR
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	99529-BC
ADDRESS	**CITY**	**ZIP**
2996 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	**4**
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	90898-ALA-BK
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 08/11/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	FA0000320-BC

ADDRESS	CITY	ZIP
2996 Shattuck AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE
Archive Date: 03/22/19
No Longer Listed-Responsible Agency: City of Berkeley
Facility ID: FA0000320
CERS ID: 10196353
Owner Name: Edward Simas
Owner Address: 2307 Pacific Ave.
Owner City: Alameda
Owner State: CA
Owner Zip: 94501
Mailing Address: 2307 Pacific Ave.
Mailing City/State/Zip: Alameda, CA 94501
Program/Element: HAZ WASTE GENERATOR
Billing Status: ACTIVE

Program/Element: HMBP
Billing Status: ACTIVE

Program/Element: STORMWATER
Billing Status: ACTIVE

Program/Element: UST FACILITY
Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	100370-BC

ADDRESS	CITY	ZIP

2996 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Inactive
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: Inactive

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	Name Changed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL COMPANY DBA CHEVRON	1,2,3,4	CAL000305472

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 04/28/16
Name Changed-Year: 2013
CAT_DESC: Other organic solids
CODE_VALUE_DESC: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
TONS: 0.075

Year: 2010
CAT_DESC: Unspecified oil-containing waste
CODE_VALUE_DESC: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
TONS: 0.1251

Year: 2010
CAT_DESC: Other organic solids
CODE_VALUE_DESC: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
TONS: 0.1

Year: 2009
CAT_DESC: Unspecified oil-containing waste
CODE_VALUE_DESC: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
TONS: 0.22935

Year: 2008
CAT_DESC: Unspecified oil-containing waste
CODE_VALUE_DESC: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
TONS: 0.60465

Year: 2008
CAT_DESC: Other organic solids
CODE_VALUE_DESC: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
TONS: 0.2

Year: 2006
CAT_DESC: Other organic solids
CODE_VALUE_DESC: TREATMENT, INCINERATION
TONS: 0.05

Year: 2006
CAT_DESC: Off-specification, aged or surplus organics
CODE_VALUE_DESC: RECYCLER
TONS: 0.5445

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	72CDA684-1440-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	99531-ALA-BK

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
SHATTUCK SELF SERVE	1,2,3,4	4993

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94704

DETAILS

Original Database: UST-Priority-CA
Last Agency Status: Listed
Archive Date: 12/05/16
No Longer Listed-Facility Information
Global ID: 4993
Claim Number: T0600101247
County: Alameda
Priority: D
Rank: 303
Report Date: 4/13/1990

Stop Date: 4/13/1990
Discovered Date: 4/13/1990
Claimant: EQUILON ENTERPRISES, LLC, ASSIGNEE
Lead Agency: BERKELEY, CITY OF
Regional Board: SAN FRANCISCO BAY RWQCB (REGION 2)
Region: SAN FRANCISCO BAY RWQCB
Region Code: REGION 2

GIS Information
Agency Provided Longitude: -122.2666743
Agency Provided Latitude: 37.85544448

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	72CDA684-1439-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL			1,2,3,4	4520598C-CAL000305472
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705
DETAILS				

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL COMPANY	1,2,3,4	559655

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Original Database: UST-CA
Last Agency Status: Listed
Archive Date: 03/27/17
No Longer Listed-More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp
Global ID: 813
COUNTY: Alameda
Permitting Agency: BERKELEY, CITY OF
Agency Provided Latitude: 37.85545
Agency Provided Longitude: -122.26655
PROJECT TYPE: Not Reported
RB Case Number: Not Reported
LOC Case Number: Not Reported
Case Worker: Not Reported
MTBE DATE: Not Reported
GW CONC (PPB): Not Reported
MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL	1,2,3,4	CAL000305472

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAL000305472
Facility County: 01
Mailing Street: 2307 PACIFIC AVE
Mailing City: ALAMEDA
Mailing State: CA
Mailing Zip: 94501
Contact Name: KEITH SIMAS
Contact Phone: 5108659503

Year: 2013
TONS: 0.075
TSD EPA ID: CAD028409019
Category Code: 352
Category Description: Other organic solids
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Year: 2010
TONS: 0.1251
TSD EPA ID: NVD982358483
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2010
TONS: 0.1
TSD EPA ID: CAD028409019
Category Code: 352
Category Description: Other organic solids
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Year: 2009
TONS: 0.22935
TSD EPA ID: NVD982358483
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2008
TONS: 0.60465
TSD EPA ID: CAT080013352
Category Code: 223

Category Description: Unspecified oil-containing waste
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2008
TONS: 0.2
TSD EPA ID: CAD097030993
Category Code: 352
Category Description: Other organic solids
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Year: 2006
TONS: 0.5445
TSD EPA ID: NVD980895338
Category Code: 331
Category Description: Off-specification, aged or surplus organics
Method Description: RECYCLER

Year: 2006
TONS: 0.05
TSD EPA ID: NVD980895338
Category Code: 352
Category Description: Other organic solids
Method Description: TREATMENT, INCINERATION

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
SHELL OIL PRODUCTS SAP 135099	1,2,3,4	CAR000170431

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	947051809

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAR000170431
Facility County: 01
Mailing Street: 12700 NORTHBOROUGH DR 300G03
Mailing City: HOUSTON

Mailing State: TX
Mailing Zip: 770670000
Contact Name: R HULL/ENV. REPORTING ANALYST
Contact Phone: 2818742238

Year: 2006
TONS: 0.0875
TSD EPA ID: CAD028409019
Category Code: 181
Category Description: Other inorganic solid waste
Method Description: TRANSFER STATION

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	FA0000320-ALA-BK

ADDRESS	CITY	ZIP
2996 Shattuck AVE	Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed
Archive Date: 03/22/19
No Longer Listed-County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Facility ID: FA0000320
CERS ID: 10196353
Owner Name: Edward Simas
Owner Address: 2307 Pacific Ave.
Owner City: Alameda
Owner State: CA
Owner Zip: 94501
Mailing Address: 2307 Pacific Ave.
Mailing City/State/Zip: Alameda, CA 94501
Program/Element: UST FACILITY
Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
EQUILON ENTERPRISES LLC	1,2,3,4	CAL000202690

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	947050000

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAL000202690
Facility County: 1
Mailing Street: PO BOX 4453
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 772104453
Contact Name: EQUILON ENTERPRISES LLC
Contact Phone: 7132412258

Year: 1999
TONS: 16.68
TSD EPA ID: CAD028409019
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TREATMENT, TANK

Year: 1999
TONS: 9.225
TSD EPA ID: CAD009466392
Category Code: 181
Category Description: Other inorganic solid waste
Method Description: RECYCLER

Year: 1999
TONS: 1
TSD EPA ID: CAD009466392
Category Code: 513
Category Description: Empty containers less than 30 gallons
Method Description: RECYCLER

Year: 1999

TONS: 9.225
TSD EPA ID: CAD009466392
Category Code: 512
Category Description: Other empty containers 30 gallons or more
Method Description: RECYCLER

Year: 1998
TONS: 0
TSD EPA ID: CAD028409019
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TREATMENT, TANK

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	72CDA684-1441-BC
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	58-ALA-BK
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			Berkeley	

DETAILS

Original Database: City-UST-CA
Last Agency Status: Listed

Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
County: Alameda
Source of List: Berkeley City
Responsible Agency: City of Berkeley, Toxics Management Division
Program/Element: UST FACILITY
Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
X-TRA OIL COMPANY			1,2,3,4	7733373
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-City-UST-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL - UNITED			1,2,3,4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	
DETAILS				
Reported Date: 1998 List: City of Berkeley UST List Agency: City of Berkeley				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-HWS-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1,2,3,4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1,2,3,4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1,2,3,4	8603-R2
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704
DETAILS				
Region: 2 - San Francisco County: Alameda				

Ground Water Detection Limit: 31000
Soil Detection Limit: Not Reported
MTBE Cnts: 1
MTBE Fuel: 0
Status: 7
MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
SHELL			1,2,3,4	1588070
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94704

DETAILS

Reported Date: 1998
List: Region #2-San Francisco Bay Fuel Leaks List
Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
UNITED SHELL			1,2,3,4	61897-PD
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705-1809

DETAILS

Listing Year: 1997
SIC Category: SERVICE STATIONS-GASOLINE & OIL
SIC Code: 554101

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Chevron			1,2,3,4	152134
ADDRESS			**CITY**	**ZIP**
2996 Shattuck Ave			Berkeley	94705
DETAILS				
Site Added: 1/1/2013				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL COMPANY			1,2,3,4	200562
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE.			BERKELEY	94702
DETAILS				
AS OF DATE: 7/18/2001 SITE TYPE: RETAIL TANK TYPE: UST COUNTY: ALAMEDA				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
Xtra Oil Co			1,2,3,4	26186

ADDRESS	CITY	ZIP
2996 Shattuck Ave	Berkeley	94705

DETAILS

Sic Code: 5541
Desc: Service Stations/Vehicle Fueling
Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-US	No Longer Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
SHELL OIL PRODUCTS SAP 135099	1,2,3,4	5CB2F9E-CAR000170431

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94703

DETAILS

OrgDatabase: RCRA
ArchDate: 3/23/2013

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
SHATTUCK SELF-SERVE	1,2,3,4	4041605

ADDRESS	CITY	ZIP
2996 SHATTUCK	BERKELEY	94705

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
Former Shell	1,2,3,4	T0600101247

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101247
Global ID: T0600101247
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/13/2013
CUF Case: YES
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1352
Loc Case Number: 01-1352
File Location: Local Agency
Potential Contaminants of Concern: Diesel, Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 1/12/1990
How Discovered: Tank Closure
How Discovered Description: Tank Removal
Stop Method: Other Means
Stop Method Description: Remove and replace tanks
Agency Provided Latitude: 37.855444484
Agency Provided Longitude: -122.26667434

Regulatory Activities Details
Action Date: 1989-10-16 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1989-12-15 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1990-01-10 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-01-16 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1990-01-22 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-04-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1990-04-13 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1990-04-13 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1990-04-13 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1990-04-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-07-10 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-07-10 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-10-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-01-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-01-11 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-04-09 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-06-26 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-10-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-11-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-11-27 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-01-14 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-02-18 00:00:00
Action Type: RESPONSE
Action: Verbal Communication

Action Date: 1992-02-25 00:00:00
Action Type: RESPONSE
Action: Response to Comments

Action Date: 1992-04-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-04-15 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-06-25 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-08-01 00:00:00
Action Type: REMEDIATION
Action: Free Product Removal

Action Date: 1992-08-04 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-08-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-08-25 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-09-22 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 1992-09-28 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-10-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-12-31 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1993-02-11 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-04-05 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 1993-04-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-07-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-10-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-01-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-03-09 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-03-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-06-08 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1994-07-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-07-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-07-08 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-07-11 00:00:00
Action Type: REMEDIATION
Action: Pump & Treat (P&T) Groundwater

Action Date: 1994-10-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-12-20 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1994-12-27 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1995-01-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-01-31 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1995-04-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-05-08 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1995-08-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-09-11 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1995-11-07 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1996-03-05 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-05-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-06-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1997-02-05 00:00:00
Action Type: REMEDIATION
Action: In Situ Physical/Chemical Treatment (other than SVE)

Action Date: 1999-09-24 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 2008-09-10 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2009-06-16 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2009-07-21 00:00:00
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2009-09-18 00:00:00

Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2011-08-16 00:00:00
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2012-11-01 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Participation Document

Action Date: 2013-01-15 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2013-01-13 00:00:00
Status: Completed - Case Closed

Status Date: 2012-11-01 00:00:00
Status: Open - Eligible for Closure

Status Date: 2011-08-02 00:00:00
Status: Open - Inactive

Status Date: 2009-06-16 00:00:00
Status: Open - Verification Monitoring

Status Date: 2005-11-14 00:00:00
Status: Open - Site Assessment

Status Date: 1992-04-15 00:00:00
Status: Open - Site Assessment

Status Date: 1990-04-17 00:00:00
Status: Open - Site Assessment

Status Date: 1990-01-22 00:00:00
Status: Open - Site Assessment

Status Date: 1990-01-12 00:00:00
Status: Open - Case Begin Date

Status Date: 1990-01-12 00:00:00
Status: Open - Site Assessment

Status Date: 1965-01-02 00:00:00
Status: Open - Remediation

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

MTBE/Region Details
MTBE Date: 7/1/2003
GW CONC (PPB): 76000
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL COMPANY DBA CHEVRON	1,2,3,4	CAL000305472

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000305472
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: OTHER GASOLINE STATIONS
Active Site Indicator: H----
Owner Name: XTRA OIL CO
Operator Name: KEITH SIMAS
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N

Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: Y
Universal Waste Destination Facility: Y
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20060412
Acknowledge Flag Date: 20060412
Contact First Name: KEITH
Contact Last Name: SIMAS
Contact Street 1: 2307 PACIFIC AVE
Contact City: ALAMEDA

Contact State: CA
Contact Zip: 94501-2918
Contact Phone: 510-865-9503
Contact E-mail Address: XTRAOIL@HOTMAIL.COM
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: Y
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
SHELL OIL PRODUCTS SAP 135099	1,2,3,4	CAR000170431

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAR000170431
Source Type: Notification
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
NAICS1: GASOLINE STATIONS WITH CONVENIENCE STORES
Active Site Indicator: H----
Owner Name: SHELL OIL PRODUCTS US
Operator Name: SHELL OIL PRODUCTS US

In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20060113
Contact First Name: DON
Contact Middle Initial: F
Contact Last Name: WISDOM
Contact Street 1: 12700 NORTHBOROUGH
Contact Street 2: RM 300 F07
Contact City: HOUSTON
Contact State: TX
Contact Zip: 77067
Contact Country: US
Contact Phone: 281-874-2238
Contact Phone Extension: 2238
Contact E-mail Address: DON.F.WISDOM@SHELL.COM
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

Waste Code: D001 |
Waste Code: D008 |
Waste Code: D018 |

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4
SITE NAME			**MAPS**	**ID**
XTRA OIL CO - SHATTUCK DBA CHEVRON			1,2,3,4	256933
ADDRESS			**CITY**	**ZIP**
2996 SHATTUCK AVE			BERKELEY	94705

DETAILS

More Information on Site? Go to Following Link: http://geotracker.waterboards.ca.gov/search.asp
CERSID: 10196353
Global ID: Not Reported
COUNTY: Alameda
Permitting Agency: Berkeley City Toxics Management Division
Agency Provided Latitude: 37.85545
Agency Provided Longitude: -122.2666
PROJECT TYPE: Not Reported
RB Case Number: Not Reported
LOC Case Number: Not Reported
Case Worker: Not Reported
MTBE DATE: Not Reported
GW CONC (PPB): Not Reported
MATRIX: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-CRSP-CA	Listed	0.02 miles N	144 ft (0 ft higher than site)	4

SITE NAME	MAPS	ID
XTRA OIL CO - SHATTUCK DBA CHEVRON	1,2,3,4	172501

ADDRESS	CITY	ZIP
2996 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 172501
Site EI ID: 10196353
Agency Provided Latitude: 37.85545
Agency Provided Longitude: -122.26686

Program Description: Underground Storage Tank

Evaluation Information
Evaluation Date: 5/7/2021
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite for the routine inspection at time of monitoring system certification. Received copy of the system setup and alarm history. Observed service technicians confirming operation of the sump sensors, under dispenser containment

sensors, annular sensors,
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/4/2020
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite for inspection at time of monitoring system certification.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/4/2020
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s):
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 5/4/2020
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s):
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 5/1/2019
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Monitoring system certification completed this date by U.S.T. Compliance Testing Inc. Received a copy of the system setup and alarm history.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/3/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite for routine inspection at time of monitoring system certification and secondary containment testing. Met with Ivy Zhou, cashier, and Bill McCarthy and Tony Fontana, service technicians with UST Compliance Testing, Inc. Received system setup and ala
Evaluation Division: Berkeley City Toxics Management Division

Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/4/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): HMBP annual review and certification submitted on 2/15/2017. Confirmed business, inventory, site plan and emergency response information.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 5/4/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Met with Tony Fontana and Bill McCarthy with UST Compliance Testing Inc. for routine inspection at time of monitoring system certification. Received system setup and alarm history. Reviewed monthly DO reports, which are complete. Facility maintains a dail
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/4/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Confirmed the EPA ID number, CAL000305472, is active. The universal waste is taken to Alameda County HHW for disposal. The fire extinguishers were last serviced May 5, 2016. Ensure these are serviced soon to meet the annual requirement for maintenance.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 5/5/2016
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite for UST inspection at time of monitoring system certification. Bill McCarthy and Tony Fontana, UST Compliance Testing Inc. completing the certification. Received system setup and alarm history. Confirmed operation of turbine sump sensors and annula
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/7/2015
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency

Evaluation Note(s): Met with Tony fontana and Bill McCarthy with UST Compliance Testing Inc. Confirmed operation of sensors, including sump, UDC and annular, fail safe, sensor out and positive shut down. Confirmed operation of line leak detectors and overfill audible and vis
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Evaluation Date: 5/7/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s):
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 5/7/2015
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s):
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 5/14/2014
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Met with Tony Fontana and Bill McCarthy of UST Compliance Testing Inc. and Ivy Zhou, Manager, for annual monitoring system certification. Received system set up and alarm history. Diesel/T3: Confirmed operation of STP sump sensor and annular sensor. Premi
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: UST
Evaluation Source: CERS

Violation Information
Violation Date: 5/1/2019
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements:
Be performed by an ICC certified DO.
Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy.
Inspect for the presence of liquid/debris in spill containers.
Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly.
Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit.
Check that all testing and maintenance has been completed and documented.
Verify that all facility employees have been trained in accordance with 23 CCR 2715(c).

For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Note(s): Returned to compliance on 06/05/2019. The 10/26/2018, 12/21/2018, 1/25/2019, 2/26/2019 and 3/27/2019 inspection reports all show a compliance issue of overfill not tested yet. The owner/operator does not provide a description in Section V of the action taken or to be taken to correct the issue. The11/28/2018, 3/27/2019, 4/23/2019 inspection reports do not identify it as a compliance issue. The DO inspection did not document inspection that UDC equipment is positioned correctly. The inspections are not being conducted every 30 days. Corrective action: The owner/operator must provide a description in Section V of any action taken or to be taken to correct issues discovered during the monthly DO inspection. The DO shall complete all required information on the report, including whether all sensors in the UDC are located to detect leak at earliest opportunity. The Inspection must also be completed within 30 days from the last inspection.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 5/1/2019
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,Â 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after OctoberÂ 1,Â 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violation Note(s): Returned to compliance on 06/05/2019. The overfill prevention equipment was not inspected by October 13, 2018. The overfill protection is listed in CERS for all tanks as audible/visual alarm, ball float and fill tube shut-off valve. Only the flapper valves were inspected this date. Corrective action: Either update CERS to reflect the minimal required overfill prevention method, or inspect all equipment. Provide the form and all required information within 30 days of the test. The next inspection must be completed no later than October 13, 2021 and every 36 months thereafter.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST

Violation Source: CERS

Violation Date: 5/4/2017
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the Annual Monitoring System Certification Form to the CUPA within 30 days of completion of the test.
Violation Note(s): Returned to compliance on 05/08/2017. The facility did not provide copies of the 2015 or 2016 monitoring system certification report to TMD within 30 days of completion of the test. Corrected this date. TMD received a copy of both certification reports.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 5/4/2017
Citation: 23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 5/7/2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Note(s): Returned to compliance on 06/02/2015. The plans for all tanks indicate tank monitoring is performed using continuous electronic monitoring and automatic tank gauging. TMD confirmed the continuous electronic monitoring at the inspection. TMD could not confirm compliance with ATG requirements of 27 CCR 2643. corrective action: Provide hard copies of data reported for the ATG testing conducted at least once per month, including time and date, tank identification, fuel dept, water depth, temperature, liquid volume and duration of test. If you do not use ATG to monitor tank for release detection, update the monitoring plan.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Violation Date: 5/7/2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 5/7/2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Note(s): Not Reported
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 5/14/2014
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure to maintain secondarily contained piping to allow liquid in the event of a leak to drain into sump (i.e. failure to remove test boot, pipe swelling).
Violation Note(s): Returned to compliance on 05/14/2014. Observed test boot still on piping with test port facing up and clamps loose. Secondary contained piping not maintained to allow liquid to drain into sump. The boot was rotated at time of inspection to ensure port facing down.
Violation Division: Berkeley City Toxics Management Division
Violation Program: UST
Violation Source: CERS

Enforcement Information
Enforcement Action Date: 5/7/2015
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HMRRP
Enforcement Action Source: CERS

Enforcement Action Date: 5/7/2015
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: UST
Enforcement Action Source: CERS

Enforcement Action Date: 5/14/2014
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: UST
Enforcement Action Source: CERS

Coordinate Information
Program ID: 10196353
ENV INT Type Code: HWG
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.85545

Agency Provided Longitude: -122.2666

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	10196170

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	94703

DETAILS

General Program & Facility Information
CERS ID: 10196170
Facility ID: Not Reported
Facility Regulator Key ID: FA0000205
Organization Code: 90166804
Business/Organization Name: SOS FOREIGN AUTO SERVICE
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 3/28/2017 9:09:51 AM
Count of Submitted Elements: 11
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: 3
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 3/15/2017
Hazardous Waste Generator (HW) Last Inspection Date: 12/15/2015
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
Chemical Location: East wall
Chemical Name: Diethylene Glycol Monobutyl Ether sodium metasilicate disodium trioxosilicate sodium nitrite
Common Chemical Name: Jetwash Powder Detergent
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 313
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 5
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 2
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: 0
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N

Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: round plastic 5 gallon tub
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 1.4
Haz Component 1 - Component Name: Diethylene Glycol Monobutyl Ether
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 112-34-5
Haz Component 2 - Percent by Weight: 0.5
Haz Component 2 - Component Name: Sodium Metasilicate
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 6834-92-0
Haz Component 3 - Percent by Weight: 98.1
Haz Component 3 - Component Name: Sodium carbonate
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 497-19-8
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: In parts washer
Chemical Name: Waste oily water
Common Chemical Name: Oily waste water
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported

US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 5
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 1
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: 20
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: Y
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient

Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Oily waster water
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: North and East Wall
Chemical Name: Motor Oil (new)
Common Chemical Name: Motor Oil (new)
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 64742-54-7
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 110
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N

Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 90
Maximum Daily Amount Containing a Hazardous Material: 100
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: 221
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: Y
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Petroleum distillates
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported

Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: North and South wall
Chemical Name: Miscellaneous flammable aerosols
Common Chemical Name: Silicone or Rust Penetrant, Lubricating grease
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 0.16
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 6
Maximum Daily Amount Containing a Hazardous Material: 10
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N

Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Misc. lubricants and propellants
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: North wall
Chemical Name: Ethylene Glycol
Common Chemical Name: Coolant (new)
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 107-21-1
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported

Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 55
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 27
Maximum Daily Amount Containing a Hazardous Material: 20
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: 343
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: Y
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported

Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: North wall
Chemical Name: Ethylene Glycol
Common Chemical Name: Coolant (Waste)
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 110
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 55
Maximum Daily Amount Containing a Hazardous Material: 110
Estimate of Annual Amount Handled: 385
California Hazardous Waste Code: 343
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: Y

Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Waste Antifreeze and water
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: North wall
Chemical Name: Petroleum distillates, hydrotreated heavy paraffinic
Common Chemical Name: ATF
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported

US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 064742-54-7
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 55
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 25
Maximum Daily Amount Containing a Hazardous Material: 30
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient

Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: North wall
Chemical Name: Used Oil
Common Chemical Name: Used Oil
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 110
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N

Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 55
Maximum Daily Amount Containing a Hazardous Material: 110
Estimate of Annual Amount Handled: 980
California Hazardous Waste Code: 221
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Used oil
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported

Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: South wall by window
Chemical Name: Battery
Common Chemical Name: Battery wet filled with sulphuric acid
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1.5
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 9
Maximum Daily Amount Containing a Hazardous Material: 10
Estimate of Annual Amount Handled: 12
California Hazardous Waste Code: 792
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N

Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: (510) 548-9590
Fax Number: 510-5489186
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: 0
NAICS Code: Not Reported
Mailing Address: 2051 ashby ave
Mailing Address City: berkeley
Mailing Address State Code: CA
Mailing Address Zip Code: 94703

Operator Name: lucky bertollino
Operator Phone Number: 925-9183720
Owner Name: lucky bertollino
Owner Phone: 510-5489590
Owner Mailing Address: 2051 ashby ave
Owner City: berkeley
Owner State: CA
Owner Zip Code: 94703
Owner Country: United States
Environmental Contact Name: lucky bertollino
Environmental Contact Phone Number: 510-5489590
Environmental Contact Mailing Address: 2051 ashby ave
Environmental Contact Email Address: sosautoservice@yahoo.com
Environmental Contact City: berkeley
Environmental Contact State: CA
Environmental Contact Zip: 94703
Environmental Contact Country: United States
Primary Emergency Contact Name: lucky bertollino
Primary Emergency Contact Title: owner
Primary Emergency Contact Business Phone Number: 510-5489590
Primary Emergency Contact 24Hr Phone: 925-9183720
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Not Reported
Secondary Emergency Contact Title: Not Reported
Secondary Emergency Contact Business Phone: Not Reported
Secondary Emergency Contact 24Hr Phone: Not Reported
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Not Reported
Identification Signer Name: Not Reported
Identification Signer Title: Not Reported
Billing Contact Name: lucky bertollino
Billing Contact Phone: 510-5489590
Billing Contact Email: Not Reported
Billing Address: 2051 ashby ave
Billing City: berkeley
Billing State: CA
Billing Zip: 94703
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: CAL000019204
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): Y

Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 3/28/2017 9:09:51 AM
Submittal Action: Accepted
BP Activities Last Updated Date: 3/28/2017 9:09:18 AM
BP Owner/Operator Last Updated Date: 3/28/2017 9:09:18 AM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: Not Reported
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85544
Agency Provided Longitude: -122.2672
Horizontal Accuracy: 300
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:06:18 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: Not Reported
Facility Info Last Submitted Date: 3/28/2017 9:09:51 AM
Facility Info Accepted Date: 5/10/2017 10:59:14 AM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: Not Reported
Inventory Last Submitted Date: 3/28/2017 9:09:51 AM
Inventory Last Accepted Date: 5/10/2017 10:59:22 AM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: Not Reported
ER Training Last Submitted Date: 3/28/2017 9:09:51 AM
ER Training Last Accepted Date: 5/10/2017 10:59:30 AM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported

UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
EPA ID: CAL000019204
RCRA LQG: No
Violation Date: 3/1/2017
Violation Type Number: 1010008
Class: Minor
Scheduled Return to Compliance Date: 3/31/2017
Actual Return to Compliance Date: 3/28/2017
Actual Return to Compliance Qualifier: Documented
Violation Comment: Non Inspection related Notice of Violation: Failure to report a current Hazardous Materials Business Plan
Violation Category: Administration/Documentation
Violation Name: Annual Review / Certification

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Citation(s): HSC 6.95 25508(a)(1), 25508.2

Violation Date: 4/14/2016
Violation Type Number: 1010008
Class: Minor
Scheduled Return to Compliance Date: 5/9/2016
Actual Return to Compliance Date: 5/25/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: Not Reported
Violation Category: Administration/Documentation
Violation Name: Annual Review / Certification
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Citation(s): HSC 6.95 25508(c), 25508.2

AST, HMRRP & UST Inspection Information
EPA ID: CAL000019204
RCRA LQG: No
Inspection Date: 3/15/2017
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: Not Reported
Date Returned to Compliance: 3/28/2017
Days Out of Compliance: 13
Violation Details Available: Yes
Inspection Comments: Not Reported

Inspection Date: 4/14/2016
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: Not Reported
Date Returned to Compliance: 5/25/2016
Days Out of Compliance: 41
Violation Details Available: Yes
Inspection Comments: Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (XD)

Inspection Date: 12/15/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention

Date Returned to Compliance: Not Reported
Days Out of Compliance: 566
Violation Details Available: No
Inspection Comments: Routine and unannounced inspection for HMBP and HW. RP mentioned that his quantities of haz mat have been reduced, upon inspecting they did appear to be less than was originally reported. The RP asked to have his cupa bill reviewed and based on the quantities noted during the inspection the bill could be reduced if the RP were to resubmit their inventory statement and submit a fee appeal form. This was mentioned to the RP and and separate email was sent detailing what was needed. No new employees for the a minimum of three years and all are family members. Hazardous waste containers were labeled appropriately with start accumulation dates completed. Observation that their fire extinguishers were due for service being one month overdue. The RP was going to call and schedule the fire extinguisher service. Failed to post emergency response information next to telephone, a posting was provided and the RP completed and posted the emergency phone numbers. Hazardous waste [Truncated]

AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
Joseph Parafina			1,2,3,4	10196170-BC
ADDRESS			**CITY**	**ZIP**
2051 Ashby AVE			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196170
Owner Name: SOS FOREIGN AUTO SERVICE
Owner Address: 2051 ashby ave
Owner City: Berkeley
Owner State: CA
Owner Zip: 94703
Mailing Address: 2051 ashby ave
Mailing City/State/Zip: berkeley , CA 94703
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER

Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	69031

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	94703

DETAILS

Site Regulated Program Information
Site ID: 69031
Site EI ID: 10196170
Agency Provided Latitude: 37.855442
Agency Provided Longitude: -122.267197

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 9/18/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Facility is a small quantity generator. The metal shavings in the rear of the shop are spilling over to the floor. The area shall be cleaned up and the shavings must be managed as scrap metal. Used fluorescent bulbs should be stored in a manner to prevent breakage and must be recycled. You may take them to Berkeley Recycling Center at 669 Gilman Street, Alameda County HHW Small Business Waste Program (800) 606-6606, or contact a recycler for prepaid recycle kits or pick up service. Observed absorbent on floor in parts storage area. The area shall be cleaned up and the absorbent must be managed appropriately.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 9/18/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Joseph Parafina has taken ownership of the business as of last month. The California Environmental

Protection Agency (CalEPA) adopted 24 New Federal Hazard Categories for use in the hazardous materials inventory reporting of the 2018 Hazardous Materials Business Plan (HMBP) submittal. The 2/28/2018 submittal did not identify these updated categories.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/15/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 4/14/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (XD)
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 12/15/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine and unannounced inspection for HMBP and HW. RP mentioned that his quantities of haz mat have been reduced, upon inspecting they did appear to be less than was originally reported. The RP asked to have his cupa bill reviewed and based on the quantities noted during the inspection the bill could be reduced if the RP were to resubmit their inventory statement and submit a fee appeal form. This was mentioned to the RP and and separate email was sent detailing what was needed. No new employees for the a minimum of three years and all are family members. Hazardous waste containers were labeled appropriately with start accumulation dates completed. Observation that their fire extinguishers were due for service being one month overdue. The RP was going to call and schedule the fire extinguisher service. Failed to post emergency response information next to telephone, a posting was provided and the RP completed and posted the emergency phone numbers. Hazardous waste [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 12/15/2015
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): The RP asked to have his cupa bill reviewed and based on the quantities noted during the inspection the bill could be reduced if the RP were to resubmit their inventory statement and submit a fee appeal form. This was mentioned to the RP and and separate email was sent detailing what was needed. No new employees for the a minimum of three years and all are family members. Hazardous waste containers were labeled appropriately with start accumulation dates completed.

Observation that their fire extinguishers were due for service being one month overdue. The RP was going to call and schedule the fire extinguisher service. Failed to post emergency response information next to telephone, a posting was provided and the RP completed and posted the emergency phone numbers. Hazardous waste disposal documents were available for review and no discrepancies were noted.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Violation Information
Violation Date: 9/18/2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements:
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Note(s): Returned to compliance on 11/29/2018. Observed open hazardous waste containers in that the used oil and used antifreeze tanks have funnels in the opening, a portable used oil container with holes in the top, secondary containment pallets with standing liquid. Corrective action: Provide lids for the hazardous waste tanks, change out the lid on the portable used oil container with holes or discontinue use of the container, remove the liquid from the containment pallets and manage properly.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 9/18/2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Note(s): Returned to compliance on 11/29/2018. New business owner requires a new EPA ID Number. Facility is still shipping offsite under the old owners inactive EPA ID number. Corrective action: Obtain an EPA ID number by submitting a completed application form 1358, https://www.dtsc.ca.gov/HazardousWaste/upload/GISS_FORM_1358.pdf, to the Department of Toxic Substances Control or U.S. Environmental Protection Agency, as applicable. Provide confirmation to the Toxics Management Division. In addition, ensure that you are completing the EPA ID number verification questionnaire (eVQ), which is an online system through DTSC, in July every year.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 9/18/2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Note(s): Returned to compliance on 11/29/2018. The portable used oil containers are labeled as hazardous waste, but the label is illegible for the name and address of generator, and hazard and chemical properties of the hazardous wastes. The used antifreeze tank is labeled as motor oil. Corrective action: Relabel the portable used oil containers, and label the used antifreeze tank with all required information. TMD can provide labels with laminate on top.
Violation Division: Berkeley City Toxics Management Division

Violation Program: HW
Violation Source: CERS

Violation Date: 9/18/2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Note(s): Returned to compliance on 12/06/2018. Observed a container of R134a at the site and it is not listed on the inventory. Corrective action: Update the inventory to include the R134a.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 9/18/2018
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Note(s): Returned to compliance on 11/29/2018. Used oil filters are stored in open, unlabeled drums and stacked on cart. The cart has a collection of used oil that is spilling on the floor. Corrective action: Transfer the used oil filters to a closed drum and label the drum with "used oil filters" and an accumulation start date. Clean up the spill and manage the waste appropriately.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 3/1/2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Note(s): Returned to compliance on 03/28/2017. Non Inspection related Notice of Violation: Failure to report a current Hazardous Materials Business Plan
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 4/14/2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Note(s): Returned to compliance on 05/25/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 12/15/2015
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Note(s): Returned to compliance on 12/16/2015.

Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Enforcement Information
Enforcement Action Date: 11/13/2018
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HW
Enforcement Action Source: CERS

Enforcement Action Date: 11/13/2018
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HMRRP
Enforcement Action Source: CERS

Enforcement Action Date: 12/15/2015
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HW
Enforcement Action Source: CERS

Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196170
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.855440
Agency Provided Longitude: -122.267200

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	110066556195
ADDRESS	**CITY**	**ZIP**
2051 ASHBY AVE	BERKELEY	94703

DETAILS

FRS Facility Detail Report URL:
http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066556195
Create Date: 14-OCT-2015 12:02:12
Program System: CA-ENVIROVIEW
Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Dealers	Listed	0.03 miles NW	142 ft (2 ft lower than site)	**5**
SITE NAME			**MAPS**	**ID**
Sos & Sss Auto Svc			1,2,3,4	215204
ADDRESS			**CITY**	**ZIP**
2051 Ashby Ave			Berkeley	94703

DETAILS

Site Added: 1/1/2013

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Dealers	Listed	0.03 miles NW	142 ft (2 ft lower than site)	**5**
SITE NAME			**MAPS**	**ID**
Saab Specialized Svc			1,2,3,4	215205
ADDRESS			**CITY**	**ZIP**
2051 Ashby Ave			Berkeley	94703

DETAILS

Site Added: 1/1/2013

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Dealers	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
Emporium Motors			1,2,3,4	215131
ADDRESS			**CITY**	**ZIP**
2051 Ashby Ave			Berkeley	94703
DETAILS				
Site Added: 1/1/2013				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
EMPORIUM MOTORS			1,2,3,4	430237-PD
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	94703-2547
DETAILS				
Listing Year: 1997 SIC Category: AUTOMOBILE REPAIRING & SERVICE SIC Code: 753801				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS AUTO SVC			1,2,3,4	573886-PD

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	94703-2547

DETAILS

Listing Year: 1997
SIC Category: AUTOMOBILE REPAIRING & SERVICE
SIC Code: 753801

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	123655516-BC

ADDRESS	CITY	ZIP
2051 ASHBY AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE, CUPA
Archive Date: 05/15/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HAZ WASTE GENERATOR
Status: ACTIVE, CUPA

Program/Element: HMBP
Status: ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO	1,2,3,4	4520598C-CAL000019204

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	94703

DETAILS
No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	72CDA684-1175-BC

ADDRESS	CITY	ZIP
2051 ASHBY AVE	Berkeley	

DETAILS
No Additional Details Found

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	100211-BC

ADDRESS	CITY	ZIP
2051 ASHBY AVE	Berkeley	

DETAILS
Original Database: City-CUPA-CA Last Agency Status: Inactive Archive Date: 02/03/16 No Longer Listed-Note: This is an ERS assigned ID Responsible Agency: City of Berkeley Program/Element: HMBP Status: Inactive

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	99381-BC

ADDRESS	CITY	ZIP
2051 ASHBY AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HMBP
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS FOREIGN AUTO SERVICE	1,2,3,4	FA0000205-BC

ADDRESS	CITY	ZIP
2051 Ashby AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: ACTIVE
Archive Date: 03/22/19
No Longer Listed-Responsible Agency: City of Berkeley
Facility ID: FA0000205
CERS ID: 10196170
Owner Name: lucky bertollino
Owner Address: 2051 ashby ave
Owner City: berkeley

Owner State: CA
Owner Zip: 94703
Mailing Address: 2051 ashby ave
Mailing City/State/Zip: berkeley , CA 94703
Program/Element: HAZ WASTE GENERATOR
Billing Status: ACTIVE

Program/Element: HMBP
Billing Status: ACTIVE

Program/Element: STORMWATER
Billing Status: ACTIVE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1,2,3,4	72CDA684-1174-BC
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			Berkeley	
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	5
SITE NAME			**MAPS**	**ID**
SOS MOTORS			1,2,3,4	CAL000019204
ADDRESS			**CITY**	**ZIP**
2051 ASHBY AVE			BERKELEY	947030000
DETAILS				
Original Database: HWIS-CA Last Agency Status: Listed				

Archive Date: 10/07/21
No Longer Listed-EPA ID: CAL000019204
Facility County: 1
Mailing Street: 2051 ASHBY AVE
Mailing City: BERKELEY
Mailing State: CA
Mailing Zip: 947030000
Contact Name: JEYSEN JEAN & LUCKY BERTOLLINO
Contact Phone: 5105489590

Year: 2009
TONS: 0.085
TSD EPA ID: CAT080013352
Category Code: 343
Category Description: Unspecified organic liquid mixture
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2008
TONS: 0.017
TSD EPA ID: CAT080013352
Category Code: 343
Category Description: Unspecified organic liquid mixture
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

Year: 2007
TONS: 0.1251
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Year: 2007
TONS: 0.06672
TSD EPA ID: CAT080013352
Category Code: 741
Category Description: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE

Year: 2006
TONS: 0.3336
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: RECYCLER

Year: 2006
TONS: 0.2085

TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Year: 2005
TONS: 0.14595
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: RECYCLER

Year: 2003
TONS: 0.68805
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: RECYCLER

Year: 2002
TONS: 0.8757
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: RECYCLER

Year: 2000
TONS: 0.45
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: RECYCLER

Year: 2000
TONS: 0.22
TSD EPA ID: CAL000161743
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: RECYCLER

Year: 2000
TONS: 0.45
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: TRANSFER STATION

Year: 1999
TONS: 1.1467

TSD EPA ID: CAL000161743
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TRANSFER STATION

Year: 1999
TONS: 0.3753
TSD EPA ID: CAL000161743
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: RECYCLER

Year: 1999
TONS: 0.4586
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: TRANSFER STATION

Year: 1998
TONS: 0.5212
TSD EPA ID: CAD059494310
Category Code: 741
Category Description: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Description: OTHER DISPOSAL

Year: 1998
TONS: 0.9174
TSD EPA ID: CAL000161743
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TRANSFER STATION

Year: 1998
TONS: 0.2085
TSD EPA ID: CAL000161743
Category Code: 221
Category Description: Waste oil and mixed oil
Method Description: TRANSFER STATION

Year: 1998
TONS: 0.417
TSD EPA ID: CAD982446866
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TRANSFER STATION

Year: 1998
TONS: 0.4586
TSD EPA ID: CAL000161743

Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: TRANSFER STATION

Year: 1997
TONS: 0.2293
TSD EPA ID: CAL000161743
Category Code: 223
Category Description: Unspecified oil-containing waste
Method Description: Not Reported

Year: 1997
TONS: 1.8347
TSD EPA ID: CAD980887418
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TRANSFER STATION

Year: 1996
TONS: 1.1676
TSD EPA ID: CAD980887418
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TRANSFER STATION

Year: 1995
TONS: 0.3127
TSD EPA ID: CAD980887418
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TRANSFER STATION

Year: 1994
TONS: 0.417
TSD EPA ID: CAD980887418
Category Code: 134
Category Description: Aqueous solution with total organic residues less than 10 percent
Method Description: TRANSFER STATION

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.03 miles NW	142 ft (2 ft lower than site)	**5**
SITE NAME			**MAPS**	**ID**
SOS FOREIGN AUTO SERVICE			1,2,3,4	99382-BC

ADDRESS	CITY	ZIP
2051 ASHBY AVE	Berkeley	

DETAILS

Original Database: City-CUPA-CA
Last Agency Status: Active
Archive Date: 02/03/16
No Longer Listed-Note: This is an ERS assigned ID
Responsible Agency: City of Berkeley
Program/Element: HAZ WASTE GENERATOR
Status: Active

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
EMPORIUM MOTORS	1,2,3,4	7732280

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	947030000

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.03 miles NW	142 ft (2 ft lower than site)	5

SITE NAME	MAPS	ID
SOS AUTO SERVICE	1,2,3,4	CAL000441535

ADDRESS	CITY	ZIP
2051 ASHBY AVE	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:

https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000441535
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: GENERAL AUTOMOTIVE REPAIR
Active Site Indicator: H----
Owner Name: JOSEPH PARAFINA
Operator Name: JOSEPH PARAFINA
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: Y
Universal Waste Destination Facility: Y
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N

Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20181205
Acknowledge Flag Date: 20181205
Contact First Name: JOSEPH
Contact Last Name: PARAFINA
Contact Street 1: 2051 ASHBY AVE
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94703
Contact Phone: 510-548-9590
Contact E-mail Address: SOSAUTOSERVICE2051@GMAIL.COM
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: Y
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.03 miles E	149 ft (5 ft higher than site)	6
SITE NAME			**MAPS**	**ID**
ENTERPRISE CAR RENTAL			1,2,3,4	221816
ADDRESS			**CITY**	**ZIP**

3001 SHATTUCK AVE	BERKELEY	94705-

DETAILS

Site Regulated Program Information
Site ID: 221816
Site EI ID: T0600191130
Agency Provided Latitude: 37.85509
Agency Provided Longitude: -122.266174

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	0.03 miles E	149 ft (5 ft higher than site)	**6**

SITE NAME	MAPS	ID
ENTERPRISE CAR RENTAL	1,2,3,4	110066013959

ADDRESS	CITY	ZIP
3001 SHATTUCK AVE	BERKELEY	94705-

DETAILS

FRS Facility Detail Report URL:
http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066013959
Create Date: 14-OCT-2015 09:28:58
Program System: CA-ENVIROVIEW
Interest Type(s): STATE MASTER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-CA	No Longer Listed	0.03 miles E	149 ft (5 ft higher than site)	6

SITE NAME	MAPS	ID
ENTERPRISE CAR RENTAL	1,2,3,4	T0600191130

ADDRESS	CITY	ZIP
3001 SHATTUCK AVE	BERKELEY	-94705

DETAILS

Original Database: SLIC-Closed-CA
Last Agency Status: Completed - Case Closed
Archive Date: 12/17/21
No Longer Listed-Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600191130
Global ID: T0600191130
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 4/20/2001
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 227548
Loc Case Number: 02-301-001
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Under Investigation
Begin Date: 4/13/2001
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8550899
Agency Provided Longitude: -122.266174

Regulatory Activities Details
Action Date: 2001-04-13 00:00:00
Action Type: Other
Action: Leak Reported

Status History Details
Status Date: 2001-04-20 00:00:00
Status: Completed - Case Closed

Status Date: 2001-04-13 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.03 miles E	149 ft (5 ft higher than site)	6
SITE NAME			**MAPS**	**ID**
ENTERPRISE CAR RENTAL			1,2,3,4	8264-R2
ADDRESS			**CITY**	**ZIP**
3001 SHATTUCK AVE			BERKELEY	94705-

DETAILS

Region: 2 - San Francisco
County: Alameda
Ground Water Detection Limit: < 1
Soil Detection Limit: < 1
MTBE Cnts: 2
MTBE Fuel: 1
Status: 9
MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.03 miles E	149 ft (5 ft higher than site)	6

SITE NAME	MAPS	ID
ENTERPRISE CAR RENTAL	1,2,3,4	T0600191130

ADDRESS	CITY	ZIP
3001 SHATTUCK AVE	BERKELEY	-94705

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600191130
Global ID: T0600191130
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 4/20/2001
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 227548
Loc Case Number: 02-301-001
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Under Investigation
Begin Date: 4/13/2001
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8550899
Agency Provided Longitude: -122.266174

Regulatory Activities Details
Action Date: 2001-04-13 00:00:00
Action Type: Other
Action: Leak Reported

Status History Details
Status Date: 2001-04-20 00:00:00

Status: Completed - Case Closed

Status Date: 2001-04-13 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.03 miles SE	148 ft (4 ft higher than site)	7
SITE NAME			**MAPS**	**ID**
PACIFIC VIEW PRESS			1,2,3,4	51238
ADDRESS			**CITY**	**ZIP**
3012 SHADDOCK			Berkeley	94704

DETAILS

Sic Code: 2731
Desc: Printer/Publisher/Comm./Retail
Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-Printers	Listed	0.04 miles NE	148 ft (4 ft higher than site)	8

SITE NAME	MAPS	ID
Hi Fidelty Entertainment	1,2,3,4	195261
ADDRESS	**CITY**	**ZIP**
2991 Shattuck Ave # 201	Berkeley	94705

DETAILS

Sic Code: 2759
Desc: Printer/Publisher/Comm./Retail
Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.04 miles NE	148 ft (4 ft higher than site)	8

SITE NAME	MAPS	ID
HI FIDELTY ENTERTAINMENT	1,2,3,4	1155457-PD
ADDRESS	**CITY**	**ZIP**
2991 SHATTUCK AVE # 201	BERKELEY	94705-1871

DETAILS

Listing Year: 1997
SIC Category: SCREEN PRINTING
SIC Code: 275902

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.04 miles NE	148 ft (4 ft higher than site)	8

SITE NAME	MAPS	ID
3dsm Com Inc	1,2,3,4	91287
ADDRESS	**CITY**	**ZIP**

2991 Shattuck Ave	Berkeley	94705

DETAILS

Sic Code: 2741
Desc: Printer/Publisher/Comm./Retail
Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.05 miles NE	149 ft (5 ft higher than site)	9

SITE NAME	MAPS	ID
1X MARK ATTARHA	1,2,3,4	7812504

ADDRESS	CITY	ZIP
2111 ASHBY AVE	BERKELEY	

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Manufacturing	Listed	0.05 miles N	146 ft (2 ft higher than site)	10

SITE NAME	MAPS	ID
Acleoni	1,2,3,4	21937

ADDRESS	CITY	ZIP
2930 Shattuck Ave	Berkeley	94705-1883

DETAILS

Site Added: 1/1/2013

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.05 miles N	146 ft (2 ft higher than site)	10

SITE NAME	MAPS	ID

EASY COPY CTR	1,2,3,4	126906
ADDRESS	**CITY**	**ZIP**
2930 SHATTUCK AVE	Berkeley	94705

DETAILS

Sic Code: 2752
Desc: Printer/Publisher/Comm./Retail
Site Added: 2/2010

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cleaners-CA	Listed	0.05 miles NE	149 ft (5 ft higher than site)	**11**
SITE NAME			**MAPS**	**ID**
Vogue Cleaners			1,2,3,4	23334
ADDRESS			**CITY**	**ZIP**
2973 Shattuck Ave			Berkeley	94705

DETAILS

Facility and Program Information
County: Alameda
Executive First Name: Not Reported
Executive Last Name: Not Reported
Professional Title: Not Reported
Executive Title: Not Reported
Executive Gender: Not Reported
ZIP Four: 1808
Carrier Route: C003
Delivery Point Barcode: 738
Metro Area: Sn Francisco, CA
Neighborhood: South Berkeley
Phone Number Combined: (510) 845-3922
Fax Number Combined: 0
Toll Free Number Combined: 0
Website: Voguecleaners.Com
Company Description: Not Reported
Primary SIC Code: 721201
Primary SIC Description: Cleaners
Primary SIC Ad Size: Regular
Primary SIC Year Appeared: 1987
SIC Code 1: 721201
SIC Code 1 Description: Cleaners

SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 2 Ad Size: Not Reported
SIC Code 2 Year Appeared: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 3 Ad Size: Not Reported
SIC Code 3 Year Appeared: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 4 Ad Size: Not Reported
SIC Code 4 Year Appeared: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 5 Ad Size: Not Reported
SIC Code 5 Year Appeared: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 6 Ad Size: Not Reported
SIC Code 6 Year Appeared: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 7 Ad Size: Not Reported
SIC Code 7 Year Appeared: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 8 Ad Size: Not Reported
SIC Code 8 Year Appeared: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 9 Ad Size: Not Reported
SIC Code 9 Year Appeared: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
SIC Code 10 Ad Size: Not Reported
SIC Code 10 Year Appeared: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: 812320
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported

NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Franchise Description 1: Not Reported
Franchise Description 2: Not Reported
Franchise Description 3: Not Reported
Franchise Description 4: Not Reported
Franchise Description 5: Not Reported
Cuisine Code: Not Reported
Cuisine Code Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 87000
Corporate Employee Size Range: Not Reported
Corporate Employee Size Actual: 0
Corporate Sales Volume Range: Not Reported
Corporate Sales Volume Actual: 0
Type of Business: Private
Location Type: Single Loc
Filing Type Code: Not Reported
Worksite Type: Not Reported
IUSA Number: 10-293-0302
Parent IUSA Number: 0
Subsidiary IUSA Number: 0
Foreign Parent Flag: Not Reported
EIN 1: Not Reported
EIN 2: Not Reported
EIN 3: Not Reported
Fortune 1000 Ranking: 0
Credit Cards Accepted: Not Reported
Last Updated On: 201709
Years In Database: 31
Year Established: Not Reported
Square Footage: 1 - 1,499
Home Business: No
Credit Score Alpha: B
Government Office: 0
Import Export Flag: Not Reported
Own or Lease: Not Reported
Firm or Individual: 2
Monday Open: 700
Monday Close: 1800

Tuesday Open: 700
Tuesday Close: 1800
Wednesday Open: 700
Wednesday Close: 1800
Thursday Open: 700
Thursday Close: 1800
Friday Open: 700
Friday Close: 1800
Saturday Open: 900
Saturday Close: 1700
Sunday Open: Closed
Sunday Close: Not Reported
Executive First Name 1: Not Reported
Executive Last Name 1: Not Reported
Executive Title 1: Not Reported
Executive Gender 1: Not Reported
Executive First Name 2: Not Reported
Executive Last Name 2: Not Reported
Executive Title 2: Not Reported
Executive Gender 2: Not Reported
Ticker Symbol: Not Reported
Stock Exchange: Not Reported
Accounting Expenses: Less than $500
Advertising Expenses: Less than $5,000
Computer Expenses: Less than $500
Contract Labor Expenses: Less than $1,000
Insurance Expenses: Less than $2,500
Legal Expenses: Less than $500
Office Supplies Expense: $5,000 to $10,000
Management/Administration Expenses: Less than $2,500
Package Container Expense: Less than $500
Payroll and Benefits Expenses: Less than $100,000
Purchase Print Expenses: Less than $500
Rent Expenses: Less than $10,000
Telecom Expenses: Less than $2,000
Utilities Expenses: Less than $2,000
Mailing Address: Not Reported
Mailing City: Not Reported
Mailing State: Not Reported
Mailing Zip Code: Not Reported
Mailing Zip Four: Not Reported
Mailing Carrier Route: Not Reported
Mailing Delivery Point Bar Code: Not Reported
Affiliated Records: 0
Affiliated Locations: 0
Census Block Group: 3
Record Type: Verified

Historic Information

Latitude: 37.855634
Longitude: -122.266485

Version Year: 2016
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported

Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2015
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported

NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2014
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported

NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2013
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported

NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2012
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported

NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2011
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)

NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2010
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported

SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2009
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported

SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2008
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported

SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2007
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported

SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
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NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2006
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported

SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2005
Primary SIC Code: 721201
Primary SIC Description: Cleaners

SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2004
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1

Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2003
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported

NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11

SITE NAME	MAPS	ID
Vogue Cleaners	1,2,3,4	73959

ADDRESS	CITY	ZIP
2973 Shattuck Ave	Berkeley	

DETAILS

Site Added: 1/1/2013

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11

SITE NAME	MAPS	ID
VOGUE CLEANERS & LAUNDRY	1,2,3,4	331148-PD

ADDRESS	CITY	ZIP
2973 SHATTUCK AVE	BERKELEY	94705-1808

DETAILS

Listing Year: 1997
SIC Category: CLEANERS
SIC Code: 721201

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11
SITE NAME			**MAPS**	**ID**
Pacific Horticulture Crcltn			1,2,3,4	41610
ADDRESS			**CITY**	**ZIP**
2931 Shattuck Ave # 104			Berkeley	94705
DETAILS				
Sic Code: 2721 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Printers	Listed	0.05 miles NE	149 ft (5 ft higher than site)	11
SITE NAME			**MAPS**	**ID**
PACIFIC HORTICULTURE CRCLTN			1,2,3,4	33812
ADDRESS			**CITY**	**ZIP**
2931 SHATTUCK AVE 104			Berkeley	94705
DETAILS				
Sic Code: 2721 Desc: Printer/Publisher/Comm./Retail Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.06 miles SW	138 ft (6 ft lower than site)	12
SITE NAME			**MAPS**	**ID**
BARBARA MCKINNY			1,2,3,4	CAC002675994

ADDRESS	CITY	ZIP
2037 EMERSON ST	BERKELEY	947032574

DETAILS

Original Database: HWIS-CA
Last Agency Status: Listed
Archive Date: 10/07/21
No Longer Listed-EPA ID: CAC002675994
Facility County: 01
Mailing Street: 16835 ANTLER WAY
Mailing City: WEED
Mailing State: CA
Mailing Zip: 960949611
Contact Name: BARBARA MCKINNY
Contact Phone: 5309380366

Year: 2011
TONS: 0.4
TSD EPA ID: CAD981382732
Category Code: 151
Category Description: Asbestos containing waste
Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

Year: 2011
TONS: 0.1125
TSD EPA ID: CAD982444481
Category Code: 612
Category Description: Household waste
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.06 miles S	143 ft (1 ft lower than site)	**13**

SITE NAME	MAPS	ID
FRANK ASHTON	1,2,3,4	CAC003064938

ADDRESS	CITY	ZIP
2070 EMERSON ST	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003064938
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES
Active Site Indicator: -----
Owner Name: FRANK ASHTON
Operator Name: FRANK ASHTON
In Handler Universes: N
In a Universe: N
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N

Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20200429
Acknowledge Flag Date: 20200429
Contact First Name: FRANK
Contact Last Name: ASHTON
Contact Street 1: 2070 EMERSON ST
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94703
Contact Phone: 408-892-3123
Contact E-mail Address: SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
Short Term Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Chemical-Storage	Listed	0.06 miles W	136 ft (8 ft lower than site)	14
SITE NAME			**MAPS**	**ID**
BROWNS UNIQUE ANTIQUES			1,2,3,4	132596-PD
ADDRESS			**CITY**	**ZIP**

2041 ASHBY AVE	BERKELEY	94703-2506

DETAILS

Listing Year: 1997
SIC Category: ANTIQUES-REPAIRING & RESTORING
SIC Code: 764112

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	**15**

SITE NAME	MAPS	ID
NEWBERRY STATION OFFICE PARK	1,2,4	188609

ADDRESS	CITY	ZIP
2929 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 188609
Site EI ID: SLT2O04046
Agency Provided Latitude: 37.855772
Agency Provided Longitude: -122.266428

Program Description: Cleanup Program Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

CRSP-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1,2,4	257098
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703

DETAILS

Site Regulated Program Information
Site ID: 257098
Site EI ID: T0600100963
Agency Provided Latitude: 37.856424
Agency Provided Longitude: -122.265931

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1,2,4	T0600100963
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703

DETAILS

Global ID: T0600100963
County: Alameda
Site History: The subject property (Site) is currently a small restaurant (Simply Greek) located at 2929 Shattuck Avenue in Berkeley, California. The Site is developed entirely by a single-story structure that faces directly to Shattuck Avenue. In January 1988, a 1,500-gal underground storage tank (UST) was removed from the Site. The UST was used to house bunker oil. During removal, a 500-gal UST that was used for stoddard solvent (SS, or STOD) presumably used for dry cleaning. Bunker oil (fuel oil, bunker crude, bunker fuel) is typically any type of petroleum fuel used for marine vessels, or in some cases, aircraft. Contaminants reported on Site include Stoddard solvent and bunker fuel/heating oil. No significant observed release to the environment. The Site was Administratively closed in 1991. Closed, G. Fielder, in GeoTracker, October 14, 2008.
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: REL
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1044
Loc Case Number: TT01-1044
File Location: Local Agency
Potential Contaminants of Concern: Heating Oil / Fuel Oil, Stoddard solvent / Mineral Spriits / Distillates
Potential Media Affected: Soil
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Tanks removed in 1988
Action Date: 2015-09-18
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2015-06-25
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Action Date: 2014-08-06
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2013-06-12
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 2008-05-06
Action Type: ENFORCEMENT
Action: File review

Action Date: 1994-03-21
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1992-01-22
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1991-08-14
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1991-06-17
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1989-08-14
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1989-08-10
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1987-04-28
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1987-04-19
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1987-03-12
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1984-11-21
Action Type: ENFORCEMENT
Action: Other Report

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	**15**
SITE NAME			**MAPS**	**ID**
1X NEWBURY STATION			1,2,4	7808660
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	947040000
DETAILS				

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1,2,4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK			BERKELEY	94703
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1,2,4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-Other-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1,2,4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	

DETAILS
Reported Date: 1998 List: North Bay County Toxic List - Surface Spills

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1,2,4	1588069
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.08 miles N	147 ft (3 ft higher than site)	15
SITE NAME			**MAPS**	**ID**
NEWBERRY STATION			1,2,4	T0600100963
ADDRESS			**CITY**	**ZIP**
2929 SHATTUCK AVE			BERKELEY	94703
DETAILS				
Sites Details URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100963 Global ID: T0600100963 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 9/18/2015 CUF Case: NO Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2) Case Worker: REL Local Agency: BERKELEY, CITY OF				

RB Case Number: 01-1044
Loc Case Number: TT01-1044
File Location: Local Agency
Potential Contaminants of Concern: Heating Oil / Fuel Oil, Stoddard solvent / Mineral Spriits / Distillates
Potential Media Affected: Soil
Begin Date: 11/21/1984
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Tanks removed in 1988
Agency Provided Latitude: 37.856424
Agency Provided Longitude: -122.265931

Regulatory Activities Details
Action Date: 1984-11-21 00:00:00
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1984-11-21 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1984-11-21 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1984-11-21 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1987-01-26 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1987-03-12 00:00:00
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1987-04-19 00:00:00
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1987-04-28 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1988-01-25 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1989-08-10 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1989-08-14 00:00:00
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1989-08-23 00:00:00
Action Type: RESPONSE
Action: Public Comment

Action Date: 1990-08-14 00:00:00
Action Type: REMEDIATION
Action: Monitored Natural Attenuation

Action Date: 1991-06-17 00:00:00
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1991-07-06 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1991-07-26 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1991-07-29 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1991-07-29 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1991-08-14 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 1991-10-08 00:00:00
Action Type: RESPONSE
Action: Well Destruction Report

Action Date: 1991-10-09 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1992-01-22 00:00:00

Action Type: ENFORCEMENT
Action: Other Report

Action Date: 1994-03-21 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2008-05-06 00:00:00
Action Type: ENFORCEMENT
Action: File review

Action Date: 2013-06-12 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 2014-08-06 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2015-06-25 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Action Date: 2015-09-18 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2015-09-18 00:00:00
Status: Completed - Case Closed

Status Date: 2013-10-21 00:00:00
Status: Open - Eligible for Closure

Status Date: 1996-09-27 00:00:00
Status: Open - Site Assessment

Status Date: 1984-11-21 00:00:00
Status: Open - Case Begin Date

Status Date: 1965-01-02 00:00:00
Status: Open - Remediation

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR

Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST. SUITE 1500
Contact City: OAKLAND
Contact Email: ralambert@waterboards.ca.gov
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
Organization Name: SWRCB
Contact Address: 1001 I Street
Contact City: SACRAMENTO
Contact Email: matthew.cohen@waterboards.ca.gov
Contact Phone Number: 9163415751

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	16

SITE NAME	MAPS	ID
THE MODEL GARAGE INC.	1,2,4	10196185

ADDRESS	CITY	ZIP
2920 SHATTUCK AVE	BERKELEY	94705

DETAILS

General Program & Facility Information
CERS ID: 10196185
Facility ID: Not Reported
Facility Regulator Key ID: FA0000211
Organization Code: 90166819
Business/Organization Name: THE MODEL GARAGE INC.
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 1

Facility Count for Business: 1
Last Submittal Date (any element): 1/4/2017 12:34:44 PM
Count of Submitted Elements: 12
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: VIVIANA GARCIA

Facility Specific Information
Assessor Parcel Number (APN): 53-1590-5-1
Number of Employees: 9
Property Owner Name: Donald B Worth
Property Owner Phone Number: 510-540-5899
Property Owner Mailing Address: 2920 SHATTUCK AVE
Property Owner Mailing City: BERKELEY
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: 94705
Property Owner Mailing Country: United States

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 11/30/2015
Hazardous Waste Generator (HW) Last Inspection Date: 11/30/2015
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
Chemical Location: 1
Chemical Name: Not Reported
Common Chemical Name: Used Antifreeze
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported

Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 40
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 25
Maximum Daily Amount Containing a Hazardous Material: 40
Estimate of Annual Amount Handled: 465
California Hazardous Waste Code: 342
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: Y
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Ethylene Glycol
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 107-21-7
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Burates
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 1330-43-4

Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Nitrates
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 7632-00-00
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Silicon compounds
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 8834-92-0
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 10
Chemical Name: Not Reported
Common Chemical Name: Waste Oil
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 220
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 150
Maximum Daily Amount Containing a Hazardous Material: 220
Estimate of Annual Amount Handled: 1755
California Hazardous Waste Code: 221
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: Y

Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Used, Refined Petroleum Base Stock
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 64742-41-2
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 12
Chemical Name: Not Reported
Common Chemical Name: Motor Oil / Transmission Oil / Gear Oil
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported

US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 220
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 222
Maximum Daily Amount Containing a Hazardous Material: 364
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: Y
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient

Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Refine Petroleum Base Stocks
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 2
Chemical Name: Ethylene Glycol
Common Chemical Name: Anti-freeze
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 107-21-1
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 55
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N

Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 35
Maximum Daily Amount Containing a Hazardous Material: 55
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: Y
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 50
Haz Component 1 - Component Name: Ethylene Glycol
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 107-21-1
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported

Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 3
Chemical Name: Not Reported
Common Chemical Name: Lead Acid Batteries
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 15
Maximum Daily Amount Containing a Hazardous Material: 20
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N

Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 40
Haz Component 1 - Component Name: Sulfuric Acid
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 7664-93-9
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 3
Chemical Name: Not Reported
Common Chemical Name: Misc Flamimable Aerosol Lubricants Zep 45 Zepreserve Wurth HHS 2000
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported

Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 0.25
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 2
Maximum Daily Amount Containing a Hazardous Material: 10
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Aromatic Naphtha
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 64742-95-6
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Aliphatic Naphtha
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 64742-88-7

Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Ethanol
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 64-17-5
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Paraffin Oil
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 64742-52-5
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Petroleum Lubricant
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: 68782-97-8
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 3
Chemical Name: Not Reported
Common Chemical Name: Miscellaneous Cleaners
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 30
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 20
Maximum Daily Amount Containing a Hazardous Material: 30
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N

Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Acetone
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 67-64-1
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Toluene
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 108-88-3
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Methanol
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 67-56-1
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Mixed Xylenes
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 1330-20-7
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Methyl Ethyl Ketone
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: 79-93-3
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 3
Chemical Name: Not Reported
Common Chemical Name: Used Lead Acid Batteries
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported

US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 10
Maximum Daily Amount Containing a Hazardous Material: 15
Estimate of Annual Amount Handled: 160
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: Not Reported
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient

Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 40
Haz Component 1 - Component Name: Sulfuric Acid
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 7664-93-9
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 4
Chemical Name: Acetylene
Common Chemical Name: Acetylene
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 74-86-2
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 55
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N

Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 55
Maximum Daily Amount Containing a Hazardous Material: 90
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported

Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 4
Chemical Name: Oxygen
Common Chemical Name: Oxygen
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 7782-44-7
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 84
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 70
Maximum Daily Amount Containing a Hazardous Material: 142
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: Not Reported
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N

Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 5
Chemical Name: Not Reported
Common Chemical Name: Aqueous Cleaning Solution, new
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported

Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 24
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 52
Maximum Daily Amount Containing a Hazardous Material: 52
Estimate of Annual Amount Handled: 224
California Hazardous Waste Code: 134
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Soda Ash
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 497-19-8
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Linear Primary Alcohol
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 68439-46-3

Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Isononanoic Acid
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 512345
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 6
Chemical Name: Dichlorodifluoromethane
Common Chemical Name: R-12 Refrigerant
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 75-71-8
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 133
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 173
Maximum Daily Amount Containing a Hazardous Material: 225
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N

Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 6
Chemical Name: Tetrafluoroethane
Common Chemical Name: R134 Refirgerant
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported

US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 811-97-2
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 133
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 173
Maximum Daily Amount Containing a Hazardous Material: 225
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient

Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: 8
Chemical Name: Nitrogen
Common Chemical Name: Nitrogen
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 7727-37-9
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 76
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N

Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 38
Maximum Daily Amount Containing a Hazardous Material: 76
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported

Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: (510) 540-5899
Fax Number: 510-540-7933
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: 0
NAICS Code: Not Reported
Mailing Address: 2920 SHATTUCK AVE
Mailing Address City: BERKELEY
Mailing Address State Code: CA
Mailing Address Zip Code: 94705
Operator Name: Donald B Worth
Operator Phone Number: 510-540-5899
Owner Name: Donald B Worth
Owner Phone: 510-540-5899
Owner Mailing Address: 2920 SHATTUCK AVE
Owner City: BERKELEY
Owner State: CA
Owner Zip Code: 94705
Owner Country: United States
Environmental Contact Name: Donald B Worth
Environmental Contact Phone Number: 510-540-5899
Environmental Contact Mailing Address: 2920 SHATTUCK AVE
Environmental Contact Email Address: modelgarage@modelgarageberkeley.com
Environmental Contact City: BERKELEY
Environmental Contact State: CA
Environmental Contact Zip: 94705
Environmental Contact Country: United States
Primary Emergency Contact Name: Donald B Worth
Primary Emergency Contact Title: President
Primary Emergency Contact Business Phone Number: 510-540-5899
Primary Emergency Contact 24Hr Phone: 510-517-6313
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Not Reported
Secondary Emergency Contact Title: Not Reported
Secondary Emergency Contact Business Phone: Not Reported
Secondary Emergency Contact 24Hr Phone: Not Reported
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Not Reported

Identification Signer Name: Not Reported
Identification Signer Title: Not Reported
Billing Contact Name: Donald B Worth
Billing Contact Phone: 510-540-5899
Billing Contact Email: modelgarage@modelgarageberkeley.com
Billing Address: 2920 SHATTUCK AVE
Billing City: BERKELEY
Billing State: CA
Billing Zip: 94705
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: CAD983642786
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): Y
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 1/4/2017 12:34:44 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 1/4/2017 11:15:22 AM
BP Owner/Operator Last Updated Date: 1/4/2017 11:15:22 AM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: Not Reported
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85635
Agency Provided Longitude: -122.26693
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:06:19 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: Not Reported
Facility Info Last Submitted Date: 1/4/2017 12:34:44 PM
Facility Info Accepted Date: 1/5/2017 9:21:26 AM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 2/4/2017
Inventory Last Submitted Date: 1/4/2017 12:34:44 PM
Inventory Last Accepted Date: 1/5/2017 9:21:32 AM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 2/4/2017
ER Training Last Submitted Date: 1/4/2017 12:34:44 PM
ER Training Last Accepted Date: 1/5/2017 9:21:42 AM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported

CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
: Not Reported
AST, HMRRP & UST Inspection Information
EPA ID: CAD983642786
RCRA LQG: No
Inspection Date: 11/30/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 581
Violation Details Available: No
Inspection Comments: Not Reported

AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.08 miles N	147 ft (3 ft higher than site)	16

SITE NAME	MAPS	ID
Donald B Worth	1,2,4	10196185-BC

ADDRESS	CITY	ZIP
2920 Shattuck AVE	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196185
Owner Name: THE MODEL GARAGE INC.
Owner Address: 2920 SHATTUCK AVE
Owner City: ALBANY/Berkeley

Owner State: CA
Owner Zip: 94705
Mailing Address: 2920 SHATTUCK AVE
Mailing City/State/Zip: BERKELEY, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	16

SITE NAME	MAPS	ID
THE MODEL GARAGE INC.	1,2,4	160961

ADDRESS	CITY	ZIP
2920 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 160961
Site EI ID: 10196185
Agency Provided Latitude: 37.856346
Agency Provided Longitude: -122.26693

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 3/16/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): EPA ID Number, CAD 983 642 786, is active. Waste is kept outside under a shelter. Waste is consistent with the inventory provided on CERS. Observed Used Oil, used coolant, waste filters (paper and metal separated), waste aerosols. Hazardous waste manifests were reviewed for past 3 years, records were compliant. Fire extinguishers are up to date.

Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 3/16/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Hazardous materials onsite are consistent with the materials reported on CERS. Facility map accurately depicts locations of hazardous materials and waste. Annual training for hazard communication and hazardous material/waste handling has not been completed since 2015.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 11/30/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 11/30/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Violation Information
Violation Date: 3/16/2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Note(s): Returned to compliance on 04/16/2018. Business failed to provide annual training to all employees. Corrective action: Complete hazardous materials/waste training for all employees and submit records to Toxics Management Division.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 3/16/2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Note(s): Returned to compliance on 04/16/2018. Business failed to properly label hazardous waste in that the accumulation start date was not indicated. Corrective action: Add accumulation start dates to all hazardous waste containers that have begun accumulating.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196185
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.856350
Agency Provided Longitude: -122.266930

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.08 miles N	147 ft (3 ft higher than site)	**16**
SITE NAME			**MAPS**	**ID**
MODEL GARAGE			1,2,4	516578-PD
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	94705-1809

DETAILS

Listing Year: 1997
SIC Category: AUTOMOBILE REPAIRING & SERVICE
SIC Code: 753801

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-CalFID-CA	Listed	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
MODEL GARAGE INC THE			1,2,4	3768324
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	947020000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.08 miles N	147 ft (3 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
MODEL GARAGE INC THE			1,2,4	CAD983642786
ADDRESS			**CITY**	**ZIP**
2920 SHATTUCK AVE			BERKELEY	94702
DETAILS				

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD983642786
Source Type: Notification
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
Active Site Indicator: H----
Owner Name: DONALD AND DOROTHY PETER
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N

Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 19920707
Acknowledge Flag Date: 19920716
Contact First Name: DONALD
Contact Last Name: WORTH
Contact Street 1: 2920 SHATTUCK AVE
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94702
Contact Country: US
Contact Phone: 510-540-5899
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N

Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.09 miles W	132 ft (12 ft lower than site)	17

SITE NAME	MAPS	ID
2001 Ashby Redevelopment	1,2,4	T10000014891

ADDRESS	CITY	ZIP
2001 Ashby Avenue	Berkeley	94703

DETAILS

Global ID: T10000014891
County: Alameda
Site History: The Site is located in a mixed commercial and residential area of South Berkeley at the northeast corner of Adeline Street and Ashby Avenue. The property consists of one parcel, assessor parcel number (APN) 53-1591-18-3, totaling approximately 0.64 acres. According to the Phase I Environmental Site Assessment (Phase I ESA), dated December 4, 2019, the current parcel consisted of at least 6 historical parcels with associated addresses including 2031 & 2033 Ashby Avenue and 2925-2933 Adeline Street. APN for these address could not be located in County Assessor records. The Site is bound to the northwest by Adeline Street and further north by various mixed commercial and residential buildings; to the east by additional commercial properties; to the south by a church and residential land-use; and to the west by commercial properties. The Site is currently occupied by one building (6,297 square feet) used as a credit union/bank surrounded by an asphalt paved parking lot. Demolition of existing structures and redevelopment is proposed at this Site, however, at this time limited information is available for the proposed redevelopment that will include both commercial and residential land use. Various configurations and historical operations were conducted at the Site. These site configurations and operations included dwellings as early as 1903 in the northern portion of the Site as observed in the Sanborn maps provided in the Phase I ESA. By 1911, the Site also contained a store building in the southeast corner and a structure labeled as “waiting room” in the southwest corner. A building permit reviewed dated December 19, 1936 was a certificate of occupancy for a service station at

the Site. The 1939 aerial photograph shows this gasoline service station. The city directory listings show that a gasoline service station was present at the Site (2001 Ashby Avenue) in 1945 through at least 1962. The city directory also showed that a store building with various commercial/retail businesses occupied the historical building (2031 & 2033 Ashby Avenue) from at least 1920 to 1970. A further look at building permits show an original building permit dated July 30, 1946 was issued for a gasoline service station. The City of Berkeley approved of a building permit for the construction of a bank on February 11, 1969 and signed off on the demolition of the former Site buildings on February 13, 1969. Fire Department records confirm that on February 12, 1969, the Site buildings and two underground storage tanks (USTs) (size and contents not provided) were removed. The present-day Site bank building and parking lot is assumed to have been constructed in 1969. The City of Berkeley Toxics Management Division records identified a letter dated November 2, 1998 review a Phase 1 ESA, dated July 17, 1998 in addition to a soil & groundwater report, dated October 13, 1998. Phase I ESA results indicated recognized environmental conditions (REC) related to the former gasoline service station at the Site and also identified REC-related activities upgradient from active Leaking Underground Storage Tank (LUST) cases. The findings and conclusions of the soil & groundwater report prepared by ATC Associates, Inc., indicated that petroleum hydrocarbons and halogenated volatile organic compounds in the groundwater were detected at levels below the maximum contaminant levels (MCL) or levels relatively low and not considered to pose significant threat to human health or to the environment. Based on these findings, no further action was required regarding soil and groundwater at the Site, however, the City of Berkeley recommended a limited site investigation for the Site prior to a change in use of the Site. Copies of the 1998 Phse I ESA or Subusrface Investigation Report have not been provided to ACDEH at this time. Additional subsurface investigation activities were conducted at the Site in April 2019 and described in the Limited Subsurface Investigation Report, dated May 9, 2019, prepared by Ninyo & Moore. These subsurface investigation activities included the advancement of five shallow borings (S-1 through S-5) to a depth of 2.0 feet below ground surface (bgs) or less. Two temporary soil vapor probes were advanced to a total depth of 5.5 feet bgs and included the collection of soil and soil vapor between 5.0 feet to 5.5 feet bgs. Soil samples were selectively analyzed for gasoline-, diesel-, and motor oil-range total petroleum hydrocarbons (TPH-g, TPH-d, TPH-mo) volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylene (BTEX), Leaking Underground Fuel Tank (LUFT) 5 metals, and California Title 22 metals. Petroleum related chemicals of concern (COCs) were detected in the soil samples sample at 2 feet bgs, however ACDEH notes these soil samples were collected at a depth above the former USTs. Soil samples also detected metal COCs including arsenic, lead and nickel above applicable regulatory screening levels for residential land use. Soil vapor samples were only collected from one soil vapor probe (SV-1) and indicated VOCs were detected above laboratory detection levels. Petroleum and non-petroleum related COCs were detected in soil vapor including but not limited tert-Butyl alcohol (TBA), ethylbenzene, toluene, chloromethane, carbon disulfide, and methyl ethyl ketone (MEK). Groundwater was not collected during the April 2019 investigations.
Case Type: Cleanup Program Site
Status: Open - Site Assessment
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: DY
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not Reported
Loc Case Number: RO0003442
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Arsenic, Lead, Nickel, Other Metal, Total Petroleum Hydrocarbons (TPH)
Potential Media Affected: Soil, Soil Vapor, Under Investigation
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Action Date: 2021-08-19
Action Type: ENFORCEMENT
Action: Staff Letter - #8/19/2021

Action Date: 2021-03-05

Action Type: ENFORCEMENT
Action: Staff Letter - #03/05/2021

Action Date: 2021-02-23
Action Type: ENFORCEMENT
Action: Staff Letter - #02/23/2021

Action Date: 2020-11-25
Action Type: ENFORCEMENT
Action: Staff Letter - #11/25/2020

Action Date: 2020-10-07
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 2020-08-03
Action Type: ENFORCEMENT
Action: Meeting - #8/3/2020

Action Date: 2020-08-03
Action Type: ENFORCEMENT
Action: Voluntary Remedial Action Agreement - #8/3/2020

Action Date: 2020-07-20
Action Type: ENFORCEMENT
Action: Email Correspondence - #7/20/2020

Action Date: 2020-07-09
Action Type: ENFORCEMENT
Action: Staff Letter - #7/9/2020

Action Date: 2020-07-09
Action Type: ENFORCEMENT
Action: Preliminary Site Review - #7/9/2020

Action Date: 2020-06-18
Action Type: ENFORCEMENT
Action: Email Correspondence

Action Date: 2020-06-16
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Site Assessment	0.09 miles W	132 ft (12 ft lower than site)	17

SITE NAME	MAPS	ID
2001 Ashby Redevelopment	1,2,4	T10000014891
ADDRESS	**CITY**	**ZIP**
2001 Ashby Avenue	Berkeley	94703

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000014891
Global ID: T10000014891
Case Type: Cleanup Program Site
Status: Open - Site Assessment
Status Date: 6/18/2020
CUF Case: NO
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: DY
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not Reported
Loc Case Number: RO0003442
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Arsenic, Lead, Nickel, Other Metal, Total Petroleum Hydrocarbons (TPH)
Potential Media Affected: Soil, Soil Vapor, Under Investigation
Begin Date: 6/18/2020
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.85532
Agency Provided Longitude: -122.26835

Regulatory Activities Details
Action Date: 2020-06-16 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2020-06-16 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2020-06-16 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2020-06-16 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2020-06-16 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2020-06-16 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2020-06-16 00:00:00
Action Type: RESPONSE
Action: Phase I Assessment Report

Action Date: 2020-06-16 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Report

Action Date: 2020-06-18 00:00:00
Action Type: ENFORCEMENT
Action: Email Correspondence

Action Date: 2020-07-09 00:00:00
Action Type: ENFORCEMENT
Action: Preliminary Site Review - #7/9/2020

Action Date: 2020-07-09 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #7/9/2020

Action Date: 2020-07-20 00:00:00
Action Type: ENFORCEMENT
Action: Email Correspondence - #7/20/2020

Action Date: 2020-08-03 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #8/3/2020

Action Date: 2020-08-03 00:00:00
Action Type: ENFORCEMENT
Action: Voluntary Remedial Action Agreement - #8/3/2020

Action Date: 2020-10-07 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 2020-11-25 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #11/25/2020

Action Date: 2021-02-23 00:00:00

Action Type: ENFORCEMENT
Action: Staff Letter - #02/23/2021

Action Date: 2021-03-05 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #03/05/2021

Action Date: 2021-08-19 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #8/19/2021

Status History Details
Status Date: 2020-06-18 00:00:00
Status: Open - Case Begin Date

Status Date: 2020-06-18 00:00:00
Status: Open - Site Assessment

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: DREW YORK
Organization Name: ALAMEDA COUNTY LOP
Contact Address: 1131 HARBOR BAY PARKWAY
Contact City: ALAMEDA
Contact Email: andrew.york@acgov.org
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			MAPS	ID

SOUTHWICK CHRYSLER PLYMOUTH	1,2,4	259571
ADDRESS	**CITY**	**ZIP**
2900 SHATTUCK AVE	BERKELEY	94704

DETAILS

Site Regulated Program Information
Site ID: 259571
Site EI ID: T0600101310
Agency Provided Latitude: 37.855587
Agency Provided Longitude: -122.266832

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	**18**
SITE NAME			**MAPS**	**ID**
SOUTHWICK CHRYSLER PLYMOUTH			1,2,4	T0600101310
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94704

DETAILS

Global ID: T0600101310
County: Alameda
Site History: Not Reported
Case Type: LUST Cleanup Site
Status: Completed - Case Closed

Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1419
Loc Case Number: 01-1419
File Location: Not Reported
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Soil
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Action Date: 1995-10-17
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
1X BALCH PETROLEUM			1,2,4	7808798
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	947100000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18
SITE NAME			**MAPS**	**ID**
IMPORTED CAR OF BERKELEY			1,2,4	207116
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	947100000
DETAILS				

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18

SITE NAME	MAPS	ID
SOUTHWICK CHRYSLER PLYMOUTH	1,2,4	929800

ADDRESS	CITY	ZIP
2900 SHATTUCK AVE	BERKELEY	94704

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18

SITE NAME	MAPS	ID
SOUTHWICK CHRYSLER PLYMOUTH	1,2,4	929800

ADDRESS	CITY	ZIP
2900 SHATTUCK AVE	BERKELEY	94704

DETAILS

Reported Date: 1998
List: Region #2-San Francisco Bay Fuel Leaks List
Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.1 miles N	147 ft (3 ft higher than site)	18

SITE NAME	MAPS	ID
IMPORTED CARS OF BERKELEY	1,2,4	239029

ADDRESS	CITY	ZIP

2900 SHATTUCK AVE	BERKELEY	94705

DETAILS

Note: ID has been assigned by ERS
Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000363DE.pdf

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.1 miles N	147 ft (3 ft higher than site)	**18**

SITE NAME	MAPS	ID
SOUTHWICK CHRYSLER PLYMOUTH	1,2,4	T0600101310

ADDRESS	CITY	ZIP
2900 SHATTUCK AVE	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101310
Global ID: T0600101310
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/17/1995
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1419
Loc Case Number: 01-1419
File Location: Not Reported
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Soil
Begin Date: 4/4/1988
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.855587
Agency Provided Longitude: -122.266832

Regulatory Activities Details
Action Date: 1988-04-04 00:00:00
Action Type: Other

Action: Leak Discovery

Action Date: 1988-04-04 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1988-04-04 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1995-10-17 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 1995-10-17 00:00:00
Status: Completed - Case Closed

Status Date: 1988-04-04 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.1 miles N	147 ft (3 ft higher than	18

			site)	
SITE NAME			**MAPS**	**ID**
IMPORTED CAR OF BERKELEY			1,2,4	CAD981443252
ADDRESS			**CITY**	**ZIP**
2900 SHATTUCK AVE			BERKELEY	94710

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD981443252
Source Type: Implementer
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
Active Site Indicator: H----
Owner Name: IMPORTED CAR OF BERKELEY
Operator Name: NOT REQUIRED
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------

GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 19960901
Acknowledge Flag Date: 19910331
Contact Country: US
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			MAPS	ID

HUB PAINT CENTER	1,2,4	230664
ADDRESS	**CITY**	**ZIP**
2917 ADELINE ST	BERKELEY	94703

DETAILS

Site Regulated Program Information
Site ID: 230664
Site EI ID: T0600100720
Agency Provided Latitude: 37.855912
Agency Provided Longitude: -122.268188

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	**19**
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1,2,4	1591820
ADDRESS			**CITY**	**ZIP**
2917 ADELINE			BERKELEY	94703

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-LUSTIS-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1,2,4	1591820
ADDRESS			**CITY**	**ZIP**
2917 ADELINE ST			BERKELEY	94703
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1,2,4	1591820
ADDRESS			**CITY**	**ZIP**
2917 ADELINE ST			BERKELEY	94703
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.11 miles NW	134 ft (10 ft lower than site)	19
SITE NAME			**MAPS**	**ID**
HUB PAINT CENTER			1,2,4	T0600100720
ADDRESS			**CITY**	**ZIP**
2917 ADELINE ST			BERKELEY	94703
DETAILS				

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100720
Global ID: T0600100720
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/3/2007
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0783
Loc Case Number: 01-0783
File Location: Local Agency
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Under Investigation
Begin Date: 6/28/1989
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8559119
Agency Provided Longitude: -122.268188

Regulatory Activities Details
Action Date: 1989-03-09 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-06-28 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1989-06-28 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1989-06-28 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1989-06-28 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Status History Details
Status Date: 2007-10-03 00:00:00
Status: Completed - Case Closed

Status Date: 1996-09-27 00:00:00
Status: Open - Site Assessment

Status Date: 1989-06-28 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.12 miles S	141 ft (3 ft lower than site)	20
SITE NAME			**MAPS**	**ID**
TRISHA LOW			1,2,4	CAC003028082
ADDRESS			**CITY**	**ZIP**
2024 ESSEX ST			BERKELEY	94703

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003028082
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator

NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES
Active Site Indicator: -----
Owner Name: TRISHA LOW
Operator Name: TRISHA LOW
In Handler Universes: N
In a Universe: N
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N

Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20190806
Acknowledge Flag Date: 20190806
Contact First Name: TRISHA
Contact Last Name: LOW
Contact Street 1: 2024 ESSEX ST
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94703-2513
Contact Phone: 415-460-4546
Contact E-mail Address: NICOLE@ENV-REM.COM
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMOTIVE			1,2,4	10196104
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94705
DETAILS				

General Program & Facility Information
CERS ID: 10196104
Facility ID: Not Reported
Facility Regulator Key ID: FA0000158
Organization Code: 90166738
Business/Organization Name: MOTOR CITY AUTOMOTIVE
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 1/31/2017 12:33:01 PM
Count of Submitted Elements: 8
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: 1
Property Owner Name: Alan Cartwright
Property Owner Phone Number: (510) 843-4521
Property Owner Mailing Address: 3058 SHATTUCK AVE
Property Owner Mailing City: Berkeley
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: 94705
Property Owner Mailing Country: United States

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 1/27/2017
Hazardous Waste Generator (HW) Last Inspection Date: 1/27/2017
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Brake Fluid
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported

DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 2
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 2
Maximum Daily Amount Containing a Hazardous Material: 2
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: Not Reported
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a

Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 39
Haz Component 1 - Component Name: Triethylene glycol monobutyl ether
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 143-22-6
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Choke and Carberator Cleaner
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N

Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 10
Maximum Daily Amount Containing a Hazardous Material: 10
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 45
Haz Component 1 - Component Name: METHYLENE CHLORIDE
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 75-09-2
Haz Component 2 - Percent by Weight: 30
Haz Component 2 - Component Name: XYLENE
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 1330-20-7
Haz Component 3 - Percent by Weight: 15
Haz Component 3 - Component Name: METHANOL
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 67-56-1
Haz Component 4 - Percent by Weight: 5
Haz Component 4 - Component Name: MORPHOLINE
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 110-91-8
Haz Component 5 - Percent by Weight: 5
Haz Component 5 - Component Name: ETHYL BENZENE
Haz Component 5 - EHS?: N

Haz Component 5 - CAS Number: 100-41-4
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Coolant/Antifreeze
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 12
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 12
Maximum Daily Amount Containing a Hazardous Material: 12
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N

Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 80
Haz Component 1 - Component Name: Ethylene Glycol
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 107-21-1
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Lead Acid Batteries
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported

Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1.5
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 18
Maximum Daily Amount Containing a Hazardous Material: 18
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: Batteries
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 40
Haz Component 1 - Component Name: Sulfuric Acid
Haz Component 1 - EHS?: Y
Haz Component 1 - CAS Number: 7664-93-9
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported

Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Motor Oil
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 0.25
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 15
Maximum Daily Amount Containing a Hazardous Material: 32
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N

Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 70
Haz Component 1 - Component Name: Hydrotreated Heavy Paraffinic Petroleum Distillates
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 64742-54-7
Haz Component 2 - Percent by Weight: 70
Haz Component 2 - Component Name: Solvent-Dewaxed Heavy Paraffinic Distillate
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 64742-65-0
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Removable Thread Locker
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported

DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 1
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a

Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 65
Haz Component 1 - Component Name: Polyglycol Dimethacrylate
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 25852-475
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Polyglycol oleate
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 9004-96-0
Haz Component 3 - Percent by Weight: 5
Haz Component 3 - Component Name: Sacchavin
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 81-07-02
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Cumene hydroperoxide
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 80-15-9
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Used Lead Acid Batteries
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 1.5
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N

Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 1.5
Maximum Daily Amount Containing a Hazardous Material: 1.5
Estimate of Annual Amount Handled: 36
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: Batteries
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 40
Haz Component 1 - Component Name: Sulfuric Acid
Haz Component 1 - EHS?: Y
Haz Component 1 - CAS Number: 7664-93-3
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N

Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Used Motor Oil
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 250
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 60
Maximum Daily Amount Containing a Hazardous Material: 125
Estimate of Annual Amount Handled: 250
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: Y
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N

Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 70
Haz Component 1 - Component Name: Hydrotreated Heavy Paraffinic Petroleum Distillates
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 64742-54-7
Haz Component 2 - Percent by Weight: 70
Haz Component 2 - Component Name: Solvent-Dewaxed Heavy Paraffinic Distillate
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 64742-65-0
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Waste Antifreeze
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported

Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 8
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 8
Maximum Daily Amount Containing a Hazardous Material: 8
Estimate of Annual Amount Handled: 30
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: Y
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 50
Haz Component 1 - Component Name: Ethylene Glycol
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 107-21-1
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported

Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Zep Battery Coat
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 4
Maximum Daily Amount Containing a Hazardous Material: 4
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N

Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 50
Haz Component 1 - Component Name: TRICHLOROETHANE
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 71-55-6
Haz Component 2 - Percent by Weight: 5
Haz Component 2 - Component Name: ETHYLENE GLYCOL MONOBUTYL ETHER
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 111-76-2
Haz Component 3 - Percent by Weight: 15
Haz Component 3 - Component Name: XYLENE
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 1330-20-7
Haz Component 4 - Percent by Weight: 30
Haz Component 4 - Component Name: BLEND OF ISOBUTANE AND BUTANE
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 75-28-5
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Zep Brake Wash
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported

DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 6
Maximum Daily Amount Containing a Hazardous Material: 6
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a

Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 80
Haz Component 1 - Component Name: HEXANE
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 110-54-3
Haz Component 2 - Percent by Weight: 15
Haz Component 2 - Component Name: ISOPROPYL ALCOHOL
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 67-63-0
Haz Component 3 - Percent by Weight: 5
Haz Component 3 - Component Name: METHANOL
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 67-56-1
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Rear Shop Building
Chemical Name: Not Reported
Common Chemical Name: Zep Fast Gasket
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N

Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 1
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: Not Reported
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 10
Haz Component 1 - Component Name: Hydrotreated middle petroleum distillates
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 64742-46-7
Haz Component 2 - Percent by Weight: 10
Haz Component 2 - Component Name: SILICA, AMORPHOUS
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 7631-86-9
Haz Component 3 - Percent by Weight: 5
Haz Component 3 - Component Name: ETHYLTRIACETOXYSILANE,
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 17689-77-9
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N

Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: (510) 843-4521
Fax Number: Not Reported
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: 0
NAICS Code: Not Reported
Mailing Address: 3058 Shattuck Ave
Mailing Address City: Berkeley
Mailing Address State Code: CA
Mailing Address Zip Code: 94705
Operator Name: Alan Cartwright
Operator Phone Number: (510) 843-4521
Owner Name: Alan Cartwright
Owner Phone: (510) 843-4521
Owner Mailing Address: 3058 Shattuck Ave
Owner City: Berkeley
Owner State: CA
Owner Zip Code: 94705
Owner Country: United States
Environmental Contact Name: Alan Cartwright
Environmental Contact Phone Number: (510) 843-4521
Environmental Contact Mailing Address: 3058 SHATTUCK AVE
Environmental Contact Email Address: motorcityautomotive@gmail.com
Environmental Contact City: Berkeley
Environmental Contact State: CA
Environmental Contact Zip: 94705
Environmental Contact Country: United States
Primary Emergency Contact Name: Alan Cartwright
Primary Emergency Contact Title: Owner/Operator
Primary Emergency Contact Business Phone Number: (510) 843-4521
Primary Emergency Contact 24Hr Phone: (510) 843-4521
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Not Reported
Secondary Emergency Contact Title: Not Reported
Secondary Emergency Contact Business Phone: Not Reported
Secondary Emergency Contact 24Hr Phone: Not Reported
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Alan Cartwright
Identification Signer Name: Alan Cartwright

Identification Signer Title: Owner/Operator
Billing Contact Name: Alan Cartwright
Billing Contact Phone: (510) 843-4521
Billing Contact Email: motorcityautomotive@gmail.com
Billing Address: 3058 SHATTUCK AVE
Billing City: Berkeley
Billing State: CA
Billing Zip: 94705
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: CAD981573025
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): Y
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 1/31/2017 12:33:01 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 1/30/2017 7:26:39 PM
BP Owner/Operator Last Updated Date: 1/30/2017 7:27:34 PM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: 11/7/2016
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85322
Agency Provided Longitude: -122.26631
Horizontal Accuracy: 150
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:06:12 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 11/7/2016
Facility Info Last Submitted Date: 1/31/2017 12:33:01 PM
Facility Info Accepted Date: 2/28/2017 2:15:22 PM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 11/7/2016
Inventory Last Submitted Date: 1/31/2017 12:33:01 PM
Inventory Last Accepted Date: 2/28/2017 2:15:31 PM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: Not Reported
ER Training Last Submitted Date: 1/31/2017 12:33:01 PM
ER Training Last Accepted Date: 2/28/2017 2:15:44 PM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported

CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
EPA ID: CAD981573025
RCRA LQG: No
Violation Date: 1/27/2017
Violation Type Number: 1010002
Class: Class 2
Scheduled Return to Compliance Date: 2/26/2017
Actual Return to Compliance Date: 2/28/2017
Actual Return to Compliance Qualifier: Documented
Violation Comment: 2016 submittal not completed.
Violation Category: Administration/Documentation
Violation Name: Hazardous Materials Business Plan Submittal
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Citation(s): HSC 6.95 25505, 25508(a)(1)

Violation Date: 4/14/2016
Violation Type Number: 1010008
Class: Minor
Scheduled Return to Compliance Date: 5/9/2016
Actual Return to Compliance Date: 5/10/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: Not Reported
Violation Category: Administration/Documentation
Violation Name: Annual Review / Certification
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Citation(s): HSC 6.95 25508(c), 25508.2

AST, HMRRP & UST Inspection Information
EPA ID: CAD981573025
RCRA LQG: No
Inspection Date: 1/27/2017
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 1
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 2/28/2017
Days Out of Compliance: 32
Violation Details Available: Yes
Inspection Comments: Routine HMBP, HW and Storm water unannounced inspection. 2016 CERS submittal not complete,

violation noted. Used Motor oil label needs to be re labeled, the current label is not completely legible.

Inspection Date: 4/14/2016
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: Not Reported
Date Returned to Compliance: 5/10/2016
Days Out of Compliance: 26
Violation Details Available: Yes
Inspection Comments: Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (XD)

Inspection Date: 3/12/2014
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 1209
Violation Details Available: No
Inspection Comments: Hazardous Waste disposal records were available for review. All haz waste containers were labeled properly start accumulation date. The owner is the only one who works there. HMBP needs to revise the dates.

AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.13 miles S	142 ft (2 ft lower than site)	**21**
SITE NAME			**MAPS**	**ID**
Alan Cartwright			1,2,4	10196104-BC
ADDRESS			**CITY**	**ZIP**
3058 Shattuck AVE			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196104
Owner Name: MOTOR CITY AUTOMOTIVE

Owner Address: 3058 Shattuck Ave
Owner City: Berkeley
Owner State: CA
Owner Zip: 94705
Mailing Address: 3058 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21

SITE NAME	MAPS	ID
MOTOR CITY AUTOMOTIVE	1,2,4	191853

ADDRESS	CITY	ZIP
3058 SHATTUCK AVE	BERKELEY	94709

DETAILS

Site Regulated Program Information
Site ID: 191853
Site EI ID: T0600100944
Agency Provided Latitude: 37.853285
Agency Provided Longitude: -122.266251

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information

: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21

SITE NAME	MAPS	ID
MOTOR CITY AUTOMOTIVE	1,2,4	136495

ADDRESS	CITY	ZIP
3058 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 136495
Site EI ID: 10196104
Agency Provided Latitude: 37.85322
Agency Provided Longitude: -122.266307

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 1/27/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine HMBP, HW and Storm water unannounced inspection. 2016 CERS submittal not complete, violation noted. Used Motor oil label needs to be re labeled, the current label is not completely legible.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 1/27/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine HMBP, HW and Storm water unannounced inspection. 2016 CERS submittal not complete, violation noted. Used Motor oil label needs to be re labeled, the current label is not completely legible.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 4/14/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (XD)
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/12/2014
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Hazardous Waste disposal records were available for review. All haz waste containers were labeled properly start accumulation date. The owner is the only one who works there. HMBP needs to revise the dates.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/12/2014
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Hazardous Waste disposal records were available for review. All haz waste containers were labeled properly start accumulation date. The owner is the only one who works there. HMBP needs to revise the dates.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Violation Information
Violation Date: 1/27/2017
Citation: HSC 6.5 25244.19 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.19
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Note(s): Returned to compliance on 05/08/2017.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 1/27/2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Note(s): Returned to compliance on 02/28/2017. 2016 submittal not completed.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 4/14/2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Note(s): Returned to compliance on 05/10/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196104
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.853220
Agency Provided Longitude: -122.266310

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.13 miles S	142 ft (2 ft lower than site)	**21**

SITE NAME	MAPS	ID
MOTOR CITY AUTOMOTIVE	1,2,4	518867-PD

ADDRESS	CITY	ZIP
3058 SHATTUCK AVE	BERKELEY	94705-1859

DETAILS

Listing Year: 1997
SIC Category: AUTOMOBILE REPAIRING & SERVICE
SIC Code: 753801

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-LUSTIS-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMATIVE			1,2,4	284951
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94709
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMATIVE			1,2,4	284951
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94709
DETAILS				
Reported Date: 1998 List: Region #2-San Francisco Bay Fuel Leaks List Agency: Regional Water Quality Control Board, Region #2				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.13 miles S	142 ft (2 ft lower than site)	21
SITE NAME			**MAPS**	**ID**
MOTOR CITY AUTOMOTIVE			1,2,4	T0600100944
ADDRESS			**CITY**	**ZIP**
3058 SHATTUCK AVE			BERKELEY	94709
DETAILS				

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100944
Global ID: T0600100944
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 8/16/1999
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1023
Loc Case Number: 01-1023
File Location: Not Reported
Potential Contaminants of Concern: Diesel
Potential Media Affected: Soil
Begin Date: 5/1/1990
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8532851
Agency Provided Longitude: -122.2662518

Regulatory Activities Details
Action Date: 1990-05-01 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1990-05-01 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1990-05-01 00:00:00
Action Type: Other
Action: Leak Stopped

Status History Details
Status Date: 1999-08-16 00:00:00
Status: Completed - Case Closed

Status Date: 1996-09-27 00:00:00
Status: Open - Site Assessment

Status Date: 1990-05-01 00:00:00
Status: Open - Case Begin Date

Contact Details

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.13 miles S	142 ft (2 ft lower than site)	21

SITE NAME	MAPS	ID
MOTOR CITY AUTOMOTIVE	1,2,4	CAD981573025

ADDRESS	CITY	ZIP
3058 SHATTUCK AVE	BERKELEY	94705

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD981573025
Source Type: Notification
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
NAICS1: GENERAL AUTOMOTIVE REPAIR
Active Site Indicator: H----
Owner Name: ALAN CARTWRIGHT
Operator Name: NOT REQUIRED
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N

Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 19860930
Acknowledge Flag Date: 19910331
Contact First Name: ENVIRONMENTAL
Contact Last Name: MANAGER

Contact Street 1: 3058 SHATTUCK AVE
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94705
Contact Country: US
Contact Phone: 415-415-8937
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.13 miles N	150 ft (6 ft higher than site)	22

SITE NAME	MAPS	ID
DIRECT LINE TELERESPONSE	1,2,4	10196839

ADDRESS	CITY	ZIP
2847 SHATTUCK AVE	BERKELEY	94705

DETAILS

General Program & Facility Information
CERS ID: 10196839
Facility ID: Not Reported
Facility Regulator Key ID: FA0000776
Organization Code: 90167473
Business/Organization Name: DIRECT LINE TELERESPONSE
Multiple Jurisdictional Business? (Y/N): No

Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 12/12/2016 5:32:22 PM
Count of Submitted Elements: 11
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): ALA-053-1686020
Number of Employees: 40
Property Owner Name: kenneth goldenberg
Property Owner Phone Number: 5108433900
Property Owner Mailing Address: 2847 SHATTUCK AVE
Property Owner Mailing City: BERKELEY
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: 94705
Property Owner Mailing Country: United States

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 3/16/2016
Hazardous Waste Generator (HW) Last Inspection Date: Not Reported
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
: Not Reported
Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: (510) 843-3900
Fax Number: Not Reported
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: 0
NAICS Code: Not Reported
Mailing Address: 2847 SHATTUCK AVE
Mailing Address City: BERKELEY

Mailing Address State Code: CA
Mailing Address Zip Code: 94705
Operator Name: kenneth goldenberg
Operator Phone Number: 9253306355
Owner Name: kenneth goldenberg
Owner Phone: 9253306355
Owner Mailing Address: 2847 SHATTUCK AVE
Owner City: BERKELEY
Owner State: CA
Owner Zip Code: 94705
Owner Country: United States
Environmental Contact Name: kenneth goldenberg
Environmental Contact Phone Number: 5108433900
Environmental Contact Mailing Address: 2847 SHATTUCK AVE
Environmental Contact Email Address: keng@directlineanswers.com
Environmental Contact City: BERKELEY
Environmental Contact State: CA
Environmental Contact Zip: 94705
Environmental Contact Country: United States
Primary Emergency Contact Name: kenneth goldenberg
Primary Emergency Contact Title: president
Primary Emergency Contact Business Phone Number: 5108433900
Primary Emergency Contact 24Hr Phone: 9253306355
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: rachelle goldenberg
Secondary Emergency Contact Title: Not Reported
Secondary Emergency Contact Business Phone: Not Reported
Secondary Emergency Contact 24Hr Phone: 9256818449
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: kenneth goldenberg
Identification Signer Name: kenneth goldenberg
Identification Signer Title: president
Billing Contact Name: kenneth goldenberg
Billing Contact Phone: 9253306355
Billing Contact Email: Not Reported
Billing Address: 2847 SHATTUCK AVE
Billing City: BERKELEY
Billing State: CA
Billing Zip: 94705
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: Not Reported
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N

Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): N
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 12/12/2016 5:32:22 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 12/12/2016 5:12:53 PM
BP Owner/Operator Last Updated Date: 12/12/2016 5:12:53 PM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: Not Reported
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85698
Agency Provided Longitude: -122.2664
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:07:00 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: Not Reported
Facility Info Last Submitted Date: 12/12/2016 5:32:22 PM
Facility Info Accepted Date: 12/20/2016 7:59:36 AM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: Not Reported
Inventory Last Submitted Date: 12/12/2016 3:38:43 PM
Inventory Last Accepted Date: 12/21/2016 8:57:00 AM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 1/12/2017
ER Training Last Submitted Date: 12/12/2016 5:32:22 PM
ER Training Last Accepted Date: 12/20/2016 8:01:20 AM
UST Regulator Code: 6120

UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
EPA ID: Not Reported
RCRA LQG: No
Violation Date: 3/16/2016
Violation Type Number: 1010001
Class: Minor
Scheduled Return to Compliance Date: 4/15/2016
Actual Return to Compliance Date: 5/2/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: needs to submit HMBP via CERS for 2016

Violation Category: Administration/Documentation
Violation Name: Hazardous Materials Business Plan Implementation
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Citation(s): HSC 6.95 25507

AST, HMRRP & UST Inspection Information
EPA ID: Not Reported
RCRA LQG: No
Inspection Date: 3/16/2016
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 5/2/2016
Days Out of Compliance: 47
Violation Details Available: Yes
Inspection Comments: Needs to submit 2016 HMBP via CERS. Diesel belly tank for back up generator. Diesel generator tested on a weekly basis. Fire Ext located inside the building. Spill cleanup absorbent available for use.

AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.13 miles N	150 ft (6 ft higher than site)	22

SITE NAME	MAPS	ID
kenneth goldenberg	1,2,4	10196839-BC

ADDRESS	CITY	ZIP
2847 Shattuck AVE	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196839
Owner Name: DIRECT LINE TELERESPONSE
Owner Address: 2847 SHATTUCK AVE
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705

Mailing Address: 2847 SHATTUCK AVE
Mailing City/State/Zip: BERKELEY, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.13 miles N	150 ft (6 ft higher than site)	22

SITE NAME	MAPS	ID
DIRECT LINE TELERESPONSE	1,2,4	25345

ADDRESS	CITY	ZIP
2847 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 25345
Site EI ID: 10196839
Agency Provided Latitude: 37.856976
Agency Provided Longitude: -122.266396

Program Description: Chemical Storage Facilities

Evaluation Information
Evaluation Date: 3/16/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Needs to submit 2016 HMBP via CERS. Diesel belly tank for back up generator. Diesel generator tested on a weekly basis. Fire Ext located inside the building. Spill cleanup absorbent available for use.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Violation Information
Violation Date: 3/16/2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous

material at or above reportable quantities.

Violation Note(s): Returned to compliance on 05/02/2016. needs to submit HMBP via CERS for 2016
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196839
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.856980
Agency Provided Longitude: -122.266400

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-SSO-CA	Listed	0.13 miles NE	159 ft (15 ft higher than site)	23

SITE NAME	MAPS	ID
2916 wheeler	1,2,4	827500

ADDRESS	CITY	ZIP
Not Reported by Agency		

DETAILS

Facility and Program Information
Note I: This database contains private lateral sewage discharges contained in the State Water Resources Control Board’s SSO database. All of the information collected in the SSO database is entered by enrollees.
Note II: State and Regional Water board staff cannot enter or modify any information in the SSO database.
SSO Status: Active
Step: Certified
Spill Created Date: 8/24/2016
Draft Submit Date: 8/24/2016
Original Certified Date: 9/10/2016
SSO Number Appear Points: 1
SSO Storm Associated: No

Reason Investigate: Not Reported
SSO If Impact Beach: Not Reported
SSO Volume Method: Not Reported
SSO Operator Name: jesus sandaval
SSO Operator Phone: 5109816676
Agency Provided Latitude: 37.85639
Agency Provided Longitude: -122.265

Additional Information
Event ID: 827500
Certificate ID: 291268
Region: 2
County: Alameda
Agency: Berkeley City of Public Works
Collection SYS: Berkeley City Public Works CS
WDID: 2SSO10096
Certificate Person Name: jsandoval
Certificate Person Title: Sr. Public Works Supervisor
Certificate Location: COB
Certificate Date: 2016.10.27 00.00.00
Spill Location Description: Not Reported
Spill Type: Category 3
Appear PT: Lateral Clean Out (Private)
Appear PT Explanation: home owners private lateral
Reach Surface: No
reach Storm Drainpipe: No
Return To SSS: Not Applicable - Spill did not reach a separate storm drainpipe
Privt Latrl Spill: No
Responsible Party: Not Reported
Final Spill Dest: Unpaved surface
Final Spill Dest Explanation: neighbors yard
Spill Volume Reached Land: 20
Spill Volume Discharge A: 0
Spill Volume Discharge B: 0
Spill Volume Discharge C: 0
Spill Volume Discharge D: 0
Spill Volume Discharge E: 0
Spill Volume Discharge F: 0
Spill Volume Discharge G: 20
Spill Volume Discharge H: 0
Spill Volume: 20
Spill Volume Recover: 0
Spill Volume reach Surf: 0
Spill Rate: 1
Start Date: 2016.08.24 05.43.00
Agency Notify Date: 2016.08.24 05.47.00
Operator Approval Date: 2016.08.24 06.04.00
Est End Date: 2016.08.24 07.00.00
Spill Cause: Debris from Construction

Spill Cause explanation: Not Reported
Place Of Failure Occur: Gravity Mainline
Place Of Failure Occur Explanation: Not Reported
Size Of Storm: Not Reported
Diameter Of Sewer: 0
Material Of Sewer Pipe: Not Reported
Age of Sewer Pipe: 0
Description Of Terrain: Not Reported
Response Activities: Not Reported
Response Activities Explanation: Not Reported
Response Complete Date: Not Reported
Visual Inspect Result: Not Reported
Health Warning Post: Not Reported
Beach Impact: Not Reported
Surface Water Impact:
Ongoing Investigate: Not Reported
Sample Analyzed For: Not Reported
Sample Analyzed For Explanation: Not Reported
Sample Reported To: Not Reported
Sample Reported To Explanation: Not Reported
Corrective Action: Not Reported
Response for Corrective Action Taken: NA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-SSO-CA	Listed	0.13 miles S	139 ft (5 ft lower than site)	24
SITE NAME			**MAPS**	**ID**
2025 Prince st.			1,2,4	853932
ADDRESS			**CITY**	**ZIP**
2025 Prince st.				

DETAILS

Facility and Program Information
Note I: This database contains private lateral sewage discharges contained in the State Water Resources Control Board’s SSO database. All of the information collected in the SSO database is entered by enrollees.
Note II: State and Regional Water board staff cannot enter or modify any information in the SSO database.
SSO Status: Active
Step: Certified
Spill Created Date: 12/4/2018
Draft Submit Date: 12/21/2018

Original Certified Date: 12/21/2018
SSO Number Appear Points: 4
SSO Storm Associated: No
Reason Investigate: Not Reported
SSO If Impact Beach: Not Reported
SSO Volume Method: Not Reported
SSO Operator Name: Chris Greig smas
SSO Operator Phone: 5109816478
Agency Provided Latitude: 37.85318
Agency Provided Longitude: -122.26692

Additional Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.14 miles N	145 ft (1 ft higher than site)	25

SITE NAME	MAPS	ID
BERKELEY BOWL PRODUCE INC.	1,2,4	10196722

ADDRESS	CITY	ZIP
2020 OREGON ST	BERKELEY	94703

DETAILS

General Program & Facility Information
CERS ID: 10196722
Facility ID: Not Reported
Facility Regulator Key ID: FA0000637
Organization Code: 90167356
Business/Organization Name: BERKELEY BOWL PRODUCE INC.
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 2/10/2017 10:25:50 AM
Count of Submitted Elements: 11
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: CARRIE ESTADT

Facility Specific Information

Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Glenn Yasuda
Property Owner Phone Number: (510)843-6929
Property Owner Mailing Address: 2020 OREGON ST
Property Owner Mailing City: BERKELEY
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: 94703
Property Owner Mailing Country: United States

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 6/27/2016
Hazardous Waste Generator (HW) Last Inspection Date: Not Reported
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
Chemical Location: HMS Area
Chemical Name: Sodium Carbonate
Common Chemical Name: Apex Power machine Warewashing Detergent
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 497-19-8
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 5
Fire Haz Category - Fire?: Y

Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 10
Maximum Daily Amount Containing a Hazardous Material: 15
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: Y
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Sodium Carbonate
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 497-19-8
Haz Component 2 - Percent by Weight: 5
Haz Component 2 - Component Name: Sodium Metasilicate
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 6834-92-0
Haz Component 3 - Percent by Weight: 5
Haz Component 3 - Component Name: PPG-5-LAURETH-5
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 68439-51-0
Haz Component 4 - Percent by Weight: 5
Haz Component 4 - Component Name: troclosene sodium,dihydrate
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 51580-86-0
Haz Component 5 - Percent by Weight: 5

Haz Component 5 - Component Name: phosphonic acid,(1-hydroxyethylidene)bis-,potassium salt
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: 67953-76-8
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: HMS Areas,Meat Seafood and Kitchen Depts.
Chemical Name: Sodium Dodecylbenzenesulfonate
Common Chemical Name: Oasis 137 Orange Force
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 25155-30-0
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 5
Maximum Daily Amount Containing a Hazardous Material: 10
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N

Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: Y
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 6
Haz Component 1 - Component Name: Sodium Dodecylbenzenesulfonate
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 25155-30-0
Haz Component 2 - Percent by Weight: 5
Haz Component 2 - Component Name: poly(oxy-1,2-ethanediyl,alpha.-sulfo-.omega.-hydroxy-,c10-16-alkyl ethers,sodiumsalts
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 68585-34-2
Haz Component 3 - Percent by Weight: 5
Haz Component 3 - Component Name: Limonene
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 5989-27-5
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Machine Room
Chemical Name: chlorodiflouromethane
Common Chemical Name: R-22
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported

Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 2000
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 750
Maximum Daily Amount Containing a Hazardous Material: 1300
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: Not Reported
Storage Container - Aboveground Tank?: Y
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N

Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving Area
Chemical Name: Propane
Common Chemical Name: Flammable liquefied gas
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 74-98-6
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 261.8182
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 261.8182
Maximum Daily Amount Containing a Hazardous Material: 523.6364
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365

Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: 3/1/2016
Ending Date: 3/1/2017

Phone Number: (510) 843-6929
Fax Number: (510)843-6312
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: 96232624
SIC Code: 5411
NAICS Code: 445110
Mailing Address: 2020 Oregon Street
Mailing Address City: Berkeley
Mailing Address State Code: CA
Mailing Address Zip Code: 94703
Operator Name: Glenn Yasuda
Operator Phone Number: (510)843-6929
Owner Name: Glenn Yasuda
Owner Phone: (510)843-6929
Owner Mailing Address: 2020 Oregon Street
Owner City: Berkeley
Owner State: CA
Owner Zip Code: 94703
Owner Country: United States
Environmental Contact Name: Emese Danko
Environmental Contact Phone Number: (510)843-6929
Environmental Contact Mailing Address: 2020 OREGON ST
Environmental Contact Email Address: edanko@berkeleybowl.com
Environmental Contact City: BERKELEY
Environmental Contact State: CA
Environmental Contact Zip: 94703
Environmental Contact Country: United States
Primary Emergency Contact Name: Steve Tsujimoto
Primary Emergency Contact Title: General Manager
Primary Emergency Contact Business Phone Number: (510)898-9555
Primary Emergency Contact 24Hr Phone: (925)7873878
Primary Emergency Contact Pager Number: NA
Secondary Emergency Contact Name: Emese Danko
Secondary Emergency Contact Title: Store Manager
Secondary Emergency Contact Business Phone: (510)843-6929
Secondary Emergency Contact 24Hr Phone: (510)725-0346
Secondary Emergency Contact Pager Number: NA
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Maureen Jung
Identification Signer Name: Emese Danko
Identification Signer Title: Store Manager - Oregon Street
Billing Contact Name: Kai Huey
Billing Contact Phone: (510)898-9572
Billing Contact Email: KHuey@berkeleybowl.com
Billing Address: 920 HEINZ AVE
Billing City: BERKELEY
Billing State: CA
Billing Zip: 94710

Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: Not Reported
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): N
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 2/10/2017 10:25:50 AM
Submittal Action: Accepted
BP Activities Last Updated Date: 1/23/2017 12:38:43 PM
BP Owner/Operator Last Updated Date: 1/26/2017 12:28:41 PM
Submittal Action Comment 1: Thank you for your annual HMBP submittal for FY18. If there are any changes in the information provided, please make sure to update your submittal within 30 days of that change. Please note, the information in this HMBP submittal is also subject to field inspection verification which is to be scheduled in accordance with the UPAs existing inspection schedule.
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: 3/1/2018
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85707
Agency Provided Longitude: -122.2674
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:06:53 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 3/1/2018
Facility Info Last Submitted Date: 2/10/2017 10:25:50 AM

Facility Info Accepted Date: 3/7/2017 1:31:29 PM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 3/1/2018
Inventory Last Submitted Date: 2/10/2017 10:25:50 AM
Inventory Last Accepted Date: 3/7/2017 1:31:37 PM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 3/1/2018
ER Training Last Submitted Date: 2/10/2017 10:25:50 AM
ER Training Last Accepted Date: 3/7/2017 1:31:43 PM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported

Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
: Not Reported
AST, HMRRP & UST Inspection Information
EPA ID: Not Reported
RCRA LQG: No
Inspection Date: 6/27/2016
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 371
Violation Details Available: No
Inspection Comments: HMBP submitted in CERS 2/24/16. the secondary emergency contact has changed recently. Updated this date. Confirmed inventory and site map as well as training.Eyewash station in receiving is inaccessible. TMD recommends making area more available. Propane cylinders are best maintained restrained. TMD can provide guidance.

Inspection Date: 1/17/2014
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 1263
Violation Details Available: No
Inspection Comments: Inventory is consistent with observed. Training current. Facility no longer uses CO2. Advised to revise submittals.

AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.14 miles N	145 ft (1 ft higher than site)	25
SITE NAME			**MAPS**	**ID**
Glenn Yasuda			1,2,4	10196722-BC
ADDRESS			**CITY**	**ZIP**
2020 Oregon ST			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196722
Owner Name: BERKELEY BOWL PRODUCE INC.
Owner Address: 2020 OREGON ST
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94703
Mailing Address: 2020 Oregon Street
Mailing City/State/Zip: Berkeley, CA 94703
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.14 miles N	145 ft (1 ft higher than site)	25

SITE NAME	MAPS	ID
BERKELEY BOWL PRODUCE INC.	1,2,4	387767

ADDRESS	CITY	ZIP
2020 OREGON ST	BERKELEY	94703

DETAILS

Site Regulated Program Information
Site ID: 387767
Site EI ID: 10196722
Agency Provided Latitude: 37.857071
Agency Provided Longitude: -122.267395

Program Description: Chemical Storage Facilities

Evaluation Information
Evaluation Date: 6/27/2016
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): HMBP submitted in CERS 2/24/16. the secondary emergency contact has changed recently. Updated this date. Confirmed inventory and site map as well as training. Eyewash station in receiving is inaccessible. TMD recommends

making area more available. Propane cylinders are best maintained restrained. TMD can provide guidance.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 1/17/2014
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Inventory is consistent with observed. Training current. Facility no longer uses CO2. Advised to revise submittals.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196722
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.857070
Agency Provided Longitude: -122.267400

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.15 miles SE	153 ft (9 ft higher than site)	26
SITE NAME			**MAPS**	**ID**
SUSAN GARDNER			1,2,4	CAC002971181
ADDRESS			**CITY**	**ZIP**
2134 ESSEX ST.			BERKELEY	94705
DETAILS				

Additional details may be found online using the following link:

https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC002971181
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES
Active Site Indicator: H----
Owner Name: SUSAN WATSON
Operator Name: SUSAN GARDNER
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: Y
Universal Waste Destination Facility: Y
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N

Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20180717
Acknowledge Flag Date: 20180717
Contact First Name: SUSAN
Contact Last Name: GARDNER
Contact Street 1: 2134 ESSEX ST.
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94705
Contact Phone: 510-914-6330
Contact E-mail Address: KBARBOSA@MGREMEDIATION.COM
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: Y
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-SSO-CA	Listed	0.15 miles E	164 ft (20 ft higher than site)	27
SITE NAME			**MAPS**	**ID**
Ashby Ave			1,2,4	656012
ADDRESS			**CITY**	**ZIP**

2305 Ashby Avenue	Berle;ey	94704

DETAILS

Facility and Program Information
Note I: This database contains private lateral sewage discharges contained in the State Water Resources Control Board's SSO database. All of the information collected in the SSO database is entered by enrollees.
Note II: State and Regional Water board staff cannot enter or modify any information in the SSO database.
SSO Status: Active
Step: Certified
Spill Created Date: 8/17/2007
Draft Submit Date: Not Reported
Original Certified Date: 8/17/2007
SSO Number Appear Points: Not Reported
SSO Storm Associated: Not Reported
Reason Investigate: Not Reported
SSO If Impact Beach: Not Reported
SSO Volume Method: Not Reported
SSO Operator Name: Not Reported
SSO Operator Phone: Not Reported
Agency Provided Latitude: 37.855833
Agency Provided Longitude: -122.264167

Additional Information
Event ID: 656012
Certificate ID: 928733
Region: 2
County: Alameda
Agency: Berkeley City of Public Works
Collection SYS: Berkeley City Public Works CS
WDID: 2SSO10096
Certificate Person Name: Undra Brown
Certificate Person Title: Senior PW Supervisor
Certificate Location: Berkeley, Ca
Certificate Date: 2007.08.17 00.00.00
Spill Location Description: City clean-out
Spill Type: Category 3
Appear PT: Other sewer system structure
Appear PT Explanation: clean-out in parking strip
Reach Surface: No
reach Storm Drainpipe: No
Return To SSS: Not Applicable - Spill did not reach storm drainpipe
Privt Latrl Spill: No
Responsible Party: Not Reported
Final Spill Dest: Street/curb and gutter
Final Spill Dest Explanation: gutter
Spill Volume Reached Land: 0
Spill Volume Discharge A: 0
Spill Volume Discharge B: 0

Spill Volume Discharge C: 0
Spill Volume Discharge D: 0
Spill Volume Discharge E: 0
Spill Volume Discharge F: 0
Spill Volume Discharge G: 0
Spill Volume Discharge H: 0
Spill Volume: 10
Spill Volume Recover: 7
Spill Volume reach Surf: 0
Spill Rate: 0
Start Date: 2007.05.07 10.00.00
Agency Notify Date: 2007.05.07 10.15.00
Operator Approval Date: 2007.05.07 10.30.00
Est End Date: 2007.05.07 10.45.00
Spill Cause: Debris
Spill Cause explanation: Debris and paper build up
Place Of Failure Occur: Not Reported
Place Of Failure Occur Explanation: Not Reported
Size Of Storm: Not Reported
Diameter Of Sewer: 4
Material Of Sewer Pipe: clay
Age of Sewer Pipe: 0
Description Of Terrain: Flat
Response Activities: Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Response Activities Explanation: Not Reported
Response Complete Date: Not Reported
Visual Inspect Result: N/A
Health Warning Post: Not Reported
Beach Impact: Not Reported
Surface Water Impact:
Ongoing Investigate: Not Reported
Sample Analyzed For: Not Reported
Sample Analyzed For Explanation: Not Reported
Sample Reported To: Not Reported
Sample Reported To Explanation: Not Reported
Corrective Action: Not Reported
Response for Corrective Action Taken: NA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.15 miles E	164 ft (20 ft higher than site)	**28**
SITE NAME			**MAPS**	**ID**
S.F. Bay Area Rapid Transit District			1,2,4	10196518-BC

ADDRESS	CITY	ZIP
2160 Ashby AVE	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196518
Owner Name: BART BERKELEY SUBSTATION (RBE)
Owner Address: P.O. Box 12688 M/S LKS-18
Owner City: OAKLAND
Owner State: CA
Owner Zip: 94604-2688
Mailing Address: P.O. Box 12688 M/S LKS-18
Mailing City/State/Zip: Oakland, CA 94604-2688
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.15 miles S	142 ft (2 ft lower than site)	**29**

SITE NAME	MAPS	ID
Mehrdad Naima	1,2,4	10761337-BC

ADDRESS	CITY	ZIP
3101 Shattuck Ave	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10761337
Owner Name: Starry Plough
Owner Address: 3101 Shattuck Ave
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 3101 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.15 miles S	142 ft (2 ft lower than site)	29

SITE NAME	MAPS	ID
Starry Plough	1,2,4	436631

ADDRESS	CITY	ZIP
3101 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 436631
Site EI ID: 10761337
Agency Provided Latitude: 37.85298
Agency Provided Longitude: -122.26591

Program Description: Chemical Storage Facilities

Evaluation Information
Evaluation Date: 5/23/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): This was The Starry Plough's first inspection in the CUPA program. One cylinder could have ducked under the restraint if it fell in a certain direction - make sure that the restraints are effective. HMBP submitted and accepted. Fire extinguisher servicing due by the end of this month, training performed and records maintained, cylinders secured - satisfactory. DA
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/20/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Violation Information
Violation Date: 3/20/2018

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Note(s): Returned to compliance on 04/25/2018. Facility stores above-threshold amounts of compressed gases - Nitrogen - 210 cu ft, CO2N - 60 cu ft, CO2 - 960 cu ft. Facility has not submitted a CERS registration. Submit Registration within 30 days. 4/25/18 - Completed CERS in office with Owner. RTC received. Discussed training requirement and documentation. Plan is to inspection within 90 days. DA
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10761337
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.852980
Agency Provided Longitude: -122.265910

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.16 miles N	151 ft (7 ft higher than site)	30

SITE NAME	MAPS	ID
ELMWOOD NURSING & REHAB	1,2,4	10196890

ADDRESS	CITY	ZIP
2829 SHATTUCK AVE	BERKELEY	94705

DETAILS

General Program & Facility Information
CERS ID: 10196890
Facility ID: Not Reported
Facility Regulator Key ID: FA0000825
Organization Code: 90167524
Business/Organization Name: ELMWOOD NURSING & REHAB
Multiple Jurisdictional Business? (Y/N): No

Business Origin: Seeding
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 7/5/2017 11:40:59 AM
Count of Submitted Elements: 7
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 3/15/2017
Hazardous Waste Generator (HW) Last Inspection Date: Not Reported
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
: Not Reported
Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: (510) 665-2800
Fax Number: Not Reported
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: 0
NAICS Code: Not Reported
Mailing Address: 2829 Shattuck Avenue
Mailing Address City: Berkeley

Mailing Address State Code: CA
Mailing Address Zip Code: 94705
Operator Name: Elmwood Nursing & Rehab
Operator Phone Number: 510665-2800
Owner Name: Pat Poddatoori
Owner Phone: 5106652800
Owner Mailing Address: 2829 Shattuck Avenue
Owner City: Berkeley
Owner State: CA
Owner Zip Code: 94705
Owner Country: United States
Environmental Contact Name: Terry McGregor
Environmental Contact Phone Number: 5106552880
Environmental Contact Mailing Address: 2829 SHattuck Avenue
Environmental Contact Email Address: Not Reported
Environmental Contact City: Berkeley
Environmental Contact State: CA
Environmental Contact Zip: 94705
Environmental Contact Country: United States
Primary Emergency Contact Name: Terry McGregor
Primary Emergency Contact Title: Exceutive Vice President
Primary Emergency Contact Business Phone Number: 5106778220
Primary Emergency Contact 24Hr Phone: 5106658200
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Not Reported
Secondary Emergency Contact Title: Not Reported
Secondary Emergency Contact Business Phone: Not Reported
Secondary Emergency Contact 24Hr Phone: Not Reported
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Not Reported
Identification Signer Name: Not Reported
Identification Signer Title: Not Reported
Billing Contact Name: Terry McGregor
Billing Contact Phone: 5106778220
Billing Contact Email: terry.mcgregor@hycare.net
Billing Address: 2829 Shattuck Avenue
Billing City: Berkeley
Billing State: CA
Billing Zip: 94705
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: Not Reported
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N

Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): N
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 7/5/2017 11:40:59 AM
Submittal Action: Accepted
BP Activities Last Updated Date: 7/5/2017 11:36:38 AM
BP Owner/Operator Last Updated Date: 7/5/2017 11:37:14 AM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: 5/20/2017
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85742
Agency Provided Longitude: -122.2663
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:07:03 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 5/20/2017
Facility Info Last Submitted Date: 7/5/2017 11:40:59 AM
Facility Info Accepted Date: 7/5/2017 2:02:56 PM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: Not Reported
Inventory Last Submitted Date: 7/5/2017 11:40:59 AM
Inventory Last Accepted Date: 7/5/2017 2:03:06 PM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: Not Reported
ER Training Last Submitted Date: 7/5/2017 11:40:59 AM
ER Training Last Accepted Date: 7/5/2017 2:03:18 PM
UST Regulator Code: 6120

UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
EPA ID: Not Reported
RCRA LQG: No
Violation Date: 3/1/2017
Violation Type Number: 1010008
Class: Minor
Scheduled Return to Compliance Date: 3/31/2017
Actual Return to Compliance Date: Not Reported
Actual Return to Compliance Qualifier: Not Reported
Violation Comment: Non Inspection related Notice of Violation: Failure to report a current Hazardous Materials Business Plan

Violation Category: Administration/Documentation
Violation Name: Annual Review / Certification
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Citation(s): HSC 6.95 25508(a)(1), 25508.2

Violation Date: 4/14/2016
Violation Type Number: 1010008
Class: Minor
Scheduled Return to Compliance Date: 5/9/2016
Actual Return to Compliance Date: 5/12/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: Not Reported
Violation Category: Administration/Documentation
Violation Name: Annual Review / Certification
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Citation(s): HSC 6.95 25508(c), 25508.2

AST, HMRRP & UST Inspection Information
EPA ID: Not Reported
RCRA LQG: No
Inspection Date: 3/15/2017
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: Not Reported
Date Returned to Compliance: Not Reported
Days Out of Compliance: 110
Violation Details Available: Yes
Inspection Comments: Not Reported

Inspection Date: 4/14/2016
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: Not Reported
Date Returned to Compliance: 5/12/2016
Days Out of Compliance: 28
Violation Details Available: Yes
Inspection Comments: Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (PM)

Inspection Date: 8/12/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0

Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 691
Violation Details Available: No
Inspection Comments: Hazardous materials/amounts/locations are consistent with 2015 HMBP reporting. Training records maintained. NO HMBP violations observed.

AST, HMRRP & UST Enforcement Information
Type of Enforcement Action: Notice of Violation (NOV) Only
Date of Enforcement Action: 4/5/2017
Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported
Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0
Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 1
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: FAILURE TO SUBMIT AN ELECTRONIC HAZARDOUS MATERIALS BUSINESS PLAN (HMBP) BY MARCH 1ST.

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.16 miles N	151 ft (7 ft higher than site)	**30**
SITE NAME			**MAPS**	**ID**
Pat Poddatoori			1,2,4	10196890-BC
ADDRESS			**CITY**	**ZIP**
2829 Shattuck AVE			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196890
Owner Name: ELMWOOD NURSING & REHAB

Owner Address: 2829 Shattuck Avenue
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 2829 Shattuck Avenue
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.16 miles N	151 ft (7 ft higher than site)	**30**

SITE NAME	MAPS	ID
ELMWOOD NURSING & REHAB	1,2,4	114356

ADDRESS	CITY	ZIP
2829 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 114356
Site EI ID: 10196890
Agency Provided Latitude: 37.857422
Agency Provided Longitude: -122.266304

Program Description: Chemical Storage Facilities

Evaluation Information
Evaluation Date: 9/6/2018
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): The California Environmental Protection Agency (CalEPA) adopted 24 new Federal Hazard Categories for use in the hazardous materials inventory reporting of the 2018 Hazardous Materials Business Plan (HMBP) submittal. The 4/10/2018 submittal did not identify these updated categories. In addition, the environmental contact recently changed. The 24 hour phone number for the emergency contacts is also the business phone number. In the event of an emergency after hours, or if the facility is evacuated, the City needs to have a 24 hour phone number for each of the emergency contacts. Facility shall review the updated hazard categories in the inventory, update the Business Owner Operator page and submit the updated information. Facility provides an orientation training and conduct evacuation drills monthly. TMD recommends secondary

containment or a tray in the laundry hazardous materials storage area to allow for easy clean up of spills below the containers. TMD [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/15/2017
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Not Reported
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 4/14/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (PM)
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 8/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Hazardous materials/amounts/locations are consistent with 2015 HMBP reporting. Training records maintained. NO HMBP violations observed.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Violation Information
Violation Date: 3/1/2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Note(s): Returned to compliance on 04/19/2017. Non Inspection related Notice of Violation: Failure to report a current Hazardous Materials Business Plan
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 4/14/2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Note(s): Returned to compliance on 05/12/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Enforcement Information
Enforcement Action Date: 4/5/2017
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): FAILURE TO SUBMIT AN ELECTRONIC HAZARDOUS MATERIALS BUSINESS PLAN (HMBP) BY MARCH 1ST. .
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HMRRP
Enforcement Action Source: CERS

Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196890
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.857420
Agency Provided Longitude: -122.266300

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.16 miles S	142 ft (2 ft lower than site)	**31**
SITE NAME			**MAPS**	**ID**
FRANCISCO & JACKIE BAUTISTA			1,2,4	CAC003033245
ADDRESS			**CITY**	**ZIP**
2106 PRINCE ST.			BERKELEY	94705

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003033245
Source Type: Implementer

Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES
Active Site Indicator: -----
Owner Name: FRANCISCO & JACKIE BAUTISTA
Operator Name: FRANCISCO & JACKIE BAUTISTA
In Handler Universes: N
In a Universe: N
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------

SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20190910
Acknowledge Flag Date: 20190910
Contact First Name: FRANCISCO
Contact Last Name: & JACKIE BAUTIS
Contact Street 1: 2106 PRINCE ST.
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94705
Contact Phone: 510-849-4007
Contact E-mail Address: RUTH.DELGADILLO@SYNERGYCOMPANIES.ORG
Short Term Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.17 miles NW	137 ft (7 ft lower than site)	32
SITE NAME			**MAPS**	**ID**
HARRIET TUBMAN TERRACE			1,2,4	CAC002992493
ADDRESS			**CITY**	**ZIP**
2870 ADELINE ST.			BERKELEY	94703

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC002992493
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES
Active Site Indicator: H----
Owner Name: KELLY SMITH
Operator Name: KELLY SMITH
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: Y
Universal Waste Destination Facility: Y
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N

Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20181210
Acknowledge Flag Date: 20181210
Contact First Name: KELLY
Contact Last Name: SMITH
Contact Street 1: 3 EAST STOW ROAD SUITE 100
Contact City: MARLTON
Contact State: NJ
Contact Zip: 08053
Contact Phone: 916-883-1128
Contact E-mail Address: CSLAMA@TMO.COM
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: Y
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.17 miles S	134 ft (10 ft lower than site)	33
SITE NAME			MAPS	ID

MACK JACOB, DDS	1,2,4	10196680
ADDRESS	**CITY**	**ZIP**
2012 PRINCE ST	BERKELEY	94703

DETAILS

General Program & Facility Information
CERS ID: 10196680
Facility ID: Not Reported
Facility Regulator Key ID: FA0000600
Organization Code: 90167314
Business/Organization Name: MACK JACOB, DDS
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Seeding
Count of Business' CERS User Accounts: 0
Facility Count for Business: 1
Last Submittal Date (any element): Not Reported
Count of Submitted Elements: 0
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: CARRIE ESTADT

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: Not Reported
Hazardous Waste Generator (HW) Last Inspection Date: 2/18/2016
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
: Not Reported
Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: (510) 843-8568
Fax Number: Not Reported
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: 0
NAICS Code: Not Reported
Mailing Address: Not Reported
Mailing Address City: Not Reported
Mailing Address State Code: Not Reported
Mailing Address Zip Code: Not Reported
Operator Name: Not Reported
Operator Phone Number: Not Reported
Owner Name: Not Reported
Owner Phone: Not Reported
Owner Mailing Address: Not Reported
Owner City: Not Reported
Owner State: Not Reported
Owner Zip Code: Not Reported
Owner Country: United States
Environmental Contact Name: Not Reported
Environmental Contact Phone Number: Not Reported
Environmental Contact Mailing Address: Not Reported
Environmental Contact Email Address: Not Reported
Environmental Contact City: Not Reported
Environmental Contact State: Not Reported
Environmental Contact Zip: Not Reported
Environmental Contact Country: United States
Primary Emergency Contact Name: Not Reported
Primary Emergency Contact Title: Not Reported
Primary Emergency Contact Business Phone Number: Not Reported
Primary Emergency Contact 24Hr Phone: Not Reported
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Not Reported
Secondary Emergency Contact Title: Not Reported
Secondary Emergency Contact Business Phone: Not Reported
Secondary Emergency Contact 24Hr Phone: Not Reported
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Not Reported
Identification Signer Name: Not Reported
Identification Signer Title: Not Reported
Billing Contact Name: Not Reported

Billing Contact Phone: Not Reported
Billing Contact Email: Not Reported
Billing Address: Not Reported
Billing City: Not Reported
Billing State: Not Reported
Billing Zip: Not Reported
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: Not Reported
Hazardous Materials On Site? (Y/N): N
CAL ARP Regulated Substances? (Y/N): Not Reported
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): Not Reported
Hazardous Waste Generator? (Y/N): Not Reported
Recycles Materials? (Y/N): Not Reported
On-site HW Treatment? (Y/N): Not Reported
Financial Assurance? (Y/N): Not Reported
Remote Waste Consolidation Site? (Y/N): Not Reported
Hazardous Waste Tank Closure? (Y/N): Not Reported
RCRA Large Quantity Generator? (Y/N): Not Reported
Household Hazardous Waste (HHW) Collection? (Y/N): Not Reported
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: Not Reported
Submittal Action: Draft
BP Activities Last Updated Date: 10/11/2012 9:08:47 AM
BP Owner/Operator Last Updated Date: 10/11/2012 9:08:48 AM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: Not Reported
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85271
Agency Provided Longitude: -122.26742
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:06:50 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120

Facility Info Reporting Requirement: Not Applicable
Facility Info Next Due Date: Not Reported
Facility Info Last Submitted Date: Not Reported
Facility Info Accepted Date: Not Reported
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Not Applicable
Inventory Next Due Date: Not Reported
Inventory Last Submitted Date: Not Reported
Inventory Last Accepted Date: Not Reported
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Not Applicable
ER Training Next Due Date: Not Reported
ER Training Last Submitted Date: Not Reported
ER Training Last Accepted Date: Not Reported
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
: Not Reported
AST, HMRRP & UST Inspection Information
: Not Reported
AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cleaners-CA	Listed	0.18 miles S	139 ft (5 ft lower than site)	34

SITE NAME	MAPS	ID
Shattuck Sunny Cleaners	1,2,4	20868

ADDRESS	CITY	ZIP
2105 Woolsey St	Berkeley	94705

DETAILS

Facility and Program Information
County: Alameda
Executive First Name: Leon
Executive Last Name: Lee
Professional Title: Not Reported
Executive Title: Owner
Executive Gender: Male
ZIP Four: 1830
Carrier Route: C003
Delivery Point Barcode: 58
Metro Area: Sn Francisco, CA
Neighborhood: South Berkeley
Phone Number Combined: (510) 845-4114
Fax Number Combined: 0
Toll Free Number Combined: 0
Website: Not Reported
Company Description: Not Reported
Primary SIC Code: 721201
Primary SIC Description: Cleaners
Primary SIC Ad Size: Regular
Primary SIC Year Appeared: 1984

SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 2 Ad Size: Not Reported
SIC Code 2 Year Appeared: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 3 Ad Size: Not Reported
SIC Code 3 Year Appeared: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 4 Ad Size: Not Reported
SIC Code 4 Year Appeared: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 5 Ad Size: Not Reported
SIC Code 5 Year Appeared: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 6 Ad Size: Not Reported
SIC Code 6 Year Appeared: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 7 Ad Size: Not Reported
SIC Code 7 Year Appeared: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 8 Ad Size: Not Reported
SIC Code 8 Year Appeared: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 9 Ad Size: Not Reported
SIC Code 9 Year Appeared: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
SIC Code 10 Ad Size: Not Reported
SIC Code 10 Year Appeared: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: 812320
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported

NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Franchise Description 1: Not Reported
Franchise Description 2: Not Reported
Franchise Description 3: Not Reported
Franchise Description 4: Not Reported
Franchise Description 5: Not Reported
Cuisine Code: Not Reported
Cuisine Code Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 87000
Corporate Employee Size Range: Not Reported
Corporate Employee Size Actual: 0
Corporate Sales Volume Range: Not Reported
Corporate Sales Volume Actual: 0
Type of Business: Private
Location Type: Single Loc
Filing Type Code: Not Reported
Worksite Type: Not Reported
IUSA Number: 10-295-4237
Parent IUSA Number: 0
Subsidiary IUSA Number: 0
Foreign Parent Flag: Not Reported
EIN 1: Not Reported
EIN 2: Not Reported
EIN 3: Not Reported
Fortune 1000 Ranking: 0
Credit Cards Accepted: Not Reported
Last Updated On: 201709
Years In Database: 34
Year Established: Not Reported
Square Footage: 1 - 1,499
Home Business: No
Credit Score Alpha: B
Government Office: 0
Import Export Flag: Not Reported
Own or Lease: Not Reported
Firm or Individual: 2

Monday Open: Not Reported
Monday Close: Not Reported
Tuesday Open: Not Reported
Tuesday Close: Not Reported
Wednesday Open: Not Reported
Wednesday Close: Not Reported
Thursday Open: Not Reported
Thursday Close: Not Reported
Friday Open: Not Reported
Friday Close: Not Reported
Saturday Open: Not Reported
Saturday Close: Not Reported
Sunday Open: Not Reported
Sunday Close: Not Reported
Executive First Name 1: Leon
Executive Last Name 1: Lee
Executive Title 1: Owner
Executive Gender 1: Male
Executive First Name 2: Not Reported
Executive Last Name 2: Not Reported
Executive Title 2: Not Reported
Executive Gender 2: Not Reported
Ticker Symbol: Not Reported
Stock Exchange: Not Reported
Accounting Expenses: Less than $500
Advertising Expenses: Less than $5,000
Computer Expenses: Less than $500
Contract Labor Expenses: Less than $1,000
Insurance Expenses: Less than $2,500
Legal Expenses: Less than $500
Office Supplies Expense: $5,000 to $10,000
Management/Administration Expenses: Less than $2,500
Package Container Expense: Less than $500
Payroll and Benefits Expenses: Less than $100,000
Purchase Print Expenses: Less than $500
Rent Expenses: Less than $10,000
Telecom Expenses: Less than $2,000
Utilities Expenses: Less than $2,000
Mailing Address: Not Reported
Mailing City: Not Reported
Mailing State: Not Reported
Mailing Zip Code: Not Reported
Mailing Zip Four: Not Reported
Mailing Carrier Route: Not Reported
Mailing Delivery Point Bar Code: Not Reported
Affiliated Records: 0
Affiliated Locations: 0
Census Block Group: 1
Record Type: Verified

Historic Information
Latitude: 37.85245
Longitude: -122.265926

Version Year: 2016
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported

NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2015
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported

NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2014
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported

NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2013
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported

NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 62000
Type of Business: Private
Location Type: Single Loc

Version Year: 2012
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)

NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2011
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported

Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2010
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported

SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2009
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported

SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2008
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported

SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2007
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported

SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
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NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2006
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners

SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2005

Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000

Type of Business: Private
Location Type: Single Loc

Version Year: 2004
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported
NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported

Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

Version Year: 2003
Primary SIC Code: 721201
Primary SIC Description: Cleaners
SIC Code 1: 721201
SIC Code 1 Description: Cleaners
SIC Code 1 Ad Size: Not Reported
SIC Code 1 Year Appeared: Not Reported
SIC Code 2: Not Reported
SIC Code 2 Description: Not Reported
SIC Code 3: Not Reported
SIC Code 3 Description: Not Reported
SIC Code 4: Not Reported
SIC Code 4 Description: Not Reported
SIC Code 5: Not Reported
SIC Code 5 Description: Not Reported
SIC Code 6: Not Reported
SIC Code 6 Description: Not Reported
SIC Code 7: Not Reported
SIC Code 7 Description: Not Reported
SIC Code 8: Not Reported
SIC Code 8 Description: Not Reported
SIC Code 9: Not Reported
SIC Code 9 Description: Not Reported
SIC Code 10: Not Reported
SIC Code 10 Description: Not Reported
Primary NAICS: 812320
Primary NAICS Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 1: Not Reported
NAICS 1 Description: Drycleaning & Laundry Svcs (Except Coin-Operated)
NAICS 2: Not Reported
NAICS 2 Description: Not Reported
NAICS 3: Not Reported
NAICS 3 Description: Not Reported
NAICS 4: Not Reported
NAICS 4 Description: Not Reported
NAICS 5: Not Reported
NAICS 5 Description: Not Reported
NAICS 6: Not Reported
NAICS 6 Description: Not Reported
NAICS 7: Not Reported
NAICS 7 Description: Not Reported
NAICS 8: Not Reported
NAICS 8 Description: Not Reported

NAICS 9: Not Reported
NAICS 9 Description: Not Reported
NAICS 10: Not Reported
NAICS 10 Description: Not Reported
Location Employee Size Range: 1 to 4
Location Employee Size Actual: 1
Location Sales Volume Range: Less Than $500,000
Location Sales Volume Actual: 60000
Type of Business: Private
Location Type: Single Loc

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.18 miles S	139 ft (5 ft lower than site)	34

SITE NAME	MAPS	ID
Shattuck Sunny Cleaners	1,2,4	73965

ADDRESS	CITY	ZIP
2105 Woolsey St	Berkeley	

DETAILS

Site Added: 1/1/2013

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Cleaners	Listed	0.18 miles S	139 ft (5 ft lower than site)	34

SITE NAME	MAPS	ID
WOOLSEY CLEANERS	1,2,4	332561-PD

ADDRESS	CITY	ZIP
2105 WOOLSEY ST	BERKELEY	94705-1830

DETAILS

Listing Year: 1997
SIC Category: CLEANERS

SIC Code: 721201

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.2 miles N	146 ft (2 ft higher than site)	35

SITE NAME	MAPS	ID
WALGREENS #4614	1,2,4	10196473

ADDRESS	CITY	ZIP
2801 ADELINE ST	BERKELEY	94703

DETAILS

General Program & Facility Information
CERS ID: 10196473
Facility ID: Not Reported
Facility Regulator Key ID: FA0000411
Organization Code: 90036325
Business/Organization Name: WALGREENS
Multiple Jurisdictional Business? (Y/N): Yes
Business Origin: Business
Count of Business' CERS User Accounts: 11
Facility Count for Business: 658
Last Submittal Date (any element): 2/26/2017 8:22:44 PM
Count of Submitted Elements: 18
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: KARL BUSCHE

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: 40
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported

California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 3/12/2015
Hazardous Waste Generator (HW) Last Inspection Date: 3/12/2015
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
Chemical Location: Hallway
Chemical Name: Helium
Common Chemical Name: Helium
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.2
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 7440-59-7
Primary Fire Code Hazardous Class: Other Health Hazard
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 125
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 125
Maximum Daily Amount Containing a Hazardous Material: 250
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N

Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Outside In Cage
Chemical Name: Propane
Common Chemical Name: Liquefied Petroleum Gas (LPG)
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.1

DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 74-98-6
Primary Fire Code Hazardous Class: Flammable Gas
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 4.73
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 94.6
Maximum Daily Amount Containing a Hazardous Material: 189.2
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient

Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving
Chemical Name: Not Reported
Common Chemical Name: Non RCRA Hazardous Waste, Liquid
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Irritant
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 303
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y

Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 151.5
Maximum Daily Amount Containing a Hazardous Material: 303
Estimate of Annual Amount Handled: 1569
California Hazardous Waste Code: 331
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Non RCRA Hazardous Waste, Liquid
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported

Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving
Chemical Name: Not Reported
Common Chemical Name: Non RCRA Hazardous Waste, Solid
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Irritant
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 46
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 23
Maximum Daily Amount Containing a Hazardous Material: 46
Estimate of Annual Amount Handled: 158
California Hazardous Waste Code: 352
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N

Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Non RCRA Hazardous Waste, Solid
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving
Chemical Name: Not Reported
Common Chemical Name: Waste Aerosols, [Flammable, (Each Not Exceeding 1 L Capacity)]
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.1
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Flammable Liquid, Class I-B
Secondary Fire Code Hazardous Class: Irritant
Third Fire Code Hazardous Class: Other Health Hazard
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported

Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 13
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 6.5
Maximum Daily Amount Containing a Hazardous Material: 13
Estimate of Annual Amount Handled: 132
California Hazardous Waste Code: 331
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Waste Aerosols, [Flammable, (Each Not Exceeding 1 L Capacity)]
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported

Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving
Chemical Name: Not Reported
Common Chemical Name: Waste Corrosive liquid, basic, inorganic, n.o.s.
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 8
DOT Hazard Class: NONFLAMMABLE GASES
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Corrosive
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 73
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 36.5
Maximum Daily Amount Containing a Hazardous Material: 73
Estimate of Annual Amount Handled: 188
California Hazardous Waste Code: 122
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N

Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Waste Corrosive liquid, basic, inorganic, n.o.s.
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving
Chemical Name: Not Reported
Common Chemical Name: Waste Flammable Solids, Organic, N.O.S.
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 4.1

DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Flammable Solid
Secondary Fire Code Hazardous Class: Irritant
Third Fire Code Hazardous Class: Carcinogen
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 0.5
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: 2
California Hazardous Waste Code: 331
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient

Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Waste Flammable Solids, Organic, N.O.S.
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving
Chemical Name: Not Reported
Common Chemical Name: Waste Lighters
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.1
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Flammable Liquid, Class I-A
Secondary Fire Code Hazardous Class: Irritant
Third Fire Code Hazardous Class: Carcinogen
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: Y
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y

Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 0.5
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: 1
California Hazardous Waste Code: 331
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Waste Lighters
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported

Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving
Chemical Name: Not Reported
Common Chemical Name: Waste Oxidizing Liquid, N.O.S.
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 5.1
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Oxidizing, Class 2
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 2
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: Y
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 1
Maximum Daily Amount Containing a Hazardous Material: 2
Estimate of Annual Amount Handled: 4
California Hazardous Waste Code: 131
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N

Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Waste Oxidizing Liquid, N.O.S.
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving, Pharmacy
Chemical Name: Not Reported
Common Chemical Name: Residue Last Contained, Medicine, solid, toxic, n.o.s.
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Toxic
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported

Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 0.5
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: 12
California Hazardous Waste Code: 311
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Residue Last Contained, Medicine, solid, toxic, n.o.s.
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported

Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving, Pharmacy
Chemical Name: Not Reported
Common Chemical Name: Waste Toxic Liquids, Organic, N.O.S.
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 6.1
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Toxic
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 0.5
Maximum Daily Amount Containing a Hazardous Material: 1
Estimate of Annual Amount Handled: 1
California Hazardous Waste Code: 311
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N

Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Waste Toxic Liquids, Organic, N.O.S.
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Receiving, Pharmacy
Chemical Name: Not Reported
Common Chemical Name: Waste Toxic Solids, Organic, N.O.S.
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 6.1

DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Toxic
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Solid
Total Capacity of Largest Container: 3
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 1.5
Maximum Daily Amount Containing a Hazardous Material: 3
Estimate of Annual Amount Handled: 18
California Hazardous Waste Code: 311
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: Y
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient

Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: Waste Toxic Solids, Organic, N.O.S.
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: Mixture
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Retail Sales Floor In Refrigeration Unit
Chemical Name: Chlorodifluoromethane
Common Chemical Name: R-22
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.2
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 75-45-6
Primary Fire Code Hazardous Class: Irritant
Secondary Fire Code Hazardous Class: Other Health Hazard
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 258
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y

Fire Haz Category - Chronic Health?: Y
Average Daily Amount Containing a Hazardous Material: 258
Maximum Daily Amount Containing a Hazardous Material: 258
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: REFRIGERATON SYSTEM
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported

Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: 3/1/2017
Ending Date: 3/1/2018
Phone Number: (510) 981-8392
Fax Number: N/A
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: 931036651
SIC Code: 5912
NAICS Code: 446110
Mailing Address: 3E Company, c/o Walgreen Co., 3207 Grey Hawk Court, Suite 200
Mailing Address City: Carlsbad
Mailing Address State Code: CA
Mailing Address Zip Code: 92010
Operator Name: Walgreen Co.
Operator Phone Number: (847) 914-2264
Owner Name: Walgreen Co.
Owner Phone: (847) 914-2264
Owner Mailing Address: 200 Wilmot Road
Owner City: Deerfield
Owner State: IL
Owner Zip Code: 60015
Owner Country: United States
Environmental Contact Name: 3E Company, Regulatory Department/Walgreen Co.
Environmental Contact Phone Number: (760) 602-8700
Environmental Contact Mailing Address: 3207 Grey Hawk Court, Suite 200
Environmental Contact Email Address: regulatory@3ecompany.com
Environmental Contact City: Carlsbad
Environmental Contact State: CA
Environmental Contact Zip: 92010
Environmental Contact Country: United States
Primary Emergency Contact Name: Darathy Bernardo
Primary Emergency Contact Title: Store Manager
Primary Emergency Contact Business Phone Number: (510) 981-8392
Primary Emergency Contact 24Hr Phone: (866) 924-7411
Primary Emergency Contact Pager Number: N/A
Secondary Emergency Contact Name: Walgreens Security Operations Center (SOC)
Secondary Emergency Contact Title: District Manager
Secondary Emergency Contact Business Phone: (866) 924-7411
Secondary Emergency Contact 24Hr Phone: (866) 924-7411
Secondary Emergency Contact Pager Number: N/A
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Crystalyn Dogui-is, on behalf of Walgreen Co.
Identification Signer Name: Crystalyn Dogui-is, on behalf of Walgreen Co.
Identification Signer Title: Regulatory Compliance Coordinator, 3E Company

Billing Contact Name: 3E Company, Regulatory Department/Walgreen Co.
Billing Contact Phone: (760) 602-8700
Billing Contact Email: regulatory@3ecompany.com
Billing Address: 3207 Grey Hawk Court, Suite 200
Billing City: Carlsbad
Billing State: CA
Billing Zip: 92010
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: CAL000322919
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): Y
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 2/26/2017 8:22:44 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 2/21/2017 10:18:11 AM
BP Owner/Operator Last Updated Date: 2/22/2017 2:28:23 PM
Submittal Action Comment 1: Thank you for your annual HMBP submittal for FY18. If there are any changes in the information provided, please make sure to update your submittal within 30 days of that change. Please note, the information in this HMBP submittal is also subject to field inspection verification which is to be scheduled in accordance with the UPAs existing inspection schedule.
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: 3/1/2018
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85799
Agency Provided Longitude: -122.26727
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 5/17/2015 10:06:37 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 3/1/2018
Facility Info Last Submitted Date: 2/26/2017 8:22:44 PM
Facility Info Accepted Date: 3/22/2017 12:42:04 PM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 3/1/2018
Inventory Last Submitted Date: 2/26/2017 8:22:44 PM
Inventory Last Accepted Date: 3/22/2017 12:42:10 PM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 3/1/2018
ER Training Last Submitted Date: 2/26/2017 8:22:44 PM
ER Training Last Accepted Date: 3/22/2017 12:42:15 PM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable

CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
EPA ID: CAL000322919
RCRA LQG: No
Violation Date: 3/12/2015
Violation Type Number: 1010003
Class: Minor
Scheduled Return to Compliance Date: 4/11/2015
Actual Return to Compliance Date: 3/12/2015
Actual Return to Compliance Qualifier: Documented
Violation Comment: The Business Owner Operator form lists a business phone number that is not valid.Corrective action: Update the form and submit updated information electronically.
Violation Category: Administration/Documentation
Violation Name: Business Activities Page and/or Business Owner/Operator Identification Page
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Citation(s): 19 CCR 4 2729.2(a)(1); 19 CCR 6.95 25508(a)(1)

AST, HMRRP & UST Inspection Information
EPA ID: CAL000322919
RCRA LQG: No
Inspection Date: 3/12/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 3/12/2015
Days Out of Compliance: 0
Violation Details Available: Yes
Inspection Comments: Onsite for routine inspection to review hazardous materials and hazardous waste storage and management.

AST, HMRRP & UST Enforcement Information
Type of Enforcement Action: Notice of Violation (NOV) Only
Date of Enforcement Action: 3/12/2015
Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported

Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0
Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 1
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.2 miles N	146 ft (2 ft higher than site)	**35**

SITE NAME	MAPS	ID
Walgreen Co.	1,2,4	10196473-BC

ADDRESS	CITY	ZIP
2801 Adeline ST	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10196473
Owner Name: WALGREENS #4614
Owner Address: 200 Wilmot Road
Owner City: Deerfield
Owner State: IL
Owner Zip: 60015
Mailing Address: Verisk 3E, Regulatory Dept/Walgreen Co, 3207 Grey
Mailing City/State/Zip: Carlsbad, CA 92010
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.2 miles N	146 ft (2 ft higher than site)	35

SITE NAME	MAPS	ID
WALGREENS #4614	1,2,4	84241

ADDRESS	CITY	ZIP
2801 ADELINE ST	BERKELEY	94703

DETAILS

Site Regulated Program Information
Site ID: 84241
Site EI ID: 10196473
Agency Provided Latitude: 37.857986
Agency Provided Longitude: -122.267273

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 10/20/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): See HMBP notes;
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 10/20/2017
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Routine HMBP, Hazardous Waste and Storm Water facility compliance inspection, unannounced. The 2017 CERs submittal was done on 2.2617 by Karina Romero. Hazardous Waste manifests were available for review. Disposal is being done approximately every month. EPA I.D. #000322919. The hazardous waste bins were label appropriately, w/ start accumulation dates filled out. Hazardous com training records available for review on-line, Approx <40 employees trained. There were no violations noted during the inspection.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/12/2015
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite for routine inspection to review hazardous materials and hazardous waste storage and management.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 3/12/2015
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Mike indicates that Stericycle submits the generator copy of the manifest to DTSC. TMD could not confirm this as the HWTS only shows copies of the TSDF submitted.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Violation Information
Violation Date: 3/12/2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

Violation Note(s): Returned to compliance on 03/12/2015. The Business Owner Operator form lists a business phone number that is not valid. Corrective action: Update the form and submit updated information electronically.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Enforcement Information
Enforcement Action Date: 3/12/2015
Enforcement Action Type: Notice of Violation (Unified Program)
Enforcement Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enforcement Action Note(s): Not Reported
Enforcement Action Division: Berkeley City Toxics Management Division
Enforcement Action Program: HMRRP
Enforcement Action Source: CERS

Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10196473
ENV INT Type Code: HMBP
Coordinate Name: Not Reported

Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.857990
Agency Provided Longitude: -122.267270

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-CESQG-US	No Longer Listed	0.2 miles N	146 ft (2 ft higher than site)	35

SITE NAME	MAPS	ID
WALGREENS #4614	1,2,4	CAL000322919

ADDRESS	CITY	ZIP
2801 ADELINE ST	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000322919
Source Type: A
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
NAICS1: PHARMACIES AND DRUG STORES
Active Site Indicator: H----
Owner Name: 2801 ADELINE LLC
Operator Name: WALGREEN CO.
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------

Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20140301
Contact First Name: KARINA
Contact Middle Initial: E
Contact Last Name: ROMERO
Contact Street Number: 3207
Contact Street 1: GREY HAWK CT STE 200
Contact City: CARLSBAD
Contact State: CA
Contact Zip: 92010
Contact Phone: 760-602-8887
Contact FAX: 760-918-4025
Contact E-mail Address: KROMERO@3ECOMPANY.COM
Contact Title: TECHNICAL PRJT SPECIALIST
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N

TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

Receive Date: 20160406
Contact First Name: KARINA
Contact Last Name: ROMERO
Contact Street Number: 3207
Contact Street 1: GREYHAWK CT
Contact Street 2: SUITE 200
Contact City: CARLSBAD
Contact State: CA
Contact Zip: 92010
Contact Country: US
Contact Phone: 760-602-8700
Contact FAX: 760-918-4025
Contact E-mail Address: REGULATORY@3ECOMPANY.COM
Contact Title: BUSINESS SOLUTIONS SPECIALIST
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

Receive Date: 20200724

Contact First Name: AMBER
Contact Last Name: DURKIN
Contact Street Number: 104
Contact Street 1: WILMOT RD, 5TH FL, MS#1450
Contact City: DEERFIELD
Contact State: IL
Contact Zip: 60015
Contact Country: US
Contact Phone: 847-964-8816
Contact FAX: 760-918-4025
Contact E-mail Address: AMBER.DURKIN@WALGREENS.COM
Contact Title: APS SAFETY MANAGER, NON-RETAIL / SUPPLY CHAIN
Short Term Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

Waste Code: 122 |
Waste Code: 122 |
Waste Code: 131 |
Waste Code: 131 |
Waste Code: 141 |
Waste Code: 181 |
Waste Code: 181 |
Waste Code: 214 |
Waste Code: 311 |
Waste Code: 311 |
Waste Code: 331 |
Waste Code: 331 |

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.2 miles N	146 ft (2 ft higher than site)	35

SITE NAME	MAPS	ID
WALGREENS #4614	1,2,4	CAL000322919
ADDRESS	**CITY**	**ZIP**
2801 ADELINE ST	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAL000322919
Source Type: A
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
NAICS1: PHARMACIES AND DRUG STORES
Active Site Indicator: H----
Owner Name: 2801 ADELINE LLC
Operator Name: WALGREEN CO.
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------

GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20140301
Contact First Name: KARINA
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Contact Phone: 760-602-8887
Contact FAX: 760-918-4025
Contact E-mail Address: KROMERO@3ECOMPANY.COM
Contact Title: TECHNICAL PRJT SPECIALIST
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N

Used Oil Specification Marketer: N

Receive Date: 20160406
Contact First Name: KARINA
Contact Last Name: ROMERO
Contact Street Number: 3207
Contact Street 1: GREYHAWK CT
Contact Street 2: SUITE 200
Contact City: CARLSBAD
Contact State: CA
Contact Zip: 92010
Contact Country: US
Contact Phone: 760-602-8700
Contact FAX: 760-918-4025
Contact E-mail Address: REGULATORY@3ECOMPANY.COM
Contact Title: BUSINESS SOLUTIONS SPECIALIST
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

Receive Date: 20200724
Contact First Name: AMBER
Contact Last Name: DURKIN
Contact Street Number: 104
Contact Street 1: WILMOT RD, 5TH FL, MS#1450
Contact City: DEERFIELD
Contact State: IL
Contact Zip: 60015
Contact Country: US
Contact Phone: 847-964-8816
Contact FAX: 760-918-4025
Contact E-mail Address: AMBER.DURKIN@WALGREENS.COM
Contact Title: APS SAFETY MANAGER, NON-RETAIL / SUPPLY CHAIN
Short Term Generator: N

Importer Activity: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

Waste Code: 122 |
Waste Code: 122 |
Waste Code: 131 |
Waste Code: 131 |
Waste Code: 141 |
Waste Code: 181 |
Waste Code: 181 |
Waste Code: 214 |
Waste Code: 311 |
Waste Code: 311 |
Waste Code: 331 |
Waste Code: 331 |

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.2 miles N	146 ft (2 ft higher than site)	35

SITE NAME	MAPS	ID
RITE AID NO 5954	1,2,4	CA0000367920

ADDRESS	CITY	ZIP
2801 ADELINE ST	BERKELEY	94703

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CA0000367920
Source Type: Notification

Generator Status Universe: SQG
Generator Status: Small Quantity Generator
Active Site Indicator: H----
Owner Name: RITE AID
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N

Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 19970725
Acknowledge Flag Date: 19970730
Contact First Name: GAIL
Contact Last Name: RATAJCZAK
Contact Street 1: 8795 FOLSOM BLVD STE 108
Contact City: SACRAMENTO
Contact State: CA
Contact Zip: 95826
Contact Country: US
Contact Phone: 800-769-5845
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.2 miles NE	169 ft (25 ft higher than site)	36

SITE NAME	MAPS	ID
SHEILA SCHWARTZBURG	1,2,4	CAC003015370

ADDRESS	CITY	ZIP
2923 FULTON ST.	BERKELEY	94075

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAC003015370
Source Type: Implementer
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: ALL OTHER WASTE MANAGEMENT SERVICES
Active Site Indicator: H----
Owner Name: SHEILA SCHWARTZBURG
Operator Name: SHEILA SCHWARTZBURG
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: Y
Universal Waste Destination Facility: Y
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N
NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N

Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 20190516
Acknowledge Flag Date: 20190516
Contact First Name: SHEILA
Contact Last Name: SCHWARTZBURG
Contact Street 1: 2923 FULTON ST.
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94075
Contact Phone: 510-882-1606
Contact E-mail Address: SARA.GOMEZ@SYNERGYCOMPANIES.ORG
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: Y
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: Y
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.21 miles W	118 ft (26 ft lower than site)	37
SITE NAME			**MAPS**	**ID**
NEW EARTH PRESS			1,2,4	7817553

ADDRESS	CITY	ZIP
1921 ASHBY AVE	BERKELEY	947030000

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	**38**

SITE NAME	MAPS	ID
Shattuck Auto Collision Center	1,2,4	10652446

ADDRESS	CITY	ZIP
3207 Shattuck Ave	Berkeley	94705

DETAILS

General Program & Facility Information
CERS ID: 10652446
Facility ID: Not Reported
Facility Regulator Key ID: Not Reported
Organization Code: 90611377
Business/Organization Name: Shattuck Auto Collision Center
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Business
Count of Business' CERS User Accounts: 3
Facility Count for Business: 1
Last Submittal Date (any element): 9/2/2017 1:28:53 PM
Count of Submitted Elements: 11
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: VIVIANA GARCIA

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 10/20/2016
Hazardous Waste Generator (HW) Last Inspection Date: 10/20/2016
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
Chemical Location: Body Shop
Chemical Name: Not Reported
Common Chemical Name: Argon/CO2
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.2
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 250
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 394
Maximum Daily Amount Containing a Hazardous Material: 788
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet

Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 75
Haz Component 1 - Component Name: Argon
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 7440-37-1
Haz Component 2 - Percent by Weight: 25
Haz Component 2 - Component Name: Carbon Dioxide
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 124-38-9
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Body Shop
Chemical Name: 1,1,1,2-tetrafluoroethane
Common Chemical Name: R134A

Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 9
DOT Hazard Class: TOXIC GASES
Chemical Abstract Service (CAS) Number: 811-97-2
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 30
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 15
Maximum Daily Amount Containing a Hazardous Material: 30
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported

Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Body Shop
Chemical Name: Acetylene
Common Chemical Name: Acetylene
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.1
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 74-86-2
Primary Fire Code Hazardous Class: Unstable(Reactive), Class 2
Secondary Fire Code Hazardous Class: Flammable Gas
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 125

Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: Y
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 219
Maximum Daily Amount Containing a Hazardous Material: 438
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported

Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Body Shop
Chemical Name: Dichlorodifluoromethane
Common Chemical Name: Freon 12
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.2
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 75-71-8
Primary Fire Code Hazardous Class: Not Reported
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 30
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 15
Maximum Daily Amount Containing a Hazardous Material: 30
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Pounds
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N

Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: DICHLORODIFLUOROMETHANE
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 75-71-8
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Body Shop
Chemical Name: Oxygen
Common Chemical Name: Oxygen
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: 154302
DOT Hazardous Classification ID: 2.2
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 7782-44-7
Primary Fire Code Hazardous Class: Oxidizing, Class 2
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported

Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 125
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 155
Maximum Daily Amount Containing a Hazardous Material: 310
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: Not Reported
Haz Component 1 - Component Name: Not Reported
Haz Component 1 - EHS?: Not Reported
Haz Component 1 - CAS Number: Not Reported
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported

Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Paint Shop
Chemical Name: Not Reported
Common Chemical Name: Oily Water Sludge
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Combustible Liquid, Class III-B
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 55
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 25
Maximum Daily Amount Containing a Hazardous Material: 55
Estimate of Annual Amount Handled: 660
California Hazardous Waste Code: 221
Unit of Measure: Gallons

Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 40
Haz Component 1 - Component Name: Refined Base Oils
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 64742-55-8
Haz Component 2 - Percent by Weight: 50
Haz Component 2 - Component Name: Water
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 7732-32-5
Haz Component 3 - Percent by Weight: 5
Haz Component 3 - Component Name: Additives
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 68648-42-5
Haz Component 4 - Percent by Weight: 5
Haz Component 4 - Component Name: Dirt/Fuel/Water
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: Mixture
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Paint Shop
Chemical Name: Not Reported
Common Chemical Name: Thinner

Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Flammable Liquid, Class I-A
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 5
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 10
Maximum Daily Amount Containing a Hazardous Material: 20
Estimate of Annual Amount Handled: Not Reported
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported

Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 4
Haz Component 1 - Component Name: Ethyle Acetate
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 141-78-6
Haz Component 2 - Percent by Weight: 5
Haz Component 2 - Component Name: Methyl Ethyl Ketone
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 78-93-3
Haz Component 3 - Percent by Weight: 1
Haz Component 3 - Component Name: 2-Butoxy Ethanol
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 11-76-2
Haz Component 4 - Percent by Weight: 5
Haz Component 4 - Component Name: Toulene
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 108-88-3
Haz Component 5 - Percent by Weight: 5
Haz Component 5 - Component Name: Acetone
Haz Component 5 - EHS?: N
Haz Component 5 - CAS Number: 67-64*1
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Paint Shop
Chemical Name: Not Reported
Common Chemical Name: Used Oil
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Combustible Liquid, Class III-B
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 55

Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 25
Maximum Daily Amount Containing a Hazardous Material: 55
Estimate of Annual Amount Handled: 660
California Hazardous Waste Code: 221
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 75
Haz Component 1 - Component Name: Refined Base Oils
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 64742-55-8
Haz Component 2 - Percent by Weight: 10
Haz Component 2 - Component Name: Additives
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 68649-42-3
Haz Component 3 - Percent by Weight: 10
Haz Component 3 - Component Name: Dirt/Fuel/Water
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Mixture
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported

Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Paint Shop
Chemical Name: Not Reported
Common Chemical Name: Waste Paint Related Material
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Combustible Liquid, Class II
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 30
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 15
Maximum Daily Amount Containing a Hazardous Material: 30
Estimate of Annual Amount Handled: 360
California Hazardous Waste Code: 461
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N

Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 14
Haz Component 1 - Component Name: Mica
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 12001-26-2
Haz Component 2 - Percent by Weight: 2
Haz Component 2 - Component Name: 1-Methoxy-2Proponal
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 107-98-2
Haz Component 3 - Percent by Weight: 2
Haz Component 3 - Component Name: 2-Butoxyethanol
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 111-76-2
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Paint Shop
Chemical Name: Not Reported
Common Chemical Name: Waste Thinner
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Flammable Liquid, Class I-A
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported

Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 30
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 15
Maximum Daily Amount Containing a Hazardous Material: 30
Estimate of Annual Amount Handled: 360
California Hazardous Waste Code: 212
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 40
Haz Component 1 - Component Name: Methanol
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 67-56-1
Haz Component 2 - Percent by Weight: 40
Haz Component 2 - Component Name: Toluene

Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 108-88-3
Haz Component 3 - Percent by Weight: 15
Haz Component 3 - Component Name: Waste Paint Mixture
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Mixture
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: Paint Shop
Chemical Name: Ethylene Glycol
Common Chemical Name: Waste Antifreeze
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 3
DOT Hazard Class: FIRE AND/OR MINOR BLAST/PROJECTION HAZARD
Chemical Abstract Service (CAS) Number: 107-21-1
Primary Fire Code Hazardous Class: Combustible Liquid, Class III-B
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: c
Hazardous Material Type: Waste
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 55
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 25
Maximum Daily Amount Containing a Hazardous Material: 55
Estimate of Annual Amount Handled: 660
California Hazardous Waste Code: 135
Unit of Measure: Gallons

Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: Y
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 50
Haz Component 1 - Component Name: Ethylene Glycol
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 107-21-1
Haz Component 2 - Percent by Weight: 45
Haz Component 2 - Component Name: Water
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 7732-32-5
Haz Component 3 - Percent by Weight: 5
Haz Component 3 - Component Name: Additives
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: Mixture
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: Not Reported

Ending Date: Not Reported
Phone Number: 510-848-6281
Fax Number: Not Reported
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: 7532
NAICS Code: 811121
Mailing Address: 3207 Shattuck Ave
Mailing Address City: Berkeley
Mailing Address State Code: CA
Mailing Address Zip Code: 94705
Operator Name: Kathleen Waters
Operator Phone Number: 510-848-6281
Owner Name: Siena Enterprises
Owner Phone: 510-848-6281
Owner Mailing Address: 3207 Shattuck Ave
Owner City: Berkeley
Owner State: CA
Owner Zip Code: 94705
Owner Country: United States
Environmental Contact Name: Kathleen Waters
Environmental Contact Phone Number: 510-848-6281
Environmental Contact Mailing Address: 3207 Shattuck Ave
Environmental Contact Email Address: shattuck11@hotmail.com
Environmental Contact City: Berkeley
Environmental Contact State: CA
Environmental Contact Zip: 94705
Environmental Contact Country: United States
Primary Emergency Contact Name: Jim Padilla
Primary Emergency Contact Title: General Manager
Primary Emergency Contact Business Phone Number: 510-848-6281
Primary Emergency Contact 24Hr Phone: 510-259-8440
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Kathleen Waters
Secondary Emergency Contact Title: President
Secondary Emergency Contact Business Phone: 510-848-6281
Secondary Emergency Contact 24Hr Phone: 510-547-5605
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Not Reported
Identification Signer Name: Not Reported
Identification Signer Title: Not Reported
Billing Contact Name: Kathleen Waters
Billing Contact Phone: 510-848-6281
Billing Contact Email: sacin@sbcglobal.net
Billing Address: 3207 Shattuck Ave
Billing City: Berkeley
Billing State: CA

Billing Zip: 94705
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: CAD079073623
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): Y
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 9/2/2017 1:28:53 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 9/2/2017 1:28:44 PM
BP Owner/Operator Last Updated Date: 9/2/2017 1:28:44 PM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: Not Reported
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85208
Agency Provided Longitude: -122.26574
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 12/3/2015 3:55:37 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: Not Reported
Facility Info Last Submitted Date: 9/2/2017 1:28:53 PM
Facility Info Accepted Date: 10/19/2017 9:47:41 AM
Inventory Regulator Code: 6120

Inventory Reporting Requirement: Applicable
Inventory Next Due Date: Not Reported
Inventory Last Submitted Date: 9/2/2017 1:28:53 PM
Inventory Last Accepted Date: 10/19/2017 9:47:47 AM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: Not Reported
ER Training Last Submitted Date: 2/26/2017 12:00:53 AM
ER Training Last Accepted Date: 3/3/2017 4:41:45 PM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported

AST, HMRRP & UST Violation Information
: Not Reported
AST, HMRRP & UST Inspection Information
EPA ID: CAD079073623
RCRA LQG: No
Inspection Date: 10/20/2016
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 0
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: Not Reported
Days Out of Compliance: 256
Violation Details Available: No
Inspection Comments: Facility has recently transitioned from Oakland CUPA to City of Berkeley CUPA's jurisdiction. The last inspection done by Oakland was 2015. Half of the shop is on 6618 Shattuck Ave, Oakland. The other half is on 3207 Shattuck Ave, Berkeley.Observations:Haz Mat:Hazardous materials are stored in flammable cabinets outside the paint mix room. The materials are compatible and in cood containers.Compressed gas cylinders are stored throughout the body shop floor, they are properly braced. Safety: Fire Exinguishers are up to date.Emergency phone number and evacuation plan is available to employees. Located in the lunch room.SW:There is no outdoor activity. Air compressors and some auto body parts are located outside within a storm resistant shelter. There is a storm drain inside the shelter that has been plugged by the oakland fire department.Loading and unloading is done inside the vehicle parking area.Misc: Rinsing occurs in a bermed wet sanding area and [Truncated]

AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.22 miles S	140 ft (4 ft lower than site)	**38**
SITE NAME			**MAPS**	**ID**
Siena Enterprises			1,2,4	10652446-BC
ADDRESS			**CITY**	**ZIP**
3207 Shattuck Ave			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10652446
Owner Name: Shattuck Auto Collision Center
Owner Address: 3207 Shattuck Ave
Owner City: (none)

Owner State: CA
Owner Zip: 94705
Mailing Address: 3207 Shattuck Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	**38**

SITE NAME	MAPS	ID
Shattuck Auto Collision Center	1,2,4	361521

ADDRESS	CITY	ZIP
3207 SHATTUCK AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 361521
Site EI ID: 10652446
Agency Provided Latitude: 37.852077
Agency Provided Longitude: -122.265739

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 10/20/2016
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Facility has recently transitioned from Oakland CUPA to City of Berkeley CUPA's jurisdiction. The last inspection done by Oakland was 2015. Half of the shop is on 6618 Shattuck Ave, Oakland. The other half is on 3207 Shattuck Ave, Berkeley. Observations: Haz Mat: Hazardous materials are stored in flammable cabinets outside the paint mix room. The materials are compatible and in cood containers. Compressed gas cylinders are stored throughout the body shop floor, they are properly braced. Safety: Fire Exinguishers are up to date. Emergency phone number and evacuation plan is available to employees. Located in the lunch room. SW: There is no outdoor activity. Air compressors and some auto body parts are located outside within a storm resistant shelter. There is a storm drain inside the shelter that has been plugged by the oakland

fire department. Loading and unloading is done inside the vehicle parking area. Misc: Rinsing occurs in a bermed wet sanding area and [Truncated]
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 10/20/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Observations: Hazardous waste is stored in the Bermed Wet Sanding Area. 3 55-gal drums in good condition were properly labeled. The used oil drum was left open. The last pick-up for the used oil, waste antifreeze and oily water was April 2016. A 30-gallon drum containing waste thinner is placed on secondary containment, outside the paint mix room. Container is labeled but missing an accumulation start date. Facility has electronics that may be waste. The owner will determine if it is to be discarded. If so, it should be labeled as "universal waste" and disposed of properly within a year.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Violation Information
Violation Date: 10/20/2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements:
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Note(s): Returned to compliance on 11/08/2016. All containers of hazardous waste were not closed except when adding or removing constituents. Corrected onsite.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Violation Date: 10/20/2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Note(s): Returned to compliance on 11/08/2016. Generator did not properly label waste thinner container in that the accumulation start date was missing. Corrected onsite.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HW
Violation Source: CERS

Enforcement Information
: Not Reported
:Chemical Information
: Not Reported

:Coordinate Information
Program ID: 10652446
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.852080
Agency Provided Longitude: -122.265740

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	38

SITE NAME	MAPS	ID
SHATTUCK AUTO CENTER	1,2,4	493708

ADDRESS	CITY	ZIP
3207 SHATTUCK AVENUE	BERKELEY	94705-1824

DETAILS

Site Regulated Program Information
Site ID: 493708
Site EI ID: 110001165266
Agency Provided Latitude: 37.85204
Agency Provided Longitude: -122.2661

Program Description: US EPA Air Emission Inventory System (EIS)

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.22 miles S	140 ft (4 ft lower than site)	38
SITE NAME			**MAPS**	**ID**
SHATTUCK AUTO CTR			1,2,4	569407-PD
ADDRESS			**CITY**	**ZIP**
3207 SHATTUCK AVE			BERKELEY	94705-1824
DETAILS				
Listing Year: 1997 SIC Category: AUTOMOBILE BODY-REPAIRING & PAINTING SIC Code: 753201				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.22 miles S	140 ft (4 ft lower than site)	38
SITE NAME			**MAPS**	**ID**
SHATTUCK AUTO CENTER INC			1,2,4	375873
ADDRESS			**CITY**	**ZIP**
3207 SHATTUCK AVE			BERKELEY	947050000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.22 miles S	140 ft (4 ft lower than site)	38
SITE NAME			**MAPS**	**ID**
SHATTUCK AUTO CENTER INC			1,2,4	CAD079073623
ADDRESS			**CITY**	**ZIP**

3207 SHATTUCK AVE	BERKELEY	94705

DETAILS

Additional details may be found online using the following link:
https://enviro.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=CAD079073623
Source Type: Notification
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
NAICS1: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE
Active Site Indicator: H----
Owner Name: WATERS IRVING
Operator Name: NOT REQUIRED
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ------
Federal Indicator: ---
Hazardous Secondary Material Indicator: N
Operating Under 40 CFR Part 262 Subpart K: ----
Commercial TSD: -
TSD Type: -----
GPRA Permit Baseline: N
GPRA Renewals Baseline: N
Permit Renewal Workload: ------
Permit Workload Universe: ------
Permit Progress Universe: ------
Post-Closure Workload Universe: ------
Closure Workload Universe: ------
GPRA Corrective Action Baseline: N
Corrective Action Workload Universe: N
Subject to Corrective Action Universe: N
Non TSDFs Where CA Has Been Imposed: N
TSDFs Potentially Subject to Corrective Action Under 3004: N
TSDFs Only Subject to Corrective Action Under Discretionary: N

NCAPS Ranking: N
Environmental Control Indicator: N
Institutional Control Indicator: N
Human Exposure Indicator: N
Groundwater Controls Indicator: N
Operating TSDF Universe: ------
Full Enforcement Universe: ------
SNC Universe: N
Unaddressed SNC: N
Addressed SNC: N
SNC With Compliance Schedule: N
Financial Assurance Required: -----

Receive Date: 19860619
Acknowledge Flag Date: 19910331
Contact First Name: ENVIRONMENTAL
Contact Last Name: MANAGER
Contact Street 1: 3207 SHATTUCK AVE
Contact City: BERKELEY
Contact State: CA
Contact Zip: 94705
Contact Country: US
Contact Phone: 415-848-6281
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
TSD Activity: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste Destination Facility: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Fuel Burner: N
Used Oil Fuel Marketer to Burner: N
Used Oil Specification Marketer: N

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.22 miles NW	141 ft (3 ft lower than site)	39

SITE NAME	MAPS	ID
PG&E: Stuart Substation	1,2,4	10135723
ADDRESS	**CITY**	**ZIP**
2016 Stuart Street	Berkeley	94703

DETAILS

General Program & Facility Information
CERS ID: 10135723
Facility ID: Not Reported
Facility Regulator Key ID: Not Reported
Organization Code: 90000226
Business/Organization Name: PG&E
Multiple Jurisdictional Business? (Y/N): Yes
Business Origin: Letter
Count of Business' CERS User Accounts: 104
Facility Count for Business: 1356
Last Submittal Date (any element): 2/28/2017 6:43:14 PM
Count of Submitted Elements: 23
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: CARRIE ESTADT

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: 0
Property Owner Name: Not Reported
Property Owner Phone Number: Not Reported
Property Owner Mailing Address: Not Reported
Property Owner Mailing City: Not Reported
Property Owner Mailing State: Not Reported
Property Owner Mailing Zip Code: Not Reported
Property Owner Mailing Country: Not Reported

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 7/30/2015
Hazardous Waste Generator (HW) Last Inspection Date: Not Reported
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported

Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
Chemical Location: SUBSTATION / Switchgear
Chemical Name: BATTERIES, ELECTRIC STORAGE, WET, FILLED W/ACID
Common Chemical Name: DMP-7 WET CELL LEAD ACID BATTERIES
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Corrosive
Secondary Fire Code Hazardous Class: Water Reactive, Class 2
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 1.5
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: Y
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 18
Maximum Daily Amount Containing a Hazardous Material: 18
Estimate of Annual Amount Handled: 0
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N

Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: BATTERIES
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 28
Haz Component 1 - Component Name: SULFURIC ACID
Haz Component 1 - EHS?: Y
Haz Component 1 - CAS Number: 7664-93-9
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported
Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: SUBSTATION / Yard-Cylinder on equipment
Chemical Name: NITROGEN
Common Chemical Name: NITROGEN
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: 2.2
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: 7727-37-9
Primary Fire Code Hazardous Class: Other Health Hazard
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported

Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: a
Hazardous Material Type: Pure
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Gas
Total Capacity of Largest Container: 228
Fire Haz Category - Fire?: N
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: Y
Fire Haz Category - Acute Health?: N
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 684
Maximum Daily Amount Containing a Hazardous Material: 684
Estimate of Annual Amount Handled: 0
California Hazardous Waste Code: Not Reported
Unit of Measure: Cubic Feet
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: Y
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: N
Other Storage Container: Not Reported
Storage Pressure Code: b
Storage Pressure of Hazardous Material: Above Ambient
Storage Temperature Code: a
Storage Temperature of Hazardous Material: Ambient
Haz Component 1 - Percent by Weight: 100
Haz Component 1 - Component Name: NITROGEN
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 7727-37-9
Haz Component 2 - Percent by Weight: Not Reported
Haz Component 2 - Component Name: Not Reported
Haz Component 2 - EHS?: Not Reported
Haz Component 2 - CAS Number: Not Reported
Haz Component 3 - Percent by Weight: Not Reported

Haz Component 3 - Component Name: Not Reported
Haz Component 3 - EHS?: Not Reported
Haz Component 3 - CAS Number: Not Reported
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: Not Reported
Haz Component 4 - EHS?: Not Reported
Haz Component 4 - CAS Number: Not Reported
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: SUBSTATION / Yard-in operating equipment
Chemical Name: PETROLEUM HYDROCARBON; INDUSTRIAL DIELECTRIC OIL
Common Chemical Name: INSULATING OIL <5 PPM PCB
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Combustible Liquid, Class III-B
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 2492
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 4984
Maximum Daily Amount Containing a Hazardous Material: 4984
Estimate of Annual Amount Handled: 0
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N

Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: EQUIPMENT
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: b
Storage Temperature of Hazardous Material: Above Ambient
Haz Component 1 - Percent by Weight: 0.2
Haz Component 1 - Component Name: BUTYLATED HYDROXY TOLUENE
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 128-37-0
Haz Component 2 - Percent by Weight: 65
Haz Component 2 - Component Name: HYDROTREATED LIGHT NAPHTHENIC DISTILLATE
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 64742-53-6
Haz Component 3 - Percent by Weight: 34
Haz Component 3 - Component Name: HYDROTREATED MIDDLE DISTILLATES
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 64742-46-7
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: POLYCHLORINATED BIPHENYL (<0.0005%)
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 1336-36-3
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: SUBSTATION / Yard-in operating equipment
Chemical Name: PETROLEUM HYDROCARBON; INDUSTRIAL DIELECTRIC OIL
Common Chemical Name: INSULATING OIL <50 PPM PCB
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported

DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Combustible Liquid, Class III-B
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 2206
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N
Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 2206
Maximum Daily Amount Containing a Hazardous Material: 2206
Estimate of Annual Amount Handled: 0
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: N
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: EQUIPMENT
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: b

Storage Temperature of Hazardous Material: Above Ambient
Haz Component 1 - Percent by Weight: 0.2
Haz Component 1 - Component Name: BUTYLATED HYDROXY TOLUENE
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 128-37-0
Haz Component 2 - Percent by Weight: 65
Haz Component 2 - Component Name: HYDROTREATED LIGHT NAPHTHENIC DISTILLATE
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 64742-53-6
Haz Component 3 - Percent by Weight: 34
Haz Component 3 - Component Name: HYDROTREATED MIDDLE DISTILLATES
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 64742-46-7
Haz Component 4 - Percent by Weight: Not Reported
Haz Component 4 - Component Name: POLYCHLORINATED BIPHENYL (<0.005%)
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 1336-36-3
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported
Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Chemical Location: SUBSTATION / Yard-in operating equipment
Chemical Name: PETROLEUM HYDROCARBON; INDUSTRIAL DIELECTRIC OIL
Common Chemical Name: INSULATING OIL <500 PPM PCB
Extremely Hazardous Substance?: N
CERS Chemical Library ID: Not Reported
US EPA Substance Registry System ID: Not Reported
DOT Hazardous Classification ID: Not Reported
DOT Hazard Class: Not Reported
Chemical Abstract Service (CAS) Number: Not Reported
Primary Fire Code Hazardous Class: Combustible Liquid, Class III-B
Secondary Fire Code Hazardous Class: Not Reported
Third Fire Code Hazardous Class: Not Reported
Fourth Fire Code Hazardous Class: Not Reported
Fifth Fire Code Hazardous Class: Not Reported
Sixth Fire Code Hazardous Class: Not Reported
Seventh Fire Code Hazardous Class: Not Reported
Eighth Fire Code Hazardous Class: Not Reported
Hazardous Material Type Code: b
Hazardous Material Type: Mixture
Radio Active?: N
Activity in Curies: Not Reported
Physical State of Hazardous Material Stored: Liquid
Total Capacity of Largest Container: 15
Fire Haz Category - Fire?: Y
Fire Haz Category - Reactive?: N
Fire Haz Category - Pressure Release?: N

Fire Haz Category - Acute Health?: Y
Fire Haz Category - Chronic Health?: N
Average Daily Amount Containing a Hazardous Material: 30
Maximum Daily Amount Containing a Hazardous Material: 30
Estimate of Annual Amount Handled: 0
California Hazardous Waste Code: Not Reported
Unit of Measure: Gallons
Total Number of Days Material is on Site: 365
Storage Container - Aboveground Tank?: N
Storage Container - Underground Tank?: N
Storage Container - Tank Inside Bldg?: N
Storage Container - Steel Drum?: N
Storage Container - Plastic/Non-Metallic Drum?: N
Storage Container - Can?: N
Storage Container - Carboy?: N
Storage Container - Silo?: N
Storage Container - Fiber Drum?: N
Storage Container - Bag?: N
Storage Container - Box?: N
Storage Container - Cyclinder?: N
Storage Container - Glass Bottle?: N
Storage Container - Plastic Bottle?: N
Storage Container - Tote Bin?: N
Storage Container - Tank Truck/Wagon?: Y
Storage Container - Tank/Rail Car?: N
Storage Container - Other?: Y
Other Storage Container: EQUIPMENT
Storage Pressure Code: a
Storage Pressure of Hazardous Material: Ambient
Storage Temperature Code: b
Storage Temperature of Hazardous Material: Above Ambient
Haz Component 1 - Percent by Weight: 0.2
Haz Component 1 - Component Name: BUTYLATED HYDROXY TOLUENE
Haz Component 1 - EHS?: N
Haz Component 1 - CAS Number: 128-37-0
Haz Component 2 - Percent by Weight: 65
Haz Component 2 - Component Name: HYDROTREATED LIGHT NAPHTHENIC DISTILLATE
Haz Component 2 - EHS?: N
Haz Component 2 - CAS Number: 64742-53-6
Haz Component 3 - Percent by Weight: 34
Haz Component 3 - Component Name: HYDROTREATED MIDDLE DISTILLATES
Haz Component 3 - EHS?: N
Haz Component 3 - CAS Number: 64742-46-7
Haz Component 4 - Percent by Weight: 0.05
Haz Component 4 - Component Name: POLYCHLORINATED BIPHENYL (<0.05%)
Haz Component 4 - EHS?: N
Haz Component 4 - CAS Number: 1336-36-3
Haz Component 5 - Percent by Weight: Not Reported
Haz Component 5 - Component Name: Not Reported
Haz Component 5 - EHS?: Not Reported

Haz Component 5 - CAS Number: Not Reported
Chemical Description Comment(s): Not Reported
Additional Mixture Components: Not Reported

Owner/Operator Information
Beginning Date: 3/1/2017
Ending Date: 2/28/2018
Phone Number: None
Fax Number: 510-231-2919
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: 6912877
SIC Code: 4911
NAICS Code: 221122
Mailing Address: PO Box 7640
Mailing Address City: San Francisco
Mailing Address State Code: CA
Mailing Address Zip Code: 94120
Operator Name: Pacific Gas & Electric Company
Operator Phone Number: (510) 437-2019
Owner Name: Pacific Gas & Electric Company
Owner Phone: (415) 973-7000
Owner Mailing Address: c/o Environmental Services Department, 3401 Crow Canyon Road
Owner City: San Ramon
Owner State: CA
Owner Zip Code: 94583
Owner Country: United States
Environmental Contact Name: William Berry
Environmental Contact Phone Number: 707-365-5055
Environmental Contact Mailing Address: 3401 Crow Canyon Road, Bldg 414
Environmental Contact Email Address: wrb5@pge.com
Environmental Contact City: San Ramon
Environmental Contact State: CA
Environmental Contact Zip: 94583
Environmental Contact Country: United States
Primary Emergency Contact Name: Alvin Ella
Primary Emergency Contact Title: Supervisor
Primary Emergency Contact Business Phone Number: (510) 437-2019
Primary Emergency Contact 24Hr Phone: 510-542-0147
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Isabella Johannes
Secondary Emergency Contact Title: Environmental Supervisor
Secondary Emergency Contact Business Phone: 925-519-9672
Secondary Emergency Contact 24Hr Phone: (800) 874-4043
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Liza Marfori, Parsons
Identification Signer Name: Daniel Sanchez

Identification Signer Title: Hazardous Materials & Water Quality Manager
Billing Contact Name: PG&E - CUPA Permits (REF: Stuart Sub)
Billing Contact Phone: 707-551-1674
Billing Contact Email: HazMat@pge.com
Billing Address: PO Box 7640
Billing City: San Francisco
Billing State: CA
Billing Zip: 94120
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: Not Reported
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): N
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): Not Reported

Submittal Information
Submitted Date/Time: 2/28/2017 6:43:14 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 2/28/2017 6:42:21 PM
BP Owner/Operator Last Updated Date: 2/28/2017 6:42:53 PM
Submittal Action Comment 1: Not Reported
Submittal Action Comment 2: additional change - updated environmental contact's address
Facility Info Next Due Date: 3/1/2018
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.14814
Agency Provided Longitude: -119.644249
Horizontal Accuracy: 10
Horizontal Collection Method: Interpolation
Geographic Reference Point: Facility Boundary
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 11/9/2011 3:59:00 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 3/1/2018
Facility Info Last Submitted Date: 2/28/2017 6:43:14 PM
Facility Info Accepted Date: 3/16/2017 10:22:09 AM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 3/1/2018
Inventory Last Submitted Date: 2/28/2017 10:31:22 AM
Inventory Last Accepted Date: 3/16/2017 10:21:55 AM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 3/1/2018
ER Training Last Submitted Date: 2/28/2017 10:31:22 AM
ER Training Last Accepted Date: 3/16/2017 10:22:02 AM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported
RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported

CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
EPA ID: Not Reported
RCRA LQG: No
Violation Date: 7/30/2015
Violation Type Number: 1010010
Class: Minor
Scheduled Return to Compliance Date: 8/29/2015
Actual Return to Compliance Date: 8/3/2015
Actual Return to Compliance Qualifier: Documented
Violation Comment: In the EMergency Response Plan, the phone number listed for the local UPA is for Alameda County, 567-6700. The city of Berkeley Toxics Management Division is the UPA, but listed as other contact.Corrective action: Update plan to list accurate phone number for notifying UPA.
Violation Category: Administration/Documentation
Violation Name: Emergency response plan and procedures
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Citation(s): HSC 6.95 25505(a)(3), 25508(a)(1)

AST, HMRRP & UST Inspection Information
EPA ID: Not Reported
RCRA LQG: No
Inspection Date: 7/30/2015
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 1
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 8/3/2015
Days Out of Compliance: 4
Violation Details Available: Yes
Inspection Comments: Confirmed information in HMBP. Site has SPCC Plan and is conditionally exempt from APSA.

AST, HMRRP & UST Enforcement Information
Type of Enforcement Action: Notice of Violation (NOV) Only
Date of Enforcement Action: 7/30/2015
Type of Formal Enforcement Action: Not Reported
Date a Referred Case Settled or Dropped: Not Reported
Docket Number: Not Reported
Final Fine or Penalty Assessed: Not Reported
Supplemental Environmental Projects Value: Not Reported
Count of Linked Class I Violations: 0

Count of Linked Class II Violations: 0
Count of Linked Minor Violations: 1
Red Tag Issued: No
Red Tag Number: Not Reported
Violations Causing Red Tag: Not Reported
Date Red Tag Affixed: Not Reported
Date Red Tag Removed: Not Reported
Enforcement Comments: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.22 miles NW	141 ft (3 ft lower than site)	**39**

SITE NAME	MAPS	ID
Pacific Gas & Electric Company	1,2,4	10135723-BC

ADDRESS	CITY	ZIP
2016 Stuart ST	Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10135723
Owner Name: PG&E: Stuart Substation
Owner Address: c/o Environmental Services Department, 3401 Crow C
Owner City: SAN RAMON
Owner State: CA
Owner Zip: 94583
Mailing Address: PO Box 7640
Mailing City/State/Zip: San Francisco, CA 94120
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

Program/Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.23 miles N	142 ft (2 ft lower than site)	**40**

SITE NAME	MAPS	ID
T T MOTORS	1,2,4	7814437
ADDRESS	**CITY**	**ZIP**
2800 ADELINE ST	BERKELEY	947030000

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERS-CA	Listed	0.23 miles E	175 ft (31 ft higher than site)	**41**

SITE NAME	MAPS	ID
Berkeley Pines Skilled Nursing Center	1,2,4	10684444
ADDRESS	**CITY**	**ZIP**
2223 Ashby Ave	Berkeley	94705

DETAILS

General Program & Facility Information
CERS ID: 10684444
Facility ID: Not Reported
Facility Regulator Key ID: Not Reported
Organization Code: 90637231
Business/Organization Name: Berkeley Pines Skilled Nursing Center
Multiple Jurisdictional Business? (Y/N): No
Business Origin: Business
Count of Business' CERS User Accounts: 1
Facility Count for Business: 1
Last Submittal Date (any element): 2/1/2017 2:03:44 PM
Count of Submitted Elements: 13
Remote Facility? (Y/N): No
Small Quantity Generator Facility? (Y/N): No
Local Facility Grouping: CARRIE ESTADT

Facility Specific Information
Assessor Parcel Number (APN): Not Reported
Number of Employees: Not Reported
Property Owner Name: Allen Leung
Property Owner Phone Number: 5109268288
Property Owner Mailing Address: 2223 Ashby Ave.

Property Owner Mailing City: Berkeley
Property Owner Mailing State: CA
Property Owner Mailing Zip Code: 94705
Property Owner Mailing Country: United States

Inspection Information
Aboveground Petroleum Storage Act (APSA) Last Inspection Date: Not Reported
California Accidental Release Prevention (CalARP) Last Inspectio: Not Reported
Conditionally Authorized (CA) Last Inspection Date: Not Reported
Conditionally Exempt (CE) Last Inspection Date: Not Reported
Household Hazardous Waste Collection (HHW) Last Inspection Date: Not Reported
Hazardous Materials Release Response Plan (HMRRP) Last Inspectio: 8/23/2016
Hazardous Waste Generator (HW) Last Inspection Date: 8/23/2016
RCRA Large Quantity Generator (HWLQG) Last Inspection Date: Not Reported
Hazardous Waste Recycler (HWRecycler) Last Inspection Date: Not Reported
Permit By Rule (PBR) Last Inspection: Not Reported
Underground Storage Tank (UST) Last Inspection Date: Not Reported

Hazardous Material Inventory Information
: Not Reported
Owner/Operator Information
Beginning Date: Not Reported
Ending Date: Not Reported
Phone Number: 5106496670
Fax Number: 5108432711
Supplemental Location: Not Reported
County: Alameda
Dun & Bradstreet D-U-N-S Number: Not Reported
SIC Code: Not Reported
NAICS Code: Not Reported
Mailing Address: 2223 Ashby Ave
Mailing Address City: Berkeley
Mailing Address State Code: CA
Mailing Address Zip Code: 94705
Operator Name: Allen Leung
Operator Phone Number: 5109268288
Owner Name: Allen Leung
Owner Phone: 5106496670
Owner Mailing Address: 2223 Ashby Ave.
Owner City: Berkeley
Owner State: CA
Owner Zip Code: 94705
Owner Country: United States
Environmental Contact Name: Mary Ann Lagazon
Environmental Contact Phone Number: 5106496670
Environmental Contact Mailing Address: 2223 Ashby Ave.
Environmental Contact Email Address: maryann.lagazon@berkeley-pines.com
Environmental Contact City: Berkeley

Environmental Contact State: CA
Environmental Contact Zip: 94705
Environmental Contact Country: United States
Primary Emergency Contact Name: Mary Ann Lagazon
Primary Emergency Contact Title: Administrator
Primary Emergency Contact Business Phone Number: 5106496670
Primary Emergency Contact 24Hr Phone: 5103347712
Primary Emergency Contact Pager Number: Not Reported
Secondary Emergency Contact Name: Barbara Sanchez
Secondary Emergency Contact Title: Director of Nursing
Secondary Emergency Contact Business Phone: 5106496670
Secondary Emergency Contact 24Hr Phone: 9252121488
Secondary Emergency Contact Pager Number: Not Reported
Additional Local Collected Info: Not Reported
Identification Signed Date: Not Reported
Document Preparer Name: Mary Ann Lagazon
Identification Signer Name: Mary Ann Lagazon
Identification Signer Title: Administrator
Billing Contact Name: Kathy Owens
Billing Contact Phone: 9258086540
Billing Contact Email: kathy.owens@pittsburgsnc.com
Billing Address: 535 School St
Billing City: Pittsburg
Billing State: CA
Billing Zip: 94565
Billing Country: United States
Business Owner/Operator Regulator Key: Not Reported

Business Activity Information
EPA ID: Not Reported
Hazardous Materials On Site? (Y/N): Y
CAL ARP Regulated Substances? (Y/N): N
Own or Operator USTs? (Y/N): N
Own or Operator APSTs? (Y/N): N
Hazardous Waste Generator? (Y/N): N
Recycles Materials? (Y/N): N
On-site HW Treatment? (Y/N): N
Financial Assurance? (Y/N): N
Remote Waste Consolidation Site? (Y/N): N
Hazardous Waste Tank Closure? (Y/N): N
RCRA Large Quantity Generator? (Y/N): N
Household Hazardous Waste (HHW) Collection? (Y/N): N
Business Activity Comment(s): No EPA ID is required for the facility due to small generator status.

Submittal Information
Submitted Date/Time: 2/1/2017 2:03:44 PM
Submittal Action: Accepted
BP Activities Last Updated Date: 2/1/2017 2:03:23 PM

BP Owner/Operator Last Updated Date: 2/1/2017 2:03:23 PM
Submittal Action Comment 1: Thank you for your annual HMBP submittal for FY18. If there are any changes in the information provided, please make sure to update your submittal within 30 days of that change. Please note, the information in this HMBP submittal is also subject to field inspection verification which is to be scheduled in accordance with the UPAs existing inspection schedule.
Submittal Action Comment 2: Not Reported
Facility Info Next Due Date: 3/1/2018
Biz Activities Regulator Key: Not Reported

Supplemental Geographic Information
Agency Provided Latitude: 37.85614
Agency Provided Longitude: -122.2627
Horizontal Accuracy: 50
Horizontal Collection Method: Address Matching
Geographic Reference Point: Facility Center/Centroid
Horizontal Reference Datum: WGS84 (World Geodetic System of 1984)
Data Collection Date: 6/22/2016 2:22:32 PM

Submittal Element Regulator Information
CUPA Regulator Code: 6120
Facility Info Reporting Requirement: Applicable
Facility Info Next Due Date: 3/1/2018
Facility Info Last Submitted Date: 2/1/2017 2:03:44 PM
Facility Info Accepted Date: 3/22/2017 12:18:07 PM
Inventory Regulator Code: 6120
Inventory Reporting Requirement: Applicable
Inventory Next Due Date: 3/1/2018
Inventory Last Submitted Date: 2/1/2017 2:03:44 PM
Inventory Last Accepted Date: 3/22/2017 12:18:12 PM
ER Training Regulator Code: 6120
ER Training Reporting Requirement: Applicable
ER Training Next Due Date: 3/1/2018
ER Training Last Submitted Date: 2/1/2017 2:03:44 PM
ER Training Last Accepted Date: 3/22/2017 12:18:17 PM
UST Regulator Code: 6120
UST Reporting Requirement: Not Applicable
UST Next Due Date: Not Reported
UST Last Submitted Date: Not Reported
UST Last Accepted Date: Not Reported
HW Treat Regulator Code: 6120
HW Treat Reporting Requirement: Not Applicable
HW Treat Next Due Date: Not Reported
HW Treat Last Submitted Date: Not Reported
HW Treat Last Accepted Date: Not Reported
RMR Regulator Code: 6120
RMR Reporting Requirement: Not Applicable
RMR Next Due Date: Not Reported
RMR Last Submitted Date: Not Reported

RMR Last Accepted Date: Not Reported
Consolidation Regulator Code: 6120
Consolidation Reporting Requirement: Not Applicable
Consolidation Next Due Date: Not Reported
Consolidation Last Submitted Date: Not Reported
Consolidation Last Accepted Date: Not Reported
Tank Closure Regulator Code: 6120
Tank Closure Reporting Requirement: Not Applicable
Tank Closure Next Due Date: Not Reported
Tank Closure Last Submitted Date: Not Reported
Tank Closure Last Accepted Date: Not Reported
APSA Regulator Code: 6120
APSA Reporting Requirement: Not Applicable
APSA Next Due Date: Not Reported
APSA Last Submitted Date: Not Reported
APSA Last Accepted Date: Not Reported
CalARP Regulator Code: 6120
CalARP Reporting Requirement: Not Applicable
CalARP Next Due Date: Not Reported
CalARP Last Submitted Date: Not Reported
CalARP Last Accepted Date: Not Reported

UST Facility and Program Information
: Not Reported
Tank & Monitoring Plan Information
: Not Reported
AST, HMRRP & UST Violation Information
EPA ID: Not Reported
RCRA LQG: No
Violation Date: 8/23/2016
Violation Type Number: 1010004
Class: Minor
Scheduled Return to Compliance Date: 9/22/2016
Actual Return to Compliance Date: 9/7/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: The inventory information is incomplete in that the storage amounts are not all listed, the storage pressure and temperatures are not listed, the chemical locations are not listed.Corrective action: Update the inventory to include all fields applicable for each inventory item and resubmit.
Violation Category: Administration/Documentation
Violation Name: Hazardous materials inventory
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Citation(s): HSC 6.95 25505(a)(1), 25506, 25508(a)(1)

Violation Date: 8/23/2016
Violation Type Number: 1010005
Class: Minor
Scheduled Return to Compliance Date: 9/22/2016
Actual Return to Compliance Date: 9/7/2016

Actual Return to Compliance Qualifier: Documented
Violation Comment: the Site Map does not include north direction, adjacent streets, emergency shutoffs, evacuation staging area, hazardous materials storage areas or storm and sewer drains.Corrective action: Update the map to include all of the above items and upload to CERS. In addition, remove the map currently in the system.
Violation Category: Administration/Documentation
Violation Name: Site map
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Citation(s): HSC 6.95 25505(a)(2), 25508(a)(1)

Violation Date: 6/22/2016
Violation Type Number: 1010001
Class: Class 2
Scheduled Return to Compliance Date: 7/24/2016
Actual Return to Compliance Date: 6/28/2016
Actual Return to Compliance Qualifier: Documented
Violation Comment: Not Reported
Violation Category: Administration/Documentation
Violation Name: Hazardous Materials Business Plan Implementation
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Citation(s): HSC 6.95 25507

AST, HMRRP & UST Inspection Information
EPA ID: Not Reported
RCRA LQG: No
Inspection Date: 8/23/2016
Inspection Type: Routine
Number of Class I Violations: 0
Number of Class II Violations: 0
Number of Minor Violations: 2
Significant Operational Compliance: With both Release Detection and Release Prevention
Date Returned to Compliance: 9/7/2016
Days Out of Compliance: 15
Violation Details Available: Yes
Inspection Comments: Onsite to confirm information submitted in the Hazardous Materials Business Plan (HMBP). Emergency response section submitted 6/24/216 and hazardous materials section submitted 6/28/16 in CERS. Training includes fire drills which are conducted monthly and an internal disaster drill every 6 months. Records of drills/training were confirmed. Walkthrough review of inventory and full plan. Storage of cleaning supplies, propane for the generator and oxygen.

Inspection Date: 6/24/2016
Inspection Type: Other
Number of Class I Violations: 0
Number of Class II Violations: 1
Number of Minor Violations: 0
Significant Operational Compliance: Not Reported
Date Returned to Compliance: 6/28/2016
Days Out of Compliance: 4
Violation Details Available: Yes
Inspection Comments: Due to the Hazardous Materials located at your site, (Propane, cleaning chemicals, oxygen, laundry

cleaning chemicals). Your facility must complete a Hazardous Materials Business Plan. Please log into CERS (California Environmental REporting System) and register and complete required documentation. If there are any questions please call me at the number above.

AST, HMRRP & UST Enforcement Information
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
City-CUPA-CA	01 - ACTIVE, CUPA	0.23 miles E	175 ft (31 ft higher than site)	41
SITE NAME			**MAPS**	**ID**
Allen Leung			1,2,4	10684444-BC
ADDRESS			**CITY**	**ZIP**
2223 Ashby Ave			Berkeley	

DETAILS

Responsible Agency: City of Berkeley
Facility ID: 10684444
Owner Name: Berkeley Pines Skilled Nursing Center
Owner Address: 2223 Ashby Ave.
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94705
Mailing Address: 2223 Ashby Ave
Mailing City/State/Zip: Berkeley, CA 94705
Program/Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.23 miles E	175 ft (31 ft higher than site)	41
SITE NAME			**MAPS**	**ID**
Berkeley Pines Skilled Nursing Center			1,2,4	373678
ADDRESS			**CITY**	**ZIP**

2223 ASHBY AVE	BERKELEY	94705

DETAILS

Site Regulated Program Information
Site ID: 373678
Site EI ID: 10684444
Agency Provided Latitude: 37.85614
Agency Provided Longitude: -122.262703

Program Description: Chemical Storage Facilities

Program Description: Hazardous Waste Generator

Evaluation Information
Evaluation Date: 7/19/2018
Violations Found? (Y/N): Yes
Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Non-inspection related violation
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 8/23/2016
Violations Found? (Y/N): Yes
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Onsite to confirm information submitted in the Hazardous Materials Business Plan (HMBP). Emergency response section submitted 6/24/216 and hazardous materials section submitted 6/28/16 in CERS. Training includes fire drills which are conducted monthly and an internal disaster drill every 6 months. Records of drills/training were confirmed. Walkthrough review of inventory and full plan. Storage of cleaning supplies, propane for the generator and oxygen.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Evaluation Date: 8/23/2016
Violations Found? (Y/N): No
Evaluation General Type: Compliance Evaluation Inspection
Evaluation Type: Routine done by local agency
Evaluation Note(s): Facility does not generate hazardous waste. Stericycle picks up medical waste, red bag waste about once or twice per month. Unused medicines are returned to pharmacy for credit. Pharmaceutical wastes are placed in the blue lid container for disposal by Stericycle.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HW
Evaluation Source: CERS

Evaluation Date: 6/24/2016
Violations Found? (Y/N): Yes

Evaluation General Type: Other/Unknown
Evaluation Type: Other, not routine, done by local agency
Evaluation Note(s): Due to the Hazardous Materials located at your site, (Propane, cleaning chemicals, oxygen, laundry cleaning chemicals). Your facility must complete a Hazardous Materials Business Plan. Please log into CERS (California Environmental REporting System) and register and complete required documentation. If there are any questions please call me at the number above.
Evaluation Division: Berkeley City Toxics Management Division
Evaluation Program: HMRRP
Evaluation Source: CERS

Violation Information
Violation Date: 7/19/2018
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Note(s): Returned to compliance on 08/03/2018. Non-inspection related violation: Failure to submit corrected HMBP within 30 days following notice of deficiencies. HSC 25508(a)(2)
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 8/23/2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Note(s): Returned to compliance on 09/07/2016. The inventory information is incomplete in that the storage amounts are not all listed, the storage pressure and temperatures are not listed, the chemical locations are not listed. Corrective action: Update the inventory to include all fields applicable for each inventory item and resubmit.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 8/23/2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Note(s): Returned to compliance on 09/07/2016. the Site Map does not include north direction, adjacent streets, emergency shutoffs, evacuation staging area, hazardous materials storage areas or storm and sewer drains. Corrective action: Update the map to include all of the above items and upload to CERS. In addition, remove the map currently in the system.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Violation Date: 6/22/2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Note(s): Returned to compliance on 06/28/2016.
Violation Division: Berkeley City Toxics Management Division
Violation Program: HMRRP
Violation Source: CERS

Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
Program ID: 10684444
ENV INT Type Code: HMBP
Coordinate Name: Not Reported
Reference Point Type Description: Center of a facility or station.
Agency Provided Latitude: 37.856140
Agency Provided Longitude: -122.262700

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles S	136 ft (8 ft lower than site)	42
SITE NAME			**MAPS**	**ID**
FLINTS' BBQ RESTAURANT			1,2,4	5717561
ADDRESS			**CITY**	**ZIP**
6601 SHATTUCK AVE			OAKLAND	94609
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CRSP-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1,2,4	246675
ADDRESS			**CITY**	**ZIP**

2020 STUART ST	BERKELEY	94704

DETAILS

Site Regulated Program Information
Site ID: 246675
Site EI ID: T0600100245
Agency Provided Latitude: 37.858068
Agency Provided Longitude: -122.268362

Program Description: Leaking Underground Storage Tank Cleanup Site

Evaluation Information
: Not Reported
:Violation Information
: Not Reported
:Enforcement Information
: Not Reported
:Chemical Information
: Not Reported
:Coordinate Information
: Not Reported
:

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	**43**

SITE NAME	MAPS	ID
CALIFORNIA CUNOCAR	1,2,4	T0600100245

ADDRESS	CITY	ZIP
2020 STUART ST	BERKELEY	94704

DETAILS

Global ID: T0600100245
County: Alameda
Site History: Not Reported
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0262

Loc Case Number: 01-0262
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Action Date: 2010-06-23
Action Type: ENFORCEMENT
Action: Referral to Other State Agency

Action Date: 1999-11-22
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 1994-11-09
Action Type: ENFORCEMENT
Action: Clean Up Fund - Letter to RP - #01-0262

Action Date: 1994-07-05
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #01-0262

Action Date: 1991-12-04
Action Type: ENFORCEMENT
Action: File review - #01-0262

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43

SITE NAME	MAPS	ID
1X CALIF CUNOCAR INC	1,2,4	7730662

ADDRESS	CITY	ZIP
2020 STUART ST	BERKELEY	947030000

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

Hist-HWS-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1,2,4	3080514
ADDRESS			**CITY**	**ZIP**
2020 STUART			BERKELEY	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1,2,4	3080514
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-MTBE-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43
SITE NAME			**MAPS**	**ID**
CALIFORNIA CUNOCAR			1,2,4	8120-R2
ADDRESS			**CITY**	**ZIP**
2020 STUART ST			BERKELEY	94704
DETAILS				
Region: 2 - San Francisco County: Alameda				

Ground Water Detection Limit: < 1
Soil Detection Limit: Not Reported
MTBE Cnts: 1
MTBE Fuel: 1
Status: 9
MTBE Tested: YES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-SLIC-CA	Listed	0.24 miles NW	141 ft (3 ft lower than site)	43

SITE NAME	MAPS	ID
CALIFORNIA CUNOCAR	1,2,4	3080514

ADDRESS	CITY	ZIP
2020 STUART ST	BERKELEY	94704

DETAILS

Reported Date: 1998
List: Region #2-San Francisco Bay Fuel Leaks List
Agency: Regional Water Quality Control Board, Region #2

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.24 miles NW	141 ft (3 ft lower than site)	43

SITE NAME	MAPS	ID
CALIFORNIA CUNOCAR	1,2,4	T0600100245

ADDRESS	CITY	ZIP
2020 STUART ST	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100245
Global ID: T0600100245
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/22/1999

CUF Case: YES
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0262
Loc Case Number: 01-0262
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 11/18/1991
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.858068
Agency Provided Longitude: -122.268362

Regulatory Activities Details
Action Date: 1991-11-18 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1991-11-18 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1991-11-18 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1991-11-18 00:00:00
Action Type: RESPONSE
Action: CAP/RAP - Other Report

Action Date: 1991-12-04 00:00:00
Action Type: ENFORCEMENT
Action: File review - #01-0262

Action Date: 1991-12-13 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 1992-05-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1992-05-20 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1992-05-22 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-06-10 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-08-03 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-09-03 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-02-11 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-11-12 00:00:00
Action Type: RESPONSE
Action: Interim Remedial Action Plan

Action Date: 1994-07-05 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #01-0262

Action Date: 1994-07-18 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-08-01 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-08-01 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-08-25 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 1994-09-06 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-09-09 00:00:00

Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-10-05 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1994-10-20 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-11-09 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Letter to RP - #01-0262

Action Date: 1995-05-03 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-05-10 00:00:00
Action Type: RESPONSE
Action: Well Installation Workplan

Action Date: 1995-05-11 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1995-08-21 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1995-10-25 00:00:00
Action Type: RESPONSE
Action: CAP/RAP - Other Report

Action Date: 1995-11-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-11-22 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2010-06-23 00:00:00
Action Type: ENFORCEMENT
Action: Referral to Other State Agency

Status History Details
Status Date: 1999-11-22 00:00:00

Status: Completed - Case Closed

Status Date: 1998-12-07 00:00:00
Status: Open - Site Assessment

Status Date: 1993-06-15 00:00:00
Status: Open - Remediation

Status Date: 1992-05-07 00:00:00
Status: Open - Site Assessment

Status Date: 1991-12-19 00:00:00
Status: Open - Site Assessment

Status Date: 1991-12-12 00:00:00
Status: Open - Site Assessment

Status Date: 1991-11-18 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.26 miles N	150 ft (6 ft higher than site)	44
SITE NAME			MAPS	ID

FORMER SHELL SERVICE STATION	1,4	T0600194037
ADDRESS	**CITY**	**ZIP**
2747 ADELINE ST	BERKELEY	94703

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600194037
Global ID: T0600194037
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 9/18/2001
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 231201
Loc Case Number: 02-498-001
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 7/26/1997
How Discovered: Other Means
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.858789
Agency Provided Longitude: -122.26719

Regulatory Activities Details
Action Date: 1997-07-26 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 2001-08-28 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2001-09-19 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2001-09-18 00:00:00
Status: Completed - Case Closed

Status Date: 1997-07-26 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: UNKNOWN
Organization Name: BERKELEY, CITY OF
Contact Address: Not Reported
Contact City: UNKNOWN
Contact Email: Not Reported
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-Closed-CA	Closed	0.26 miles S	136 ft (8 ft lower than site)	45
SITE NAME			**MAPS**	**ID**
SHATTUCK IMPORTS			1,4	RO0003045-ALA-C
ADDRESS			**CITY**	**ZIP**
6562 SHATTUCK AVE			OAKLAND	94609

DETAILS

County: Alameda
Responsible Agency: Alameda County Environmental Health
LOP Records Search URL: https://dehpra.acgov.org/LOP
URL Instructions: Use Record ID to Search
Record ID: RO0003045
Substance Code: 8006619
Substance Description: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Release Type: UST

Release Type Description: Substance released from Underground Storage Tank System
Program: LUST
Program Description: RP Identified & Solvent
RP Identification Date: 6/2/1985
Affected Media Description: Undetermined affected
Agency Provided Latitude: 37.851361302
Agency Provided Longitude: -122.265868846
Organization Name: ALAMEDA COUNTY LOP
Organization Type: Not Applicable
Status: Case Closed

Organization Name: ESTATE OF PRASITTE SAKARINDR
Organization Type: Property/Fee Title Owner
Status: Case Closed

Organization Name: KENNETH E BEESEN & GLORIA ZARIFA TRS
Organization Type: Property/Fee Title Owner
Status: Case Closed

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-Open-CA	Open	0.26 miles S	136 ft (8 ft lower than site)	45

SITE NAME	MAPS	ID
SHATTUCK IMPORTS	1,4	RO0003045-ALA

ADDRESS	CITY	ZIP
6562 SHATTUCK AVE	OAKLAND	94609

DETAILS

County: Alameda
Responsible Agency: Alameda County Environmental Health
GIS Mapper URL: http://gis.acgov.org/DEH/InspectionResults/?SITE=LOP
URL Instructions: Go to URL, Choose in drop down Record Id-RO Number, Enter RO Number and Search
Record ID: RO0003045
Substance Code: 8006619
Substance Description: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Release Type: UST
Release Type Description: Substance released from Underground Storage Tank System
Program: LUST
Program Description: RP Identified & Solvent
RP Identification Date: 6/2/1985
Affected Media Description: Undetermined affected
Agency Provided Latitude: 37.851361302

Agency Provided Longitude: -122.265868846
Organization Name: ALAMEDA COUNTY LOP
Organization Type: Not Applicable
Status: Pollution Characterization

Organization Name: ALAMEDA COUNTY LOP
Organization Type: Not Applicable
Status: Leak Confirmation

Organization Name: ESTATE OF PRASITTE SAKARINDR
Organization Type: Property/Fee Title Owner
Status: Leak Confirmation

Organization Name: ESTATE OF PRASITTE SAKARINDR
Organization Type: Property/Fee Title Owner
Status: Pollution Characterization

Organization Name: KENNETH E BEESEN & GLORIA ZARIFA TRS
Organization Type: Property/Fee Title Owner
Status: Pollution Characterization

Organization Name: KENNETH E BEESEN & GLORIA ZARIFA TRS
Organization Type: Property/Fee Title Owner
Status: Leak Confirmation

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.26 miles S	136 ft (8 ft lower than site)	45

SITE NAME	MAPS	ID
SHATTUCK IMPORTS	1,4	T0600101219

ADDRESS	CITY	ZIP
6562 SHATTUCK AVE	OAKLAND	94609

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101219
Global ID: T0600101219
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/22/2014
CUF Case: NO
Lead Agency: ALAMEDA COUNTY LOP

Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-1324
Loc Case Number: RO0003045
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Soil
Begin Date: 6/2/1985
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Other Means
Stop Method Description: Not Reported
Agency Provided Latitude: 37.851323184
Agency Provided Longitude: -122.26575136

Regulatory Activities Details
Action Date: 1985-06-02 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1985-06-02 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1985-06-02 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1985-07-03 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1985-07-03 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 2010-07-12 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20100712

Action Date: 2010-08-11 00:00:00
Action Type: RESPONSE
Action: Electronic Reporting Submittal Due

Action Date: 2011-02-22 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20110222

Action Date: 2011-03-10 00:00:00

Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2011-05-23 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2012-03-02 00:00:00
Action Type: ENFORCEMENT
Action: File review

Action Date: 2014-06-30 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140630

Action Date: 2014-07-15 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20140715

Action Date: 2014-08-14 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140814

Action Date: 2014-12-22 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter - #20141222

Status History Details
Status Date: 2014-12-22 00:00:00
Status: Completed - Case Closed

Status Date: 2014-07-15 00:00:00
Status: Open - Eligible for Closure

Status Date: 1985-06-02 00:00:00
Status: Open - Case Begin Date

Status Date: 1985-06-02 00:00:00
Status: Open - Site Assessment

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: KAREL DETTERMAN
Organization Name: ALAMEDA COUNTY LOP
Contact Address: 1131 Harbor Bay Parkway
Contact City: ALAMEDA
Contact Email: karel.detterman@acgov.org
Contact Phone Number: 5105676708

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.31 miles NE	179 ft (35 ft higher than site)	46

SITE NAME	MAPS	ID
FUKUNAGA PROPERTY	1,4	T0600101685

ADDRESS	CITY	ZIP
2227 OREGON ST	BERKELEY	94705

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101685
Global ID: T0600101685
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/7/1993
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1819
Loc Case Number: 01-1819
File Location: Not Reported
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Potential Media Affected: Soil
Begin Date: 8/20/1993
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported

Agency Provided Latitude: 37.858298
Agency Provided Longitude: -122.262687

Regulatory Activities Details
Action Date: 1993-08-20 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1993-08-20 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1993-08-20 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1993-09-22 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 1993-09-22 00:00:00
Action Type: RESPONSE
Action: Request for Closure

Status History Details
Status Date: 1993-10-07 00:00:00
Status: Completed - Case Closed

Status Date: 1993-09-22 00:00:00
Status: Open - Site Assessment

Status Date: 1993-08-20 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400

Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.31 miles N	154 ft (10 ft higher than site)	47

SITE NAME	MAPS	ID
BEKINS VAN STORAGE	1,4	T0600100167

ADDRESS	CITY	ZIP
2721 SHATTUCK AVE	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100167
Global ID: T0600100167
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/8/1996
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0180
Loc Case Number: 01-0180
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 8/11/1988
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.8596534
Agency Provided Longitude: -122.2669727

Regulatory Activities Details

Action Date: 1988-08-11 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1988-08-11 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1988-08-11 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1988-08-30 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1989-03-03 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1993-05-09 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1996-10-08 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 1996-10-08 00:00:00
Status: Completed - Case Closed

Status Date: 1988-09-01 00:00:00
Status: Open - Site Assessment

Status Date: 1988-08-11 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker

Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.32 miles S	131 ft (13 ft lower than site)	48

SITE NAME	MAPS	ID
GAS STATION / EAST BAY SMOG CENTER & AUTO REPAIR	1,4	T10000002456

ADDRESS	CITY	ZIP
6501 SHATTUCK AVE	OAKLAND	94609

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002456
Global ID: T10000002456
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 6/27/2014
CUF Case: YES
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: Not Reported
Loc Case Number: RO0003066
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Lead, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 10/1/2009
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Close and Remove Tank
Stop Method Description: Not Reported
Agency Provided Latitude: 37.850482378
Agency Provided Longitude: -122.26612687

Regulatory Activities Details
Action Date: 2009-10-01 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 2009-10-01 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 2010-02-19 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2010-11-18 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20101118

Action Date: 2010-12-02 00:00:00
Action Type: RESPONSE
Action: Interim Remedial Action Plan

Action Date: 2011-02-10 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20110210

Action Date: 2011-05-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2011-07-08 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2012-05-24 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20120524

Action Date: 2013-02-22 00:00:00
Action Type: ENFORCEMENT
Action: File review

Action Date: 2013-10-04 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20131004

Action Date: 2013-10-24 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2014-03-12 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Participation Document - #20140312

Action Date: 2014-03-12 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140312

Action Date: 2014-03-16 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20140316

Action Date: 2014-06-03 00:00:00
Action Type: RESPONSE
Action: Well Destruction Report

Action Date: 2014-06-26 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter - #20140627

Action Date: 2016-09-12 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20160912

Status History Details
Status Date: 2014-06-27 00:00:00
Status: Completed - Case Closed

Status Date: 2013-08-10 00:00:00
Status: Open - Eligible for Closure

Status Date: 2011-10-13 00:00:00
Status: Open - Assessment & Interim Remedial Action

Status Date: 2010-08-27 00:00:00
Status: Open - Site Assessment

Status Date: 2009-10-01 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: KAREL DETTERMAN
Organization Name: ALAMEDA COUNTY LOP
Contact Address: 1131 Harbor Bay Parkway
Contact City: ALAMEDA
Contact Email: karel.detterman@acgov.org

Contact Phone Number: 5105676708

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
MTBE Date: 7/21/2010
GW CONC (PPB): 1.9
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.35 miles N	155 ft (11 ft higher than site)	49

SITE NAME	MAPS	ID
MCKEVITT VOLVO	1,4	T0600100948

ADDRESS	CITY	ZIP
2700 SHATTUCK AVE	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100948
Global ID: T0600100948
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 8/10/2000
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1027
Loc Case Number: 01-1027
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)

Begin Date: 9/2/1986
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.859781
Agency Provided Longitude: -122.267824

Regulatory Activities Details
Action Date: 1986-09-02 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1986-09-02 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1986-09-02 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1986-09-29 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1986-09-29 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1987-02-06 00:00:00
Action Type: RESPONSE
Action: Remedial Progress Report

Action Date: 1987-02-20 00:00:00
Action Type: RESPONSE
Action: Remedial Progress Report

Action Date: 1987-02-20 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1988-08-03 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1988-08-03 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1993-11-15 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-11-29 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-05-13 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-05-13 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-07-19 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-07-19 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-08-15 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-08-15 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1994-08-15 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 1995-08-18 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1995-08-18 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2000-08-10 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details

Status Date: 2000-08-10 00:00:00
Status: Completed - Case Closed

Status Date: 1995-10-17 00:00:00
Status: Open - Site Assessment

Status Date: 1986-09-02 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.38 miles N	157 ft (13 ft higher than site)	**50**
SITE NAME			**MAPS**	**ID**
BERKELEY FIRE STATION #5			1,4	T0600100583
ADDRESS			**CITY**	**ZIP**
2680 SHATTUCK AVE			BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100583

Global ID: T0600100583
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/1/1999
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0633
Loc Case Number: 01-0633
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Soil
Begin Date: 2/6/1992
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.86055
Agency Provided Longitude: -122.267515

Regulatory Activities Details
Action Date: 1992-02-06 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1992-02-06 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1992-02-06 00:00:00
Action Type: Other
Action: Leak Stopped

Status History Details
Status Date: 1999-01-01 00:00:00
Status: Completed - Case Closed

Status Date: 1992-08-04 00:00:00
Status: Open - Site Assessment

Status Date: 1992-02-06 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER

Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Site Assessment	0.4 miles E	196 ft (52 ft higher than site)	**51**

SITE NAME	MAPS	ID
CHEVRON SERVICE STATION	1,4	T0600194038

ADDRESS	CITY	ZIP
2996 TELEGRAPH AVE	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600194038
Global ID: T0600194038
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 7/7/2014
CUF Case: YES
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: JMJ
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-0354
Loc Case Number: TT01-0354
File Location: Local Agency
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)

Begin Date: 9/20/1989
How Discovered: Other Means
How Discovered Description: Not Reported
Stop Method: Close and Replace Tank
Stop Method Description: Not Reported
Agency Provided Latitude: 37.856424838
Agency Provided Longitude: -122.26013212

Regulatory Activities Details
Action Date: 1986-04-11 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1987-02-24 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1987-02-25 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1987-02-28 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1987-03-06 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1987-03-10 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1987-03-23 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1987-07-20 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-04-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1989-07-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1989-08-23 00:00:00
Action Type: RESPONSE
Action: Phase I Assessment Report

Action Date: 1989-08-23 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1989-10-11 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1989-10-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1989-10-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-01-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-01-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-04-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-04-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-04-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1990-06-21 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1990-07-26 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-01-14 00:00:00
Action Type: RESPONSE

Action: Monitoring Report - Quarterly

Action Date: 1991-04-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-07-11 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-07-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-09-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1991-09-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-01-03 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-02-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-02-25 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-06-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-07-03 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-08-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1992-08-18 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-09-02 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Addendum

Action Date: 1992-09-09 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-10-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-10-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1992-10-23 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-11-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Other

Action Date: 1992-11-13 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1992-12-14 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-01-05 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-04-01 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-07-10 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-08-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-08-12 00:00:00
Action Type: RESPONSE

Action: Other Report / Document

Action Date: 1993-08-19 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1993-09-23 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Addendum

Action Date: 1993-10-25 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1993-11-01 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1993-11-03 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1993-11-18 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 1993-12-08 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1993-12-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-01-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-03-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-04-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-06-24 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1994-07-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-07-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-08-23 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1994-09-15 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1994-09-29 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-10-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-01-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-02-24 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1995-03-30 00:00:00
Action Type: RESPONSE
Action: Remedial Progress Report

Action Date: 1995-04-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-05-08 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1995-05-10 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1995-05-30 00:00:00
Action Type: RESPONSE

Action: Proposed Plan

Action Date: 1995-06-20 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1995-07-10 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1995-08-10 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1995-10-11 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-01-25 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-07-05 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-08-12 00:00:00
Action Type: RESPONSE
Action: Remedial Progress Report

Action Date: 1996-08-14 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1996-09-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-10-08 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1996-10-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1996-10-11 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1996-10-17 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1996-11-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Other

Action Date: 1997-01-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1997-04-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1997-09-04 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-10-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1997-10-29 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1997-11-01 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1997-12-10 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1997-12-19 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1998-02-05 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1998-03-10 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Other

Action Date: 1998-04-30 00:00:00
Action Type: RESPONSE

Action: Monitoring Report - Quarterly

Action Date: 1998-05-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-03-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-04-22 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-07-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-12-15 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-02-23 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-04-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-09-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-11-22 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-02-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-05-01 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-07-19 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-10-09 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2001-11-01 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-01-17 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2002-02-02 00:00:00
Action Type: REMEDIATION
Action: Pump & Treat (P&T) Groundwater

Action Date: 2002-04-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-07-22 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-11-01 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2002-12-17 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2003-02-04 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-04-29 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-07-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-10-29 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-01-23 00:00:00
Action Type: RESPONSE

Action: Monitoring Report - Quarterly

Action Date: 2004-03-10 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2004-04-23 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-07-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-10-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2005-01-26 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2005-07-26 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2007-05-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2009-11-12 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2009-11-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2009-12-02 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2012-11-06 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2013-04-09 00:00:00
Action Type: RESPONSE
Action: Request for Closure - Regulator Responded

Action Date: 2013-06-12 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 2014-03-18 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 2014-09-25 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2014-09-25 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement - #13267

Action Date: 2014-12-19 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2015-02-06 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2015-05-13 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Workplan - Regulator Responded

Action Date: 2015-07-13 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2015-10-02 00:00:00
Action Type: RESPONSE
Action: Email Correspondence

Action Date: 2015-10-23 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2015-10-23 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2015-12-15 00:00:00
Action Type: RESPONSE
Action: Correspondence - Regulator Responded

Action Date: 2016-01-28 00:00:00
Action Type: ENFORCEMENT

Action: Technical Correspondence / Assistance / Other

Action Date: 2016-03-23 00:00:00
Action Type: RESPONSE
Action: Email Correspondence

Action Date: 2016-03-31 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report - Regulator Responded

Action Date: 2016-04-27 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2016-04-27 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement - #13267

Action Date: 2016-04-27 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2016-06-30 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Date: 2016-06-30 00:00:00
Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Action Date: 2017-01-04 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2017-01-05 00:00:00
Action Type: ENFORCEMENT
Action: Email Correspondence

Action Date: 2017-03-22 00:00:00
Action Type: ENFORCEMENT
Action: Meeting

Action Date: 2017-03-23 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2018-01-03 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2018-05-17 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2018-08-17 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 2018-09-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2019-03-04 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2019-03-04 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2020-06-22 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2020-07-29 00:00:00
Action Type: RESPONSE
Action: Email Correspondence

Action Date: 2020-09-25 00:00:00
Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Action Date: 2020-11-24 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2021-06-30 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 2021-09-23 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2021-12-27 00:00:00
Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Report

Status History Details

Status Date: 2014-07-07 00:00:00
Status: Open - Site Assessment

Status Date: 2013-12-13 00:00:00
Status: Open - Eligible for Closure

Status Date: 2002-02-01 00:00:00
Status: Open - Remediation

Status Date: 1998-03-19 00:00:00
Status: Open - Remediation

Status Date: 1995-05-26 00:00:00
Status: Open - Remediation

Status Date: 1989-09-20 00:00:00
Status: Open - Case Begin Date

Status Date: 1989-09-20 00:00:00
Status: Open - Site Assessment

Contact Details
Contact Type: Regional Board Caseworker
Contact Name: JOHN JANG
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY STREET, SUITE 1400
Contact City: OAKLAND
Contact Email: jjang@waterboards.ca.gov
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
Organization Name: SWRCB
Contact Address: 1001 I Street
Contact City: SACRAMENTO
Contact Email: matthew.cohen@waterboards.ca.gov
Contact Phone Number: 9163415751

MTBE/Region Details
MTBE Date: 12/27/2001
GW CONC (PPB): 12000
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Inactive	0.4 miles E	185 ft (41 ft higher than site)	**52**

SITE NAME	MAPS	ID
DAIR PROPERTY aka Southside Lofts	1,4	SL0600186440

ADDRESS	CITY	ZIP
3075 TELEGRAPH AVENUE	BERKELEY	94705

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0600186440
Global ID: SL0600186440
Case Type: Cleanup Program Site
Status: Open - Inactive
Status Date: 7/27/2020
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: PF
Local Agency: Not Reported
RB Case Number: 01S0741
Loc Case Number: Not Reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, * Chlorinated Solvents - PCE
Potential Media Affected: Indoor Air, Other Groundwater (uses other than drinking water), Soil Vapor
Begin Date: 9/2/2004
How Discovered: * Other Means
How Discovered Description: SITE HISTORY INDICATED HISTORIC USE OF DRY CLEANING SOLVENTS. SUBSEQUENT ASSESSMENT IDENTIFIED PCE IN SOIL AND GROUNDWATER.
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.854215
Agency Provided Longitude: -122.259704

Regulatory Activities Details
Action Date: 2004-08-30 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2004-09-02 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 2004-09-16 00:00:00

Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2004-10-05 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2004-10-15 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 2004-10-26 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2004-11-10 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 2004-11-10 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 2004-12-03 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2004-12-31 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 2005-01-06 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2005-01-18 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2005-01-19 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2005-01-26 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2005-02-02 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2005-05-06 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2006-02-23 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2008-11-13 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2009-05-01 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2009-10-28 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2009-11-18 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2009-12-30 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2009-12-30 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2011-03-21 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2011-11-01 00:00:00
Action Type: REMEDIATION
Action: In Situ Biological Treatment

Action Date: 2012-02-01 00:00:00
Action Type: REMEDIATION
Action: In Situ Biological Treatment

Action Date: 2013-05-29 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2013-06-12 00:00:00

Action Type: ENFORCEMENT
Action: Referral to Regional Board

Action Date: 2013-08-28 00:00:00
Action Type: ENFORCEMENT
Action: Cost Recovery Agreement / N. of Reimbursement

Action Date: 2013-09-25 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2014-06-26 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2014-08-01 00:00:00
Action Type: ENFORCEMENT
Action: Annual Estimation Letter - #01S0741

Action Date: 2014-08-07 00:00:00
Action Type: ENFORCEMENT
Action: Meeting

Action Date: 2015-01-27 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2015-07-20 00:00:00
Action Type: ENFORCEMENT
Action: Annual Estimation Letter - #01S0741

Action Date: 2016-07-19 00:00:00
Action Type: ENFORCEMENT
Action: Annual Estimation Letter

Action Date: 2016-08-29 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2017-05-10 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2017-09-05 00:00:00
Action Type: ENFORCEMENT
Action: Annual Estimation Letter

Action Date: 2018-07-03 00:00:00
Action Type: ENFORCEMENT
Action: Annual Estimation Letter

Action Date: 2019-07-17 00:00:00
Action Type: ENFORCEMENT
Action: Annual Estimation Letter

Action Date: 2020-06-11 00:00:00
Action Type: ENFORCEMENT
Action: Annual Estimation Letter - #01S0741

Status History Details
Status Date: 2020-07-27 00:00:00
Status: Open - Inactive

Status Date: 2012-06-07 00:00:00
Status: Open - Remediation

Status Date: 2004-10-26 00:00:00
Status: Open - Site Assessment

Status Date: 2004-09-02 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Regional Board Caseworker
Contact Name: KYLE COCKERHAM
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Contact Address: 11020 Sun Center Drive, Ste. 200
Contact City: Rancho Cordova
Contact Email: kyle.cockerham@waterboards.ca.gov
Contact Phone Number: 9164644811

Contact Type: Regional Board Caseworker
Contact Name: PHYLLIS FLACK
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: phyllis.flack@waterboards.ca.gov
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID

LUST-Closed-CA	Completed - Case Closed	0.41 miles E	196 ft (52 ft higher than site)	**53**

SITE NAME	MAPS	ID
TOSCO - FACILITY #0852	1,4	T0600101104

ADDRESS	CITY	ZIP
3001 TELEGRAPH AVE	BERKELEY	94705

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101104
Global ID: T0600101104
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/31/2013
CUF Case: YES
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1201
Loc Case Number: TT01-1201
File Location: Local Agency
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 9/22/1994
How Discovered: Inventory Control
How Discovered Description: Dispenser upgrades and UST removal
Stop Method: Close and Remove Tank
Stop Method Description: Demolished all above and underground structures
Agency Provided Latitude: 37.855931227
Agency Provided Longitude: -122.25935713

Regulatory Activities Details
Action Date: 1994-07-22 00:00:00
Action Type: RESPONSE
Action: Tank Removal Workplan

Action Date: 1994-09-22 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1994-09-22 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1994-09-28 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1995-02-03 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 1995-02-13 00:00:00
Action Type: RESPONSE
Action: Tank Removal Report / UST Sampling Report

Action Date: 1995-03-07 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1995-03-07 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1995-04-13 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1995-06-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Other

Action Date: 1996-12-31 00:00:00
Action Type: ENFORCEMENT
Action: Notice to Comply

Action Date: 1997-05-19 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Other

Action Date: 1997-06-25 00:00:00
Action Type: ENFORCEMENT
Action: Notice to Comply

Action Date: 1997-08-12 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1998-09-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1998-11-25 00:00:00
Action Type: RESPONSE

Action: Other Report / Document

Action Date: 1998-12-22 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-04-12 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-04-19 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-06-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-08-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-10-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 1999-12-22 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-01-14 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-02-16 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-04-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2000-06-08 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-01-25 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-06-01 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2001-06-15 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2004-09-22 00:00:00
Action Type: Other
Action: Leak Began

Action Date: 2008-09-08 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2010-08-16 00:00:00
Action Type: ENFORCEMENT
Action: LOP Case Closure Summary to RB

Action Date: 2010-08-16 00:00:00
Action Type: RESPONSE
Action: Request for Closure

Action Date: 2013-03-27 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Action Date: 2013-06-03 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2013-12-31 00:00:00
Status: Completed - Case Closed

Status Date: 2013-12-31 00:00:00
Status: Open - Eligible for Closure

Status Date: 1994-09-29 00:00:00
Status: Open - Inactive

Status Date: 1994-09-29 00:00:00
Status: Open - Site Assessment

Status Date: 1994-09-29 00:00:00
Status: Open - Verification Monitoring

Status Date: 1994-09-22 00:00:00

Status: Open - Case Begin Date

Status Date: 1965-01-02 00:00:00
Status: Open - Verification Monitoring

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
Organization Name: SWRCB
Contact Address: 1001 I Street
Contact City: SACRAMENTO
Contact Email: matthew.cohen@waterboards.ca.gov
Contact Phone Number: 9163415751

MTBE/Region Details
MTBE Date: 9/11/2008
GW CONC (PPB): 1200
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.42 miles N	146 ft (2 ft higher than site)	54

SITE NAME	MAPS	ID
UC BERKELEY PHYSICAL PLANT	1,4	T0600101408

ADDRESS	CITY	ZIP
2000 CARLETON ST	BERKELEY	94720

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101408

Global ID: T0600101408
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 6/6/2003
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 01-1524
Loc Case Number: 01-1524
File Location: Local Agency
Potential Contaminants of Concern: Diesel, Gasoline
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 11/2/1988
How Discovered: Tank Closure
How Discovered Description: At time of tank closure
Stop Method: Close and Remove Tank
Stop Method Description: Close and Remove tank
Agency Provided Latitude: 37.8609189
Agency Provided Longitude: -122.2695059

Regulatory Activities Details
Action Date: 1988-07-01 00:00:00
Action Type: Other
Action: Leak Began

Action Date: 1988-07-03 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 1988-07-05 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1988-11-02 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1988-11-02 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1988-11-02 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1988-11-02 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Workplan

Action Date: 1989-02-09 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1989-02-14 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1989-05-16 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1989-07-11 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Report

Action Date: 1989-12-02 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 1994-03-11 00:00:00
Action Type: ENFORCEMENT
Action: * Historical Enforcement

Action Date: 1994-06-07 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-07-22 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2002-05-08 00:00:00
Action Type: RESPONSE
Action: Request for Closure

Action Date: 2003-06-06 00:00:00
Action Type: ENFORCEMENT
Action: Closure Summary

Action Date: 2003-06-06 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Status History Details
Status Date: 2003-06-06 00:00:00
Status: Completed - Case Closed

Status Date: 1989-03-31 00:00:00
Status: Open - Site Assessment

Status Date: 1988-11-02 00:00:00
Status: Open - Case Begin Date

Status Date: 1965-01-02 00:00:00
Status: Open - Verification Monitoring

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.43 miles SW	96 ft (48 ft lower than site)	55
SITE NAME			**MAPS**	**ID**
MALCOM X SCHOOL			1,4	T0600101832
ADDRESS			**CITY**	**ZIP**
1734 PRINCE ST			BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101832

Global ID: T0600101832
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/25/1996
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: BERKELEY, CITY OF
RB Case Number: 30317
Loc Case Number: 30317
File Location: Not Reported
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Under Investigation
Begin Date: 7/19/1991
How Discovered: Tank Closure
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 37.85218
Agency Provided Longitude: -122.273016

Regulatory Activities Details
Action Date: 1991-07-19 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1991-07-19 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1991-07-19 00:00:00
Action Type: Other
Action: Leak Stopped

Status History Details
Status Date: 1996-01-25 00:00:00
Status: Completed - Case Closed

Status Date: 1992-02-10 00:00:00
Status: Open - Site Assessment

Status Date: 1991-07-19 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER

Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Eligible for Closure	0.44 miles NW	131 ft (13 ft lower than site)	56

SITE NAME	MAPS	ID
Berkeley Adult Mental Health Clinic	1,4	T10000014090

ADDRESS	CITY	ZIP
2640 Martin Luther King Jr. Way	Berkeley	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000014090
Global ID: T10000014090
Case Type: LUST Cleanup Site
Status: Open - Eligible for Closure
Status Date: 11/5/2020
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: CCM
Local Agency: BERKELEY, CITY OF
RB Case Number: 638812
Loc Case Number: Not Reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Diesel
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil

Begin Date: 3/3/2020
How Discovered: Other Means, Visual
How Discovered Description: PG&E was excavating and discovered the UST in the sidewalk.
Stop Method: Close and Remove Tank, Remove Contents
Stop Method Description: Remove UST and impacted soil surrounding UST was disposed offsite
Agency Provided Latitude: 37.85977608
Agency Provided Longitude: -122.27217172

Regulatory Activities Details
Action Date: 2020-03-03 00:00:00
Action Type: Other
Action: Leak Began

Action Date: 2020-03-03 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 2020-03-03 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2020-03-05 00:00:00
Action Type: ENFORCEMENT
Action: Other Report

Action Date: 2020-03-05 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2020-03-09 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2020-03-25 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2020-06-11 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2020-06-11 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 2020-06-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2020-06-24 00:00:00
Action Type: ENFORCEMENT
Action: Unauthorized Release Form

Action Date: 2020-07-01 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 2020-07-21 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2020-07-26 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2020-08-20 00:00:00
Action Type: ENFORCEMENT
Action: Email Correspondence

Action Date: 2020-10-01 00:00:00
Action Type: RESPONSE
Action: Request for Closure - Regulator Responded

Action Date: 2020-11-09 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Status History Details
Status Date: 2020-11-05 00:00:00
Status: Open - Eligible for Closure

Status Date: 2020-07-21 00:00:00
Status: Open - Remediation

Status Date: 2020-06-18 00:00:00
Status: Open - Assessment & Interim Remedial Action

Status Date: 2020-03-05 00:00:00
Status: Open - Assessment & Interim Remedial Action

Status Date: 2020-03-05 00:00:00
Status: Pending Review

Status Date: 2020-03-03 00:00:00
Status: Open - Case Begin Date

Contact Details

Contact Type: Regional Board Caseworker
Contact Name: Cherie McCaulou
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY STREET, SUITE 1400
Contact City: OAKLAND
Contact Email: cherie.mccaulou@waterboards.ca.gov
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
County-LUST-Open-CA	Open	0.46 miles SE	165 ft (21 ft higher than site)	57

SITE NAME	MAPS	ID
ARCO #0374	1,4	RO0000078-ALA

ADDRESS	CITY	ZIP
6407 TELEGRAPH AVE	Oakland	94609

DETAILS

County: Alameda
Responsible Agency: Alameda County Environmental Health
GIS Mapper URL: http://gis.acgov.org/DEH/InspectionResults/?SITE=LOP
URL Instructions: Go to URL, Choose in drop down Record Id-RO Number, Enter RO Number and Search
Record ID: RO0000078
Substance Code: 8006619
Substance Description: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Release Type: UST
Release Type Description: Substance released from Underground Storage Tank System
Program: LUST
Program Description: RP Identified & Solvent
RP Identification Date: 10/21/1992
Affected Media Description: Other Groundwater affected (uses other than drinking water)
Agency Provided Latitude: 37.850272647
Agency Provided Longitude: -122.2606753472
Organization Name: ALAMEDA COUNTY LOP
Organization Type: Not Applicable
Status: Preliminary Site Assessment Underway

Organization Name: ALAMEDA COUNTY LOP
Organization Type: Not Applicable

Status: Preliminary Site Assessment Workplan Submitted

Organization Name: ALAMEDA COUNTY LOP
Organization Type: Not Applicable
Status: Pollution Characterization

Organization Name: ALAMEDA COUNTY LOP
Organization Type: Not Applicable
Status: Leak Confirmation

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Remediation	0.46 miles SE	165 ft (21 ft higher than site)	**57**

SITE NAME	MAPS	ID
ARCO #0374	1,4	T0600100106

ADDRESS	CITY	ZIP
6407 TELEGRAPH	Oakland	94609

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100106
Global ID: T0600100106
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 3/6/2020
CUF Case: YES
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: NL
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-0114
Loc Case Number: RO0000078
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Benzene, Ethylbenzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Toluene, Xylene
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 2/8/1988
How Discovered: Other Means
How Discovered Description: Not Reported
Stop Method: Other Means
Stop Method Description: Not Reported
Agency Provided Latitude: 37.850526096
Agency Provided Longitude: -122.260812

Regulatory Activities Details
Action Date: 1988-02-08 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1988-03-31 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1991-09-10 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #19910910

Action Date: 1992-04-09 00:00:00
Action Type: ENFORCEMENT
Action: Notice of Responsibility - #19920409

Action Date: 1995-08-16 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #19950816

Action Date: 1998-05-19 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #19980519

Action Date: 2008-04-30 00:00:00
Action Type: ENFORCEMENT
Action: * NEL - #20080430

Action Date: 2008-04-30 00:00:00
Action Type: ENFORCEMENT
Action: * NEL - #20080430B

Action Date: 2008-04-30 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20080430

Action Date: 2008-06-01 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20080601

Action Date: 2008-06-05 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2008-06-30 00:00:00
Action Type: RESPONSE
Action: CAP/RAP - Feasibility Study Report

Action Date: 2008-07-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2008-09-04 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20080904

Action Date: 2008-10-09 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20081009

Action Date: 2008-12-09 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2009-01-13 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20090113

Action Date: 2009-03-20 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20090320

Action Date: 2009-04-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2009-06-25 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20090625

Action Date: 2009-06-26 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2009-07-09 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20090709

Action Date: 2009-07-15 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20090715

Action Date: 2009-07-24 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20090724

Action Date: 2009-08-13 00:00:00
Action Type: ENFORCEMENT

Action: Staff Letter - #20090813

Action Date: 2009-08-24 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2009-09-15 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2009-10-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2009-11-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2010-03-12 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20100312

Action Date: 2010-05-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2010-08-12 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20100812

Action Date: 2010-10-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2010-11-10 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2011-01-05 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2011-02-14 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2011-04-29 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2011-06-02 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20110602

Action Date: 2011-07-11 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2011-07-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2011-08-05 00:00:00
Action Type: RESPONSE
Action: CAP/RAP - Feasibility Study Report

Action Date: 2011-09-02 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20110902

Action Date: 2011-10-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2012-01-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2012-04-30 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20120430

Action Date: 2012-04-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2012-06-21 00:00:00
Action Type: ENFORCEMENT
Action: File review

Action Date: 2012-06-28 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20120628

Action Date: 2012-07-19 00:00:00
Action Type: RESPONSE
Action: Status / Progress Reports

Action Date: 2012-07-24 00:00:00
Action Type: ENFORCEMENT

Action: Technical Correspondence / Assistance / Other - #20120724

Action Date: 2012-08-29 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #2012/08/29

Action Date: 2012-09-06 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20120906

Action Date: 2012-09-10 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20120910

Action Date: 2012-09-12 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2012-09-14 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20120914

Action Date: 2012-09-14 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20120914

Action Date: 2012-09-14 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2012-10-06 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20121006

Action Date: 2012-10-09 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20121009

Action Date: 2012-10-15 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20121015

Action Date: 2012-10-26 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2012-11-20 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Date: 2012-11-21 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Date: 2013-04-26 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2013-06-19 00:00:00
Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Action Date: 2013-07-26 00:00:00
Action Type: RESPONSE
Action: Status / Progress Reports

Action Date: 2013-07-31 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2013-10-29 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2014-01-23 00:00:00
Action Type: RESPONSE
Action: Status / Progress Reports

Action Date: 2014-03-28 00:00:00
Action Type: RESPONSE
Action: Request for Closure - Regulator Responded

Action Date: 2014-05-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2014-06-06 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20140606

Action Date: 2014-07-09 00:00:00
Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Action Date: 2014-10-31 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2015-01-15 00:00:00
Action Type: RESPONSE

Action: Status / Progress Reports

Action Date: 2015-03-13 00:00:00
Action Type: RESPONSE
Action: Conceptual Site Model

Action Date: 2015-04-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2015-05-15 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2015-07-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2015-07-30 00:00:00
Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Report

Action Date: 2015-10-29 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2016-01-19 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2016-03-02 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2016-04-29 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2016-11-07 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2017-04-27 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2017-08-23 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Date: 2017-11-16 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20171116

Action Date: 2018-03-16 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20180316

Action Date: 2018-04-26 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2018-09-07 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2018-11-08 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20181108

Action Date: 2018-11-21 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 2018-12-28 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2019-05-15 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2020-03-11 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #RO0000078_DIR_L_2020-03-11

Action Date: 2020-06-19 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 2020-08-04 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2020-08-30 00:00:00
Action Type: RESPONSE
Action: CAP/RAP - Feasibility Study Report - Regulator Responded

Action Date: 2020-09-29 00:00:00
Action Type: ENFORCEMENT

Action: Email Correspondence

Action Date: 2020-09-30 00:00:00
Action Type: RESPONSE
Action: Fact Sheets - Public Participation - Regulator Responded

Action Date: 2020-10-15 00:00:00
Action Type: RESPONSE
Action: Public Participation Plan

Action Date: 2020-12-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2021-06-14 00:00:00
Action Type: RESPONSE
Action: Interim Remedial Action Report

Status History Details
Status Date: 2020-03-06 00:00:00
Status: Open - Remediation

Status Date: 1995-11-01 00:00:00
Status: Open - Assessment & Interim Remedial Action

Status Date: 1993-12-21 00:00:00
Status: Open - Remediation

Status Date: 1988-04-11 00:00:00
Status: Open - Site Assessment

Status Date: 1988-02-08 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: NOEL LINER
Organization Name: ALAMEDA COUNTY LOP
Contact Address: 1131 Harbor Bay Parkway
Contact City: ALAMEDA
Contact Email: noel.liner@acgov.org
Contact Phone Number: 5105676876

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND

Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
MTBE Date: 3/21/2002
GW CONC (PPB): 2000
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.48 miles N	166 ft (22 ft higher than site)	58

SITE NAME	MAPS	ID
BERKELEY HONDA	1,4	T0600118745

ADDRESS	CITY	ZIP
2600 SHATTUCK	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600118745
Global ID: T0600118745
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1/12/2007
CUF Case: NO
Lead Agency: BERKELEY, CITY OF
Case Worker: GAF
Local Agency: BERKELEY, CITY OF
RB Case Number: 604113
Loc Case Number: Sha2600
File Location: Local Agency
Potential Contaminants of Concern: Gasoline
Potential Media Affected: Soil
Begin Date: 4/25/2006
How Discovered: Tank Closure
How Discovered Description: VISUALLY IMPACTED SOIL. MULTIPLE HOLES, PRIMARILY AT THE BOTTOM WHERE AT THE EAST END. HOLES MAINLY FOUND WHERE THE END MEETS THE SIDES OF THE TANK.
Stop Method: Close and Remove Tank
Stop Method Description: TANK REMOVED AND DISPOSED.
Agency Provided Latitude: 37.862114

Agency Provided Longitude: -122.267254

Regulatory Activities Details
Action Date: 2006-04-25 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 2006-04-25 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2006-04-25 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 2015-04-06 00:00:00
Action Type: ENFORCEMENT
Action: File review

Status History Details
Status Date: 2007-01-12 00:00:00
Status: Completed - Case Closed

Status Date: 2006-04-25 00:00:00
Status: Open - Case Begin Date

Status Date: 2006-04-25 00:00:00
Status: Open - Remediation

Status Date: 2006-04-25 00:00:00
Status: Open - Site Assessment

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
Organization Name: BERKELEY, CITY OF
Contact Address: 2118 MILVIA STREET 3RD FLOOR
Contact City: BERKELEY
Contact Email: gfiedler@ci.berkeley.ca.us
Contact Phone Number: Not Reported

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported

Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-CA	Open - Site Assessment	0.5 miles S	130 ft (14 ft lower than site)	59

SITE NAME	MAPS	ID
AUTOMASTERS	1,4	T0619748201

ADDRESS	CITY	ZIP
6200 SHATTUCK AVE.	OAKLAND	94609

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0619748201
Global ID: T0619748201
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 8/7/2006
CUF Case: YES
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: NL
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: NA
Loc Case Number: RO0002935
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Benzene, Diesel, Ethylbenzene, Gasoline, Naphthalene, Toluene, Xylene
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 6/3/2006
How Discovered: * SA
How Discovered Description: Not Reported
Stop Method: Close and Remove Tank
Stop Method Description: Not Reported
Agency Provided Latitude: 37.848007
Agency Provided Longitude: -122.265296

Regulatory Activities Details
Action Date: 1986-10-01 00:00:00
Action Type: Other

Action: Leak Stopped

Action Date: 2006-08-07 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 2006-08-23 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 2006-09-28 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2006-10-24 00:00:00
Action Type: ENFORCEMENT
Action: Verbal Communication

Action Date: 2006-12-11 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2009-07-24 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20090724

Action Date: 2012-02-27 00:00:00
Action Type: ENFORCEMENT
Action: File review

Action Date: 2012-04-06 00:00:00
Action Type: ENFORCEMENT
Action: Notice to Comply - #20120406

Action Date: 2012-05-30 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2013-05-13 00:00:00
Action Type: ENFORCEMENT
Action: File review

Action Date: 2014-06-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140629

Action Date: 2014-10-30 00:00:00
Action Type: ENFORCEMENT
Action: Notice of Responsibility - #20141030

Action Date: 2014-11-24 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20141124

Action Date: 2015-01-23 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2015-04-13 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2015-06-26 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20150626

Action Date: 2015-07-29 00:00:00
Action Type: RESPONSE
Action: Other Workplan - Regulator Responded

Action Date: 2015-08-24 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2015-08-28 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Addendum

Action Date: 2015-10-23 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20151023

Action Date: 2016-01-29 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2016-03-15 00:00:00
Action Type: RESPONSE
Action: Remedial Investigation Report

Action Date: 2016-04-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2016-06-09 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20160609

Action Date: 2016-06-15 00:00:00
Action Type: ENFORCEMENT

Action: Staff Letter - #20160615

Action Date: 2016-07-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2016-08-18 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2016-09-20 00:00:00
Action Type: ENFORCEMENT
Action: Email Correspondence - #20160920

Action Date: 2016-09-21 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2016-09-26 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2016-09-30 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2016-10-03 00:00:00
Action Type: RESPONSE
Action: Other Workplan - Regulator Responded

Action Date: 2016-10-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2016-11-08 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2016-11-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2017-01-09 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2017-01-12 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20170112

Action Date: 2017-01-20 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20170123

Action Date: 2017-01-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2017-02-01 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20170201

Action Date: 2017-02-01 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20170201

Action Date: 2017-02-24 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2017-03-31 00:00:00
Action Type: RESPONSE

Action: Soil and Water Investigation Report

Action Date: 2017-03-31 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2017-04-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2017-06-06 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20170606

Action Date: 2017-06-13 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20170613

Action Date: 2017-08-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2017-08-22 00:00:00
Action Type: RESPONSE
Action: Remedial Investigation Report

Action Date: 2017-08-25 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2018-01-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2018-01-17 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2018-04-16 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 2018-05-11 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2018-06-29 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20180629

Action Date: 2018-07-10 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20180710

Action Date: 2018-08-31 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2018-10-02 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20181002

Action Date: 2018-10-08 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20181008

Action Date: 2018-10-08 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Action Date: 2018-10-23 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2018-11-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2018-12-07 00:00:00
Action Type: ENFORCEMENT
Action: Email Correspondence - #20181207

Action Date: 2019-01-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2019-07-01 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2019-10-01 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20191001

Action Date: 2019-10-09 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2019-10-09 00:00:00
Action Type: RESPONSE

Action: Soil and Water Investigation Report

Action Date: 2019-11-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2020-05-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2020-09-08 00:00:00
Action Type: ENFORCEMENT
Action: Meeting

Action Date: 2021-04-16 00:00:00
Action Type: RESPONSE
Action: Other Workplan - Regulator Responded

Action Date: 2021-04-28 00:00:00
Action Type: ENFORCEMENT
Action: Meeting

Action Date: 2021-06-21 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2021-07-21 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2021-07-21 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Date: 2021-09-09 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2021-10-15 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2022-01-15 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Status History Details
Status Date: 2006-08-07 00:00:00
Status: Open - Site Assessment

Status Date: 2006-06-03 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: NOEL LINER
Organization Name: ALAMEDA COUNTY LOP
Contact Address: 1131 Harbor Bay Parkway
Contact City: ALAMEDA
Contact Email: noel.liner@acgov.org
Contact Phone Number: 5105676876

MTBE/Region Details
MTBE Date: 3/22/2017
GW CONC (PPB): 1.3
Matrix: W

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.5 miles E	204 ft (60 ft higher than site)	60

SITE NAME	MAPS	ID
MARSHALL STEEL CLEANERS	1,4	T0600100047

ADDRESS	CITY	ZIP
1229 28TH	Oakland	94608

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100047
Global ID: T0600100047
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 3/18/1998
CUF Case: NO
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: Not Reported
Local Agency: Not Reported
RB Case Number: 01-0053

Loc Case Number: RO0000978
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Diesel
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 8/15/1989
How Discovered: Other Means
How Discovered Description: Not Reported
Stop Method: Other Means
Stop Method Description: Not Reported
Agency Provided Latitude: 37.820513
Agency Provided Longitude: -122.284223

Regulatory Activities Details
Action Date: 1989-08-15 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1997-12-09 00:00:00
Action Type: ENFORCEMENT
Action: LOP Case Closure Summary to RB

Action Date: 1998-03-10 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 1998-03-18 00:00:00
Action Type: ENFORCEMENT
Action: Closure Summary

Action Date: 1998-03-18 00:00:00
Action Type: ENFORCEMENT
Action: Letter - Notice

Action Date: 9999-09-09 00:00:00
Action Type: REMEDIATION
Action: Not Reported

Status History Details
Status Date: 1998-03-18 00:00:00
Status: Completed - Case Closed

Status Date: 1989-08-15 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.5 miles E	204 ft (60 ft higher than site)	60

SITE NAME	MAPS	ID
ALTA BATES HOSPITAL	1,4	T0600100061

ADDRESS	CITY	ZIP
3001 COLBY STREET	BERKELEY	94704

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100061
Global ID: T0600100061
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 5/22/2020
CUF Case: NO
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: CCM
Local Agency: Not Reported
RB Case Number: 01-0067
Loc Case Number: TT01-0067
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Diesel
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 5/7/1987
How Discovered: Facility Inspection, Inventory Control, Visual
How Discovered Description: free product and strong vapors.
Stop Method: Close and Fill Tank in Place, Replace product piping
Stop Method Description: close tanks in place. Install one 20,000 gallon UST to replace two 10,000 gallon USTs.
Agency Provided Latitude: 37.855504
Agency Provided Longitude: -122.257073

Regulatory Activities Details
Action Date: 1987-05-07 00:00:00
Action Type: Other
Action: Leak Began

Action Date: 1987-05-07 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1987-05-07 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1987-05-07 00:00:00
Action Type: Other
Action: Leak Stopped

Action Date: 1987-05-08 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1987-05-08 00:00:00
Action Type: RESPONSE
Action: Unauthorized Release Form

Action Date: 1987-06-10 00:00:00
Action Type: ENFORCEMENT
Action: Notice to Comply

Action Date: 1987-06-10 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1987-08-15 00:00:00
Action Type: REMEDIATION
Action: Free Product Removal

Action Date: 1987-09-01 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 1987-09-30 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1988-01-19 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1990-08-14 00:00:00
Action Type: ENFORCEMENT
Action: File review

Action Date: 1994-02-01 00:00:00
Action Type: REMEDIATION
Action: Excavation

Action Date: 1994-02-24 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1994-10-04 00:00:00
Action Type: ENFORCEMENT
Action: Notice to Comply

Action Date: 1994-10-05 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1994-10-06 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-10-06 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1994-10-06 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1995-01-06 00:00:00
Action Type: ENFORCEMENT
Action: Notice to Comply

Action Date: 1995-01-18 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1995-03-15 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 1995-03-20 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1995-05-26 00:00:00
Action Type: RESPONSE

Action: Soil and Water Investigation Report

Action Date: 1995-05-26 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2009-07-15 00:00:00
Action Type: RESPONSE
Action: Tank Removal Workplan - Regulator Responded

Action Date: 2010-05-19 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2013-06-12 00:00:00
Action Type: ENFORCEMENT
Action: Referral to Regional Board

Action Date: 2013-08-25 00:00:00
Action Type: REMEDIATION
Action: Monitored Natural Attenuation

Action Date: 2014-04-09 00:00:00
Action Type: ENFORCEMENT
Action: Site Visit / Inspection / Sampling

Action Date: 2015-06-15 00:00:00
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2015-11-30 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2016-02-29 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2016-05-12 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2016-06-29 00:00:00
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2017-08-02 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2017-08-03 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2018-05-14 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2018-06-21 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2018-06-21 00:00:00
Action Type: RESPONSE
Action: Site Investigation Workplan - Regulator Responded

Action Date: 2018-08-17 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2018-10-03 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2018-12-26 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2019-06-05 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2019-07-11 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report - Regulator Responded

Action Date: 2019-07-23 00:00:00
Action Type: ENFORCEMENT
Action: Verbal Communication

Action Date: 2019-08-23 00:00:00
Action Type: ENFORCEMENT
Action: File Review - Closure

Action Date: 2019-09-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2019-09-26 00:00:00
Action Type: ENFORCEMENT

Action: Site Visit / Inspection / Sampling

Action Date: 2019-09-26 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2019-12-05 00:00:00
Action Type: RESPONSE
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Action Date: 2020-01-13 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2020-01-16 00:00:00
Action Type: ENFORCEMENT
Action: Notification - Public Notice of Case Closure

Action Date: 2020-01-24 00:00:00
Action Type: ENFORCEMENT
Action: Meeting

Action Date: 2020-03-24 00:00:00
Action Type: ENFORCEMENT
Action: 13267 Requirement

Action Date: 2020-03-26 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other

Action Date: 2020-05-22 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter

Action Date: 2020-06-01 00:00:00
Action Type: RESPONSE
Action: Well Destruction Workplan

Status History Details
Status Date: 2020-05-22 00:00:00
Status: Completed - Case Closed

Status Date: 2020-01-16 00:00:00
Status: Open - Eligible for Closure

Status Date: 2019-07-23 00:00:00
Status: Open - Verification Monitoring

Status Date: 2016-06-28 00:00:00

Status: Open - Site Assessment

Status Date: 2013-08-25 00:00:00
Status: Informational Item

Status Date: 1987-08-25 00:00:00
Status: Informational Item

Status Date: 1987-05-07 00:00:00
Status: Informational Item

Status Date: 1987-05-07 00:00:00
Status: Open - Case Begin Date

Status Date: 1965-01-02 00:00:00
Status: Informational Item

Contact Details
Contact Type: Regional Board Caseworker
Contact Name: Cherie McCaulou
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY STREET, SUITE 1400
Contact City: OAKLAND
Contact Email: cherie.mccaulou@waterboards.ca.gov
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-CA	Completed - Case Closed	0.5 miles E	204 ft (60 ft higher than site)	60
SITE NAME			**MAPS**	**ID**
AUTOPRO			1,4	T0600100131
ADDRESS			**CITY**	**ZIP**
5200 TELEGRAPH			Oakland	94609

DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100131

Global ID: T0600100131
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/9/2015
CUF Case: YES
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: KLD
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-0141
Loc Case Number: RO0000323
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Other Groundwater (uses other than drinking water)
Begin Date: 12/19/1990
How Discovered: Other Means
How Discovered Description: Not Reported
Stop Method: Other Means
Stop Method Description: Not Reported
Agency Provided Latitude: 37.838446
Agency Provided Longitude: -122.261693

Regulatory Activities Details
Action Date: 1989-11-17 00:00:00
Action Type: RESPONSE
Action: Correspondence

Action Date: 1990-12-19 00:00:00
Action Type: Other
Action: Leak Discovery

Action Date: 1990-12-27 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1991-02-01 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 1991-02-01 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #19910201

Action Date: 1991-02-11 00:00:00
Action Type: Other
Action: Leak Reported

Action Date: 1991-05-17 00:00:00
Action Type: RESPONSE
Action: Corrective Action Plan / Remedial Action Plan

Action Date: 1993-05-25 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1993-10-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-10-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1993-10-18 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1994-01-17 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 1994-02-07 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1994-03-17 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Workplan

Action Date: 1994-05-24 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Report

Action Date: 1996-02-14 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1996-04-17 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 1996-09-05 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 1998-06-19 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 1998-07-14 00:00:00

Action Type: RESPONSE
Action: Other Report / Document

Action Date: 1999-07-01 00:00:00
Action Type: RESPONSE
Action: Request for Closure

Action Date: 2001-07-17 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2001-09-04 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2001-12-18 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2001-12-27 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2003-02-06 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Quarterly

Action Date: 2003-04-17 00:00:00
Action Type: RESPONSE
Action: Other Workplan

Action Date: 2004-11-30 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 2004-11-30 00:00:00
Action Type: RESPONSE
Action: Site Assessment Report

Action Date: 2007-05-11 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Report

Action Date: 2007-08-30 00:00:00
Action Type: RESPONSE
Action: Preliminary Site Assessment Report

Action Date: 2007-11-07 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2008-03-28 00:00:00
Action Type: ENFORCEMENT
Action: * NEL - #20080328

Action Date: 2008-03-28 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter

Action Date: 2008-07-03 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20080703

Action Date: 2008-07-28 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20080728

Action Date: 2008-09-26 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2008-09-26 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2009-06-08 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Workplan

Action Date: 2009-06-11 00:00:00
Action Type: ENFORCEMENT
Action: Technical Correspondence / Assistance / Other - #20090611

Action Date: 2009-06-26 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20090626

Action Date: 2009-07-28 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20090728

Action Date: 2009-09-24 00:00:00
Action Type: RESPONSE
Action: Soil and Water Investigation Report

Action Date: 2009-11-15 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2010-04-30 00:00:00

Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2010-08-31 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 2010-10-30 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2011-11-21 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2012-04-23 00:00:00
Action Type: ENFORCEMENT
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 2013-11-22 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2013-12-02 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20131202

Action Date: 2014-02-20 00:00:00
Action Type: RESPONSE
Action: Monitoring Report - Semi-Annually

Action Date: 2014-03-21 00:00:00
Action Type: RESPONSE
Action: Conceptual Site Model

Action Date: 2014-05-05 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140505

Action Date: 2014-05-23 00:00:00
Action Type: ENFORCEMENT
Action: Meeting - #20140523

Action Date: 2014-05-23 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140523

Action Date: 2014-06-20 00:00:00
Action Type: RESPONSE
Action: Request for Closure - Regulator Responded

Action Date: 2014-06-27 00:00:00
Action Type: RESPONSE
Action: Conceptual Site Model

Action Date: 2014-08-20 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140820

Action Date: 2014-08-28 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140828

Action Date: 2014-09-05 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140905

Action Date: 2014-09-05 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20140905

Action Date: 2014-09-20 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2014-11-14 00:00:00
Action Type: ENFORCEMENT
Action: Staff Letter - #20141114

Action Date: 2015-05-01 00:00:00
Action Type: RESPONSE
Action: Well Destruction Report

Action Date: 2015-11-04 00:00:00
Action Type: RESPONSE
Action: Other Report / Document

Action Date: 2015-11-09 00:00:00
Action Type: ENFORCEMENT
Action: Closure/No Further Action Letter - #20151109

Status History Details
Status Date: 2015-11-09 00:00:00
Status: Completed - Case Closed

Status Date: 2014-05-23 00:00:00
Status: Open - Eligible for Closure

Status Date: 1998-05-15 00:00:00

Status: Open - Assessment & Interim Remedial Action

Status Date: 1993-05-25 00:00:00
Status: Open - Site Assessment

Status Date: 1991-05-17 00:00:00
Status: Open - Site Assessment

Status Date: 1990-12-19 00:00:00
Status: Open - Case Begin Date

Contact Details
Contact Type: Local Agency Caseworker
Contact Name: KAREL DETTERMAN
Organization Name: ALAMEDA COUNTY LOP
Contact Address: 1131 Harbor Bay Parkway
Contact City: ALAMEDA
Contact Email: karel.detterman@acgov.org
Contact Phone Number: 5105676708

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Contact Address: 1515 CLAY ST SUITE 1400
Contact City: OAKLAND
Contact Email: Not Reported
Contact Phone Number: Not Reported

MTBE/Region Details
: Not Reported

APPENDIX D
RESUMES

https://www.mygemgroup.com

Environmental Consulting ~ Project Management ~ Technical Management ~ Contract & Project Work

JEN MOSER, P.G.

Phone: (510) 376-5771 ~ **E-mail**: jenmoser@mygemgroup.com

PROFILE

- Resourceful and solution-driven environmental consultant
- 25+ years' experience in site characterization and remediation projects of up to $10+ million
- 8+ years' experience in exploration, development, open pit and underground mining
- History of implementing new technologies to solve problems before projects are impacted
- Skilled in managing field operations, including determination of approach and equipment
- Experienced in operations and maintenance of a landfill
- Co-authored report published in The Military Engineer (the Society of American Military Engineers), *Historical Range Assessment at Fort Ord*

PROFESSIONAL EXPERIENCE

GEM Group, Inc. dba Tom Edwards & Associates **2005-present**
Environmental and Geological Consultant

- Prepare plans, investigation, remediation, and completion reports
- Conduct Phase 1 Environmental Site Assessments (ESAs)
- Determine the need for further site investigation and/or remedial action and direct implementation
- Prepare proposals and budgets
- Interface extensively with Federal, State, County, and Local government agencies on project permits, investigations, evaluations, and recommendations
- Managed the evaluation and remediation of contaminated soil and ground water, from planning to delivery and reporting in compliance with 100% of regulatory requirements (former Fort Ord)
- Coordinated DGM and MEC removal from ranges requiring soil remediation
- Supervised operations and maintenance of landfill, including LFG extraction, treatment, and monitoring

AARON ENVIRONMENTAL / HARZA / ONSITE ENVIRONMENTAL / ITSI **1994-2005**
Geologist

- Supervised excavation of contaminated soil at Superfund site
- Conducted Phase 1 ESAs and Phase II investigations
- Prepare plans, investigation, remediation, and completion reports
- Prepared proposals and budgets
- Presented plans and project status to clients and regulatory agencies
- Managed the evaluation and remediation of contaminated soil, from planning to delivery and reporting in compliance with 100% of regulatory requirements (former Fort Ord)
- Supervised operations and maintenance of landfill, including LFG extraction, treatment, and monitoring

TETRA TECH INC. **1993-1994**
Project Geologist

- Remedial Investigation and Feasibility Studies at Superfund sites
- Supervised drilling of soil borings, installation of ground water monitoring wells, trenching on landfill areas, soil, sediment, ground water, and surface water sampling

ARMENONIC DEL ECUADOR **1989-1991**
Consultant Resident Geologist

- Responsible for startup and takeover of geology department of Armenonic del Ecuador's' underground complex silver mines
- Mapped, evaluated, and proposed tunnels to intercept high-grade complex silver veins
- Hired and trained personnel and developed SOPs for geology department
- Assessed effects of tunneling, milling and tailings dam on drinking water supply of nearby towns

BENGUET CORPORATION **1983-1989**

- Mapped, evaluated, delineated, and supervised underground and open pit mining
- Evaluated effects of drilling and underground mining on water supplies
- Supervised tunneling and diamond core drilling during exploration and development of underground and open pit mines
- Planned and supervised access road and site preparation
- Performed resource evaluation of project sites – field geology technique reviews
- Recommended improved mapping and sampling techniques

CERTIFICATIONS

- Professional Geologist, 2001
- OSHA (Occupational Safety & Health Administration)
  - 8-Hour OSHA Refresher Course (Annual)
  - 8-Hour OSHA Supervisory Training
  - 40-Hour OSHA Training

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Environmental Consulting ~ Project Management ~ Technical Management ~ Contract & Project Work

MIKE ERVING, JUNIOR GEOLOGIST

Phone: (626) 513-5095 ~ **E-mail**: mikeerving@mygemgroup.com

PROFILE

- Eager to learn and excel in the environmental field
- Self-driven, results-oriented, and diligent professional

PROFESSIONAL EXPERIENCE

GEM Group, Inc. **2018-Present**
Junior Geologist

- Prepare Transaction Screen and Phase I Environmental Site Assessment reports, including:
  - Interpret information gathered from third-party computer-generated reports.
  - Request and review public agency records from various cities and counties.
  - Site reconnaissance and visual site inspections throughout Southern California.
  - Review of historical information including topographic maps, fire insurance maps, city directories, and aerial photographs.
- Assist Project Geologist in conducting soil, soil gas, groundwater, and indoor air investigations.
- Assist Project Geologist in completion of other reports including desktop reviews.

Geoscience Support Services Inc. **2015-2016**
Intern

- Participated in site investigations including sample collection, well transducer monitoring, and well drilling.
- Assisted in the physical completion of reports.
- Prepared clerical work for the overall efficiency of the office.
- Assisted in the design and completion of website.

EDUCATION

Gustavus Adolphus College, Saint Peter, MN **2017**

- Geology; Bachelor of Arts

CERTIFICATIONS

- HAZWOPER, 40 Hour General Site Worker, Occupational Safety & Health Administration (OSHA) (April 2018)
- HAZWOPER, 8 Hour Refresher Course, OSHA (April 2019)

October 10, 2022

Mr. Nathan George
NDG Real Estate
2343 Stuart Street
Berkeley, CA 94705

Subject: Limited Phase II Investigation for 3000-3008 Shattuck Ave, Berkeley, CA 94705
Project No. 22-16206

Dear Mr. George,

This memo presents the results of the limited investigation conducted at the above-referenced property (**Figure 1**). The limited Phase II investigation was requested by Ms. Jamie Cooney, Hazardous Materials Specialist II of the City of Berkeley Toxics Management Division (TMD). The subject property has been an active gas station since 1938.

BACKGROUND

The subject property was occupied by Berkeley Gas and Smog, as gas station/convenience store/smog check station. The gas station has one 500-gallon used motor oil underground storage tank (UST), one 20,000-gallon regular unleaded gasoline UST, and a 12,000-gallon premium gasoline. The current two gasoline USTs were installed in 2000.

Historical sources showed the subject property as a service station since at least 1938. The existing building was reportedly completed in 1959, with existing site configuration shown since 1968.

The State Water Quality Control Board (SWQCB) website identifies two separate closed investigations associated with the onsite gas station at the subject property, leaking UST (LUST) case (T0600100094) closed February 14, 2013, and Spills, Leaks, Investigation & Cleanup (SLIC) case (T10000004483) closed September 3, 2014.

In 2000, during removal of three 12,000-gallon gasoline USTs, free product was noted in the excavation pit. Approximately 400 gallons of nonhazardous oil and water was removed, and 1,200 gallons of nonhazardous water was extracted from the UST excavation area and transported offsite. Approximately 1,416 tons of soil was over-excavated from the UST tank pit, northern-most dispenser island and product piping trenches. A 2010 closure summary report identified groundwater monitoring at offsite downgradient well with low levels of fuel constituents. Detections were compared to the 2019 San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) groundwater vapor intrusion residential environmental screening levels (ESLs). Benzene is the only constituent that slightly exceeded

its ESL of 0.42 micrograms/Liter. The closure report indicated that remediation through site upgrades, equipment removal and associated over-excavations, and natural attenuation have proven to be effective for removing on-site contamination. The TMD issued a no further action letter on February 14, 2013 (T0600100094). The Geotracker website identified post-closure management requirements including no excavation of contaminated soils without agency review and approval, no groundwater extraction at any depth without approval, notify prior to change in land use, notify prior to subsurface work.

On October 27, 1993, an in-ground hoist was reported leaking. Further investigation found water around the hoist with no oil leaks. A new release was also discovered during groundwater monitoring activities in October 2007. A sample collected in January 2008 indicated that the carbon range distribution in the free product sample resembled mineral oil. The TMD requested additional investigation to address the potential new release (mineral oil) presumably associated with the onsite hydraulic lift. In March 2014, groundwater monitoring showed low-level detections of fuel-related constituents in one onsite and one offsite well. On September 3, 2014, the SFBRWQCB issued a no further action letter (T10000004483) stating that the investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

PRE-FIELD ACTIVITIES

The following pre-field activities were conducted in preparation for drilling and sampling activities:

- Marked proposed boring locations with white paint.
- Notified Underground Service Alert (USA) of the planned drilling activities (**Appendix A**). USA requires a minimum of 72 hours' notice for companies to mark utilities (e.g. electric, gas, water, telephone, cable) at the marked boring locations.
- Prepared and submitted a Subsurface Drilling Permit Application to the TMD. GEM proposed to drill five soil borings to 20 feet below ground surface (bgs) and collect soil and groundwater samples. A copy of the approved permit is included in **Appendix A**.

FIELD ACTIVITIES

Drilling and soil sampling was conducted on September 26, 2022. A private utility locator, GPRS, was onsite to locate utilities at the proposed borehole locations prior to start of drilling to ensure that utilities are not hit during drilling (**Appendix A**).

A direct push rig was used to install borings to a target depth of approximately 20 feet bgs. The first borehole, DP-2, was extended to 28 feet bgs since groundwater was not encountered at target depth of 20 feet bgs. After drilling, the augers were removed, and temporarily installed screened and solid PVC casing up to ground surface to facilitate groundwater sampling. There was no groundwater until the other four borings were completed.

Below is an outline of field activities associated with soil sampling:

- Drilled five boreholes, DP-2 to 28 feet bgs and DP-1, -3, -4-, and -5 to 20-feet bgs.
- Logged soil type and other field observations. Borehole logs are included in **Appendix A**.
- Collected soil samples into glass jars sealed with Teflon-lined caps and Terra Cores®. Terra Core® sampling consisted of driving a dedicated syringe into freshly exposed soils in the selected soil core depth interval. Soil in the syringe was extruded into laboratory-supplied, 40-milliliter volatile organic analysis vials (40 mL VOAs) with preservatives and sealed with Teflon-lined caps.
- Placed all soil samples in an ice chest for cold storage.
- Delivered the ice chest containing soil samples under chain-of-custody documentation to McCampbell Analytical, Inc., a California-certified analytical laboratory for the analysis.
- Removed PVC piping and abandoned boreholes with neat cement with bentonite grout in compliance with TMD requirements and returned surface to as close to original condition as possible. Ms. Nicole Kim, TMD Hazardous Materials Specialist I, was onsite during grouting.

ANALYTICAL RESULTS

Soil samples were analyzed for volatile organic compound (VOCs) using EPA Method 8260B, total petroleum hydrocarbon (TPH) using EPA Method 8015Bm and CAM 17 metals using EPA Method 6020.

For purposes of comparison, analytical results were compared to SFBRWQCB ESLs for residential and commercial/industrial properties (January 2019, Rev 2), Table S-1.

Analytical results are presented in **Table 1**.

Concentrations of detected compounds in soil samples were all below their respective residential and commercial/industrial ESLs except for arsenic. The range of arsenic concentrations are within regional background concentrations (< 11 milligrams/kilogram), and therefore likely naturally occurring. Background concentration in the San Francisco Bay Area is discussed in *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region* (Dylan J. Duvergé, Dec 2011).

The complete laboratory report in included in **Appendix B**.

CONCLUSION AND RECOMMENDATION

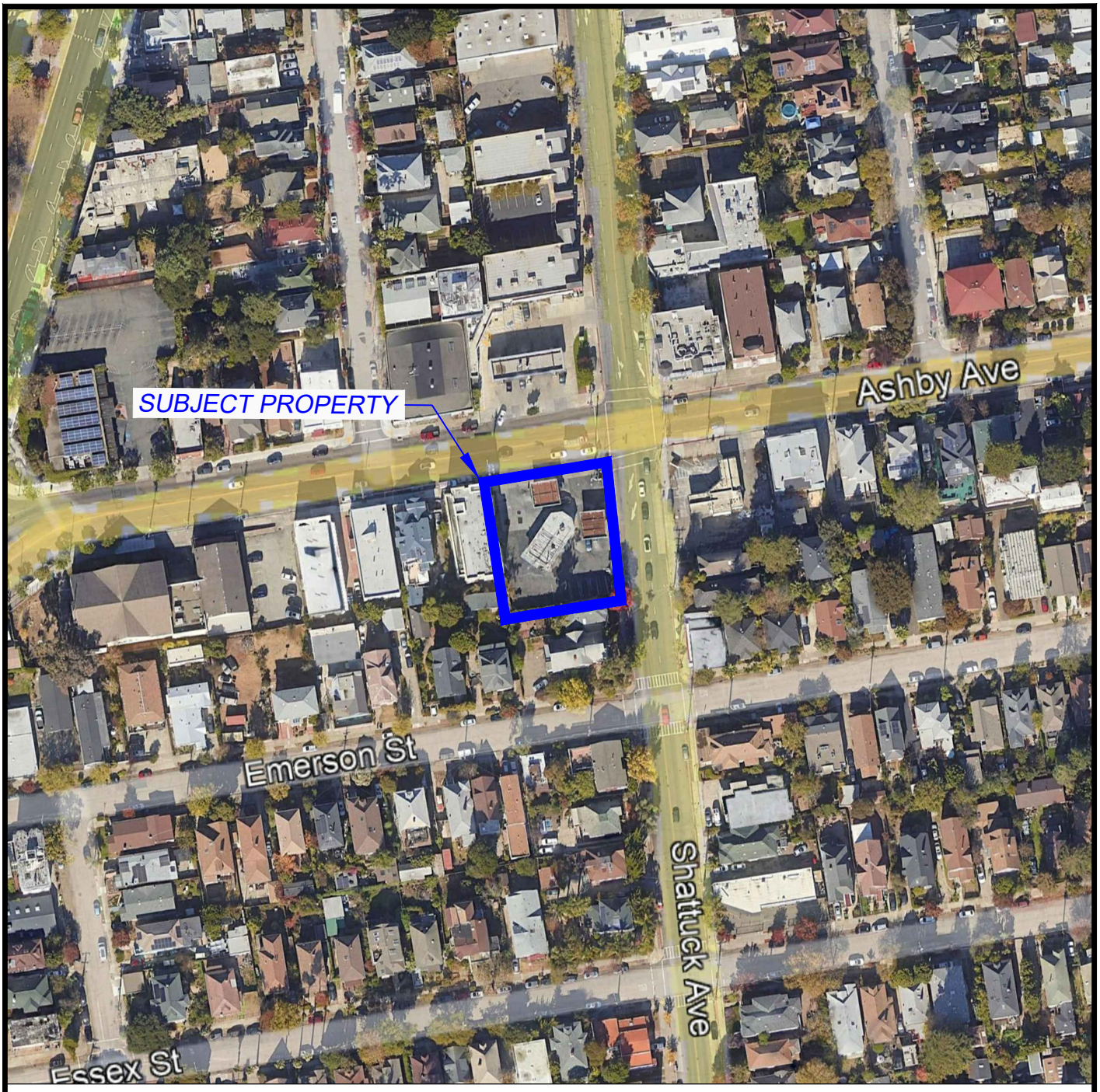
Based on the results of the limited investigation, no additional investigation is recommended until such time that the gas station, USTs, and associated appurtenances are removed prior to redevelopment. A Site Management Plan will be prepared to address health and safety, proper handling, and disposal of USTs and/or contaminated soil, if encountered, during site redevelopment.

If you should have any questions or comments concerning this memo, please contact us at your convenience.

Respectfully yours,

Jen Moser, P.G.
Environmental Professional

FIGURES



N

SCALE

0 150 300 FEET

GEM GROUP, INC.
We help clean the environment!
https://www.mygemgroup.com

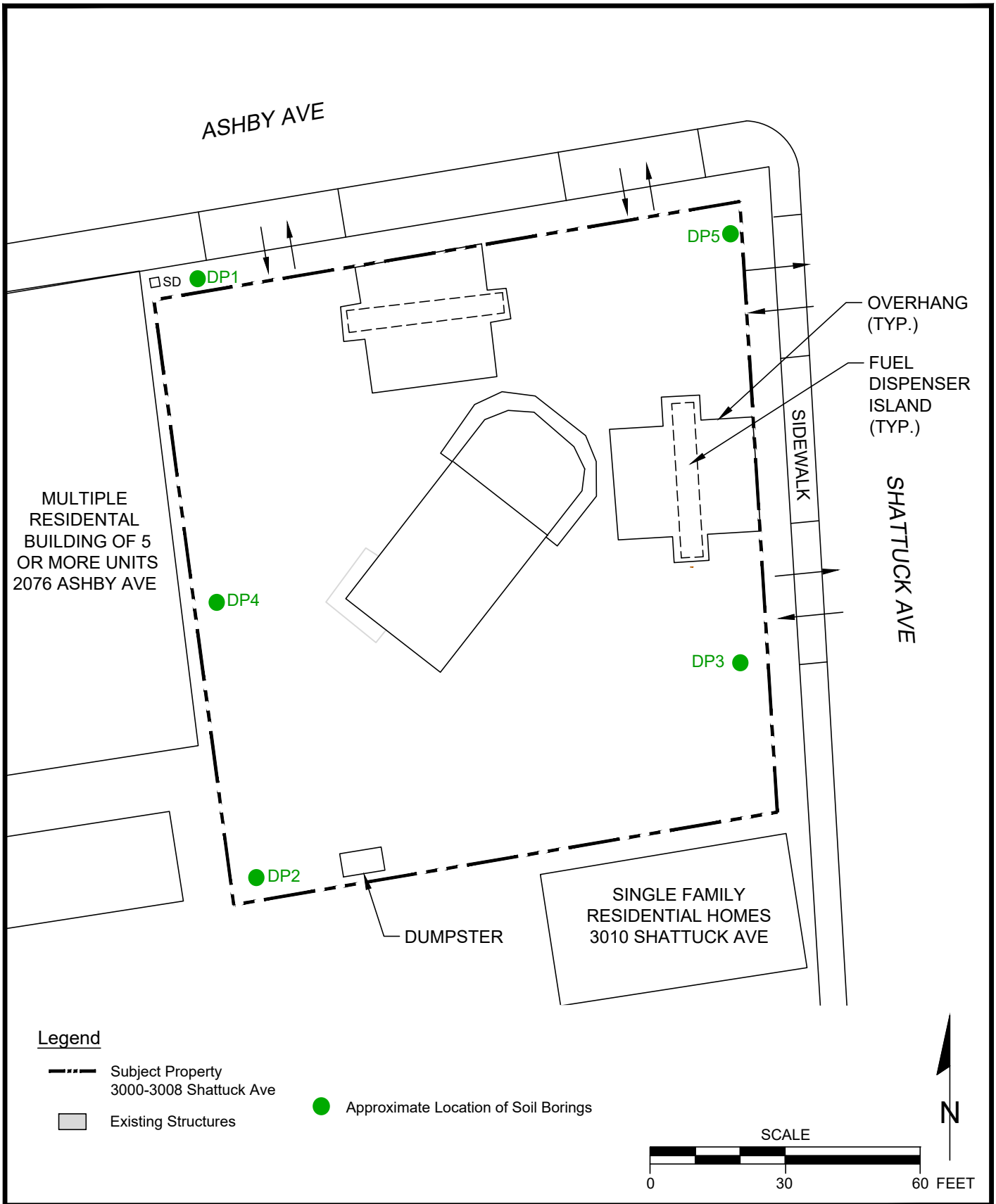
Project Number: 22-16206

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

Figure 1

Site Location Map

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - SLM.dwg, 3/12/2022 2:28:38 PM



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Berkeley, CA 94705

Figure 2

Site Plan

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - SP.dwg, 4/19/2022 6:10:18 PM

TABLE

Table 1
Analytical Results for Soil Samplies with Detections and Screening Levels

EPA Method	Sample ID	DP1-S-01	DP1-S-02	DP2-S-01	DP2-S-02	DP3-S-01	DP3-S-02	DP4-S-01	DP4-S-02	DP5-S-01	DP5-S-02	Residential [1]	Commercial/ Industrial [1]
	Date Collected	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022		
	Depth (feet)	8	20	15	28	10	20	10	20	10	20		
8260B	n-Butyl benzene	3.3	<0.084	<0.084	<0.084	<0.084	<0.084	0.12	<0.084	<0.084	<0.084	NE	NE
	sec-Butyl benzene	0.76	<0.084	<0.084	<0.084	<0.084	<0.084	0.13	<0.084	<0.084	<0.084	NE	NE
	Isopropylbenzene	0.74	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	NE	NE
	4-Isopropyl toluene	0.35	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	NE	NE
	n-Propyl benzene	3.5	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	NE	NE
6020	Antimony [2]	0.54	0.88	<0.50	<0.50	0.56	<0.50	<0.50	0.55	<0.50	<0.50	110	1,600
	Arsenic	10	12	4.8	6.9	7.7	5.1	4.3	7.3	2.9	2.9	0.067	0.31
	Barium [2]	140	430	150	120	140	270	150	130	220	150	15,000	220,000
	Beryllium	0.69	1.0	0.59	0.53	0.56	0.70	0.61	0.61	0.84	<0.50	1,600	6,900
	Cadmium	<0.50	2.0	<0.50	<0.50	<0.50	0.80	0.56	<0.50	<0.50	<0.50	910	4,000
	Chromium III [2]	52	80	67	47	56	71	66	66	80	74	120,000	1,800,000
	Cobalt	7.8	54	16	7.1	6.8	37	24	12	15	5.7	420	1,900
	Copper [2]	28	41	22	29	31	34	23	26	28	21	3,100	47,000
	Lead	8.4	13	7.6	5.6	7.2	18	5.0	6.9	7.0	4.3	82	380
	Mercury [2]	0.058	<0.050	0.092	0.058	0.057	<0.050	0.068	<0.050	<0.050	0.060	13	190
	Molybdenum [2]	3.1	5.2	1.3	2.1	2.2	2.4	0.87	1.7	0.76	0.60	390	5,800
	Nickel	51	110	61	49	39	130	84	63	87	51	15,000	64,000
	Vanadium [2]	60	94	50	53	63	65	55	66	61	54	390	5,800
	Zinc	66	100	68	71	63	71	55	65	76	55	23,000	350,000
8021B/ 8015Bm	TPH-gasoline (C6-C12) [2]	290	<1.0	<1.0	<1.0	<1.0	<1.0	120	<1.0	22	<1.0	430	2,000
	TPH-diesel (C10-C23) [2]	57	<2.0	<2.0	<2.0	5.0	<2.0	3.3	<2.0	<2.0	<2.0	260	1,200
	TPH-motor oil (C18-C36) [2]	290	<10	<10	<10	110	<10	<10	<10	<10	<10	12,000	180,000

Notes:
Results are in milligrams per kilogram (mg/kg).
TPH - Total Petroleum Hydrocarbon
NE - Not Established
<0.016 - detection below reporting limit
detection exceeds both residential and commercial/industrial ESLs

[1] San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) - Environmental Screening Levels (ESLs, cancer level) (January 2019, Rev 2) Table S-1 (https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.html)
[2]- Non-Cancer Hazard Levels

APPENDIX A

USA North 811 Confirmation for Ticket X225701448-00X

notification@usan.org <notification@usan.org>
Wed 9/14/2022 10:15 AM

To: John Mcguire <JohnMcguire@terratactix.com>

EMLCFM 11114X USAN 09/14/22 10:15:21 X225701448-00X NEW NORM POLY LREQ

Ticket: X225701448 Rev: 00X Created: 09/14/22 10:15 User: CMH Chan: CSR

Work Start: 09/23/22 08:00 Legal Start: 09/23/22 08:00 Expires: 10/12/22 23:59
Response required: Y Priority: 2

Excavator Information
Company: TERRA TACTIX
Co Addr: PO BOX 936
City : BENICIA State: CA Zip: 94510
Created By: JOHN MCGUIRE Language: ENGLISH
Office Phone: 707-246-5399 SMS/Cell: 707-246-5399
Office Email: johnmcguire@terratactix.com

Site Contact: CALLER
Site Phone: Site SMS/Cell: 707-246-5399
Site Email:

Excavation Area
State: CA County: ALAMEDA Place: BERKELEY
Zip: 94703
Location: Address/Street: 3000 SHATTUCK AVE
: X/ST1: ASHBY AVE
:
: WORK ALL 4 CORNERS AND THE MIDDLE OF THE W SIDE OF PROPERTY

Delineated Method: WHITE PAINT
Work Type: VERTICAL BORING FOR SOIL SAMPLES
Work For : GEM GROUP
Permit: 23-EB-022 Job/Work order:
1 Year: N Boring: Y Street/Sidewalk: N Vacuum: N Explosives: U

Lat/Long
Center Generated (NAD83): 37.855124/-122.266980 37.855175/-122.266601
: 37.854841/-122.266942 37.854892/-122.266563
Excavator Provided:

Map link:
https://newtin.usan.org/newtinweb/map_tkt.nap?TRG=9FIiHkDl7t4uvxN-Q

Members:

CTYBE2 CITY OF BERKELEY	Public Works	510-981-6620
	Public Works	510-981-6620
CTYBER CITY OF BERKELEY	Engineering	510-981-6439
	Public Works	510-981-6620

EBWCMS EAST BAY WATER	Name not available	510-287-0600
	Emergency Dispatch	510-287-0600
MCIWSA MCI WORLDCOM - CALIFORNIA	NATIONAL FACILITY LOCATE	800-624-9675
	NATIONAL FACILITY LOCATE	800-624-9675
PACBEL PACIFIC BELL	Damage Prevention	510-645-2929
	Damage Prevention	510-645-2929
PGERCH PGE DISTRIBUTION - RICHMOND	Billy Willis	510-330-6648
	EMERGENCY	800-743-5000
SPRINT SPRINT - CALIFORNIA	Name not available	800-521-0579
	For emergencies	800-521-0579

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FREE 811 Safe Digging Education and Training:
For FREE safe digging education and training, visit www.811pro.com. At 811 Pro, you can take our FREE virtual excavator safety course that covers all aspects of the 811 process, and state law requirements. Additionally, you can access and download other safe digging resources that will ensure you follow all the necessary steps and stay safe on your jobsite. Visit www.811pro.com for more information, and to sign up for our FREE virtual excavator training class.

Submit Your Request Online with E-Tickets:
85% of the contractors and excavators submitting tickets today are doing so online through our E-Tickets platform. It not only is saving them time and money, but allows us to keep our 811 phone lines open for damages, emergencies, curious homeowners, and new contractors who need help with the system. With your E-Ticket account you can submit any ticket you have, submit Renew or Re-mark requests, and have access to a stellar team of Web Operations Specialists who are available to help walk you through any questions or issues you might have. For more information on E-Tickets visit usanorth811.org and click the orange â€œGet Startedâ€ button on the top right corner of the page.

Legal Start Information:
You cannot begin digging until each facility owner has responded to your request and it has passed the legal start date and time on your request. If you wish to begin sooner than the legal date and time indicated on your ticket, you must contact each facility operator individually to request that they respond sooner. You must begin digging no later than 14 calendar days after your ticket was created. Phone numbers for the relevant facility operators are listed at the bottom of your ticket.

Missing a Response from a Utility Member Listed on Your Ticket?:
If the legal start date and time has passed and a facility operator has not marked an underground facility at the dig site, state law requires that you process a No Response notice to your ticket. This can be done online through the E-Ticket program at www.usanorth811.org or by calling 811.

Your Ticket Is Only Valid for 28 Calendar Days:
Your ticket will automatically expire 28 calendar days after the date of creation. If you need to continue digging beyond that date, state law requires that you renew your ticket before the expiration date. If the utility markings at your site are no longer clearly visible, you must request a re-mark. Re-mark requests must be submitted at least two working days, not counting the day of submission, before

the expiration date of your ticket. You can renew or re-mark your ticket online through the E-Ticket program at usanorth811.org or by calling 811.

Maintaining Utility Markings and Requesting Re-Marks at your Worksite:
It is your responsibility to respect and protect the utility markings. If the markings become disturbed and are no longer clearly visible, state law requires that you stop excavation and have the area in which the markings have been disturbed re-marked by the appropriate facility operators. Re-mark requests must be submitted at least two working days, not counting the day of submission, before the expiration date of your ticket. You can submit a re-mark request on your ticket online through the E-Ticket program at usanorth811.org or by calling 811.

What Are Private Lines and How Do I Request Locates for Them?:
Utility members are only responsible to locate facilities that they own and maintain. Any other facilities, commonly called private lines, that were installed by a home builder, contractor, or the homeowner themselves, can be located by a private locator. Common private lines are water lines from the water meter to a home, irrigation or sprinkler lines, gas line feeding a back yard barbeque or fire pit, or an electrical line that powers a detached shed. You can find more information about private locators by visiting usanorth811.org or by searching online for â€œprivate utility locators.â€

Non-member Facility Owners:
The vast majority, but not all, owners of underground facilities are members of the USA North 811 nonprofit association of utility owners. Non-member entities include California and Nevada departments of transportation, railroads, military, tribal, and a few other entities. Non-pressurized sewer and drain line owners are also exempt from participating in California. Please review the list of utility owners on your ticket and contact any other affected entities directly.

Tolerance Zone and Hand Digging Requirements:
When digging near underground facilities, state law requires that you use only hand tools to expose lines in conflict with your excavation. Hand tools must be used within 24 inches of the outside edge of all utility markings. You may use vacuum equipment only if indicated on your ticket and with the approval of the facility operator whose line will be exposed.

Damaged, Nicked, Scraped, or Dented an Underground Facility?:
If you discover or cause damage, nicks, scrapes, dents, or any other disturbance to a marked or unmarked underground facility, state law requires that you immediately report the damage to the facility owner. You can contact the facility operator directly using the phone number listed at the bottom of your ticket, or you may contact USA North 811 to process a Damage/Exposed ticket. This can be done online through the E-Ticket program at usanorth811.org or by calling 811. You must also contact 911 if you discover or cause damage to a natural gas line, high-voltage power cable, high-pressure or hazardous materials pipeline, or any other high-priority facility. Make sure to evacuate the area before calling 911.

Additional Site Information:
When submitting your locate ticket, you should have provided all necessary information about the site including special circumstances such as site access instructions, locked gate information, dogs in the yard or on the property,or any other information that would help assist the locators before arriving to your site. If you forgot to add information like this, you can submit a ticket

amendment and add this necessary information to your existing locate ticket. You can submit an amendment online through the E-Ticket program at usanorth811.org or by calling 811.

Delineating or Pre-marking Your Work Site:
State law requires that you mark out the dimensions of your project by delineating or pre-marking with something white, such as spray paint, chalk, flags, or stakes to show the utility companies where you plan to dig before you submit your locate ticket. If you have yet to pre-mark your dig site, please do so as soon as possible. You may start digging after the two working day minimum notice or the starting date and time you provided, whichever is later, has passed and every utility operator that was notified on your ticket has responded by either marking their underground facilities at the dig site, letting you know their facilities are not in conflict with your project, or making other arrangements with you.

Job Summary

Job Date : 9/26/2022

Customer	Gem Group, Inc		**Phone Number**
Billing Address	**City**	**State**	**Zip**
967 Kendall Drive, Suite A-324	San Bernardino	CA	92407

Job Details

Jobsite Location	3000 SHATTUCK AVE
City	BERKELEY
State	CA

WA Number	387799
Job Num	
PO Num	

Lead Technician CARLSON, GUSTAF **Phone** 510-301-7564 **Email** gus.carlson@gprsinc.com

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.

Work Performed

Ground Penetrating Radar Systems performed the following work on this project:

Underground Utility

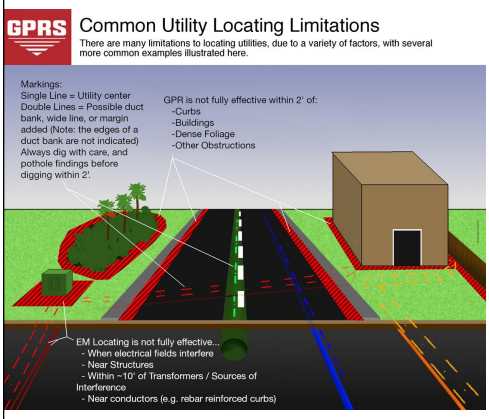
The scope of work included scanning the specified area to locate underground utilities. A tracer signal was sent along any accessible metallic utility or tracer wire, and the area was scanned with GPR to locate any additional targets. The locations of any detected utilities and anomalies were marked directly at the site with paint, flags, stakes, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted.

- Scan for underground utilities around 5 soil boring locations.
- The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 3 feet.
- Our equipment detected electrical and unidentified utilities within the scan areas. All marks were made with spray paint and approximate depths were provided when possible. One PVC drain/clean out could. Or be located with our equipment.

Job Summary

Job Date : 9/26/2022

Pictures



Utility Limitations

TERMS & CONDITIONS

https://www.gp-radar.com/legal/terms-conditions?utm_source=jobsummary&utm_medium=referral

SIGNATURE

Contact Name

Jen Moser **Jenmoser@mygemgroup.com**

Job Summary

Job Date : 9/26/2022

///SUBSURFACE INVESTIGATION METHODOLOGY

POWERING THE INDUSTRY STANDARD///

Proper training, multiple technologies, and a field-tested methodology are the key to a successful utility locate, concrete scan, and video pipe inspection. GPRS is a master of all three components by utilizing the SIM Specification.

TRAINING

The industry standard recommends 8 hours as a minimum for training and 60 hours practicing GPR to become certified NDT Level I in Ground Penetrating Radar. In contrast, SIM requires 320 hours of mentorship in the field prior to 80 hours of classroom/hands-on training.

In addition, the classroom training reinforces what a technician learns in the field. This classroom setting also allows them to go deeper into the technical aspects and knowledge needed to perform their jobs at the highest level.

EQUIPMENT

Subsurface Investigation Methodology (SIM) requires multiple technologies to be used in an investigation. With any investigation, more data points yield the best outcome. When SIM qualified technicians locate a subsurface target such as a pipe, utility, or reinforcing with more than one technology, it confirms the accuracy of the locate. This redundancy also reduces the likelihood of missing a buried target. Redundant results bear more data points; by locating pipes and other targets with different methods utilizing each tool's strengths and weaknesses, technicians reduce the risk of missing key site information.

METHODOLOGY

The SIM specification is a tested process that allows technicians to acquire accurate and repeatable results. SIM is similar to a machine that requires multiple gears, all working in unison for it to function properly. One of the most critical gears and steps in the SIM process is the repeated methodology that technicians must know for each project.

A solid, repeatable methodology guarantees that a concrete scanning, utility locating, or video pipe inspection job can be performed by a seasoned professional but also by a new-to-the-business technician. When the SIM methodology is followed, it allows technicians to achieve the same results regardless of their experience in the field.

SIMSPEC.ORG

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

TMD Use Only
Permit No.: 23-EB-022 *(expires 120 days from approval)*
Permit Fee: $810 **Check #:** _____
Approved by: NE **Date:** 9/8/2022
Admin: Contractor Licenses – Reviewed by: _____
Geo/Eng license Y / N CoB Business Y / N
Driller license Y / N CoB Business Y / N
Documents Scanned by: _____

Revised 7/10/2018

SUBSURFACE DRILLING PERMIT APPLICATION

Purpose of Application	☐ Groundwater Monitoring/Vapor Well **Installation** ☐ Groundwater Monitoring/Vapor Well **Destruction** (Provide approval letter from oversight agency) ☐ Well **Modification** (pumps, vacuums, probes, elevation, etc.) **Number of Wells:** _____	■ Soil Borings, probes, sampling points **Number of Borings:** 5 ☐ Extension of Permit # _____

Name of Facility: 3000 Shattuck Avenue LLC	
Address: 3000 - 3008 Shattuck Avenue, Berkeley, CA 94705	
Business Telephone:	Emergency Telephone:

Property Owner: 3000 Shattuck Avenue LLC	
Owner Address: 3000 Shattuck Avenue , Berkeley, CA	

Supervising Geological or Engineering Co.: Jen Moser		City of Berkeley Business Lic #: BL-013791	
Address/City: 967 Kendall Drive Ste A-324, San Bernardino, CA 92407-4306			
Geol/Eng Lic. #: 7330	Tel.: 510-376-5771	Fax: 877-857-2212	
Contact Person: Jen Moser	Email: jenmoser@mygemgroup.com		

Drilling Co.: Environmental Control Associates, INC		City of Berkeley Business Lic #: BL-07035	
Address/City: 3011 Twin Palms Drive, Aptos CA 95003			
C-57 License #: 695970	Exp. Date: 9/30/22	Tel.: 530-441-8393	Fax: NA
Local Contact Person: Bryan Cook		Email: bryancook101562@gmail.com	

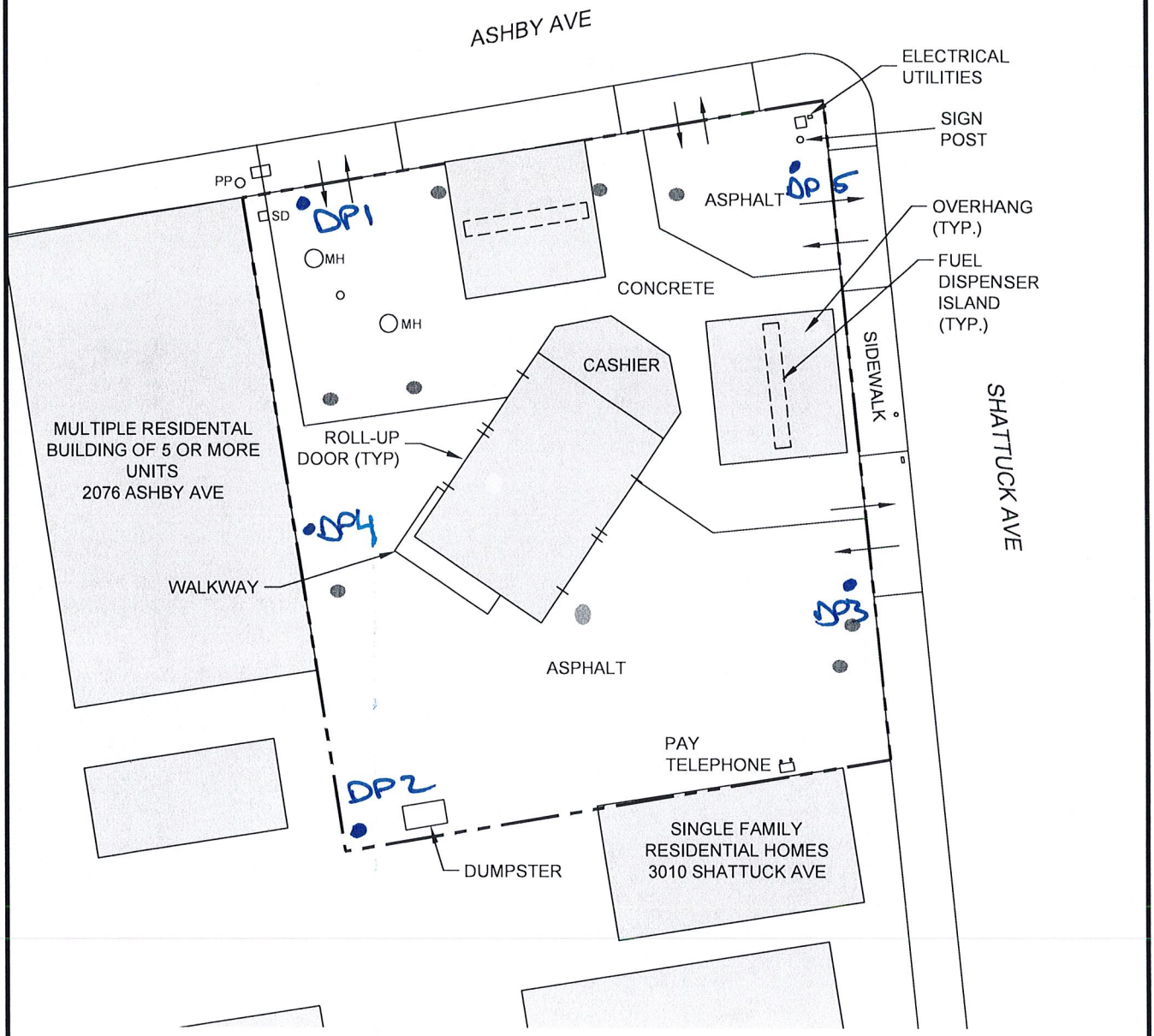
Construction/Destruction Specifications (attach information as needed for multiple construction types)		
Borehole/Well Casing Diameter: 2.25 Inches	Gauge of Well Casing: NA	
Borehole/Well Depth: <20 feet	Well Screen type: NA	Slot Size: NA
Type of grout (specify mix or product): Neat cement with bentonite		

- **Provide a scaled plan** identifying the proposed drilling locations, property boundaries, streets, structures, pollution source areas.
- Call the Toxics Management Division (TMD) at (510) 981-7460 to schedule an inspection of the grout sealing of wells, probes and boreholes. **Notify TMD a minimum of two (2) working days in advance** of first scheduled day of drilling
- This permit is subject to the Conditions of Approval stated on the following page.

I certify that I have prepared this application and that the work will be done in accordance with the conditions of this permit, the provisions of the laws of the State of California, including State Water Well Standards, and the ordinances and the rules and regulations of the City of Berkeley.

Signed _____ Representing GEM Group Date September 6, 2022

FEES: First Well/Each add'l: $420/$150 First Soil Boring/Each add'l: $210/$150



C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - SP.dwg, 3/12/2022 3:40:29 PM

GEM GROUP INC. We help clean the environment!

https://www.mygemgroup.com

Project Number: 22-14819

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

Figure 2

Site Plan

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 20.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

ASPHALT: surface approximately 2.5" thick. 0.2'

1.0'

CLAY: light brown, high plasticity.

2.0'

CLAY: light brown, no change in lithology.

5.5'

CLAY: change in color from light brown to gray/green color, slight staining, slight odor. Sample collected at 8 feet bgs · Stain interval was less than three inches from first encounter.

CH

9.0'

CLAY: light brown, consistent with overlying clay soil. No odors.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

GEM GROUP, INC

Project Number: 22-16206

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

FIGURE 3

BORING DP-1

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-1.dwg, 10/1/2022 11:09:16 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE
18					CH	
19						
20				Sample collected at 20 feet bgs. Groundwater not encountered.		
				TOTAL DEPTH OF BORING = 20.0 FEET		
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 20.0 ft
DRILLING METHOD: Hand Auger
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2 in.
SLEEVE DIA –

GEM GROUP, INC	Project Number: 22-16206 Project Address: 3000-3008 Shattuck Ave Berkeley, CA 94705	FIGURE 3 BORING DP-1

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-1.dwg, 10/1/2022 11:29:31 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 28.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

ASPHALT: surface approximately 2.5" thick. 0.2'

2.0'

CLAY: light brown, high plasticity, dry to occassionally damp

CH

14.0'

CLAY: light brown consistent from surface to current depth. No sign of staining or odor.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

GEM GROUP, INC

Project Number: 22-16206

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

FIGURE 4

BORING DP-2

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-2.dwg, 10/1/2022 11:52:50 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE
18						
19						
20						
21						
22					CH	
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 28.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

Sample collected at 28 feet bgs. Groundwater not encountered.

TOTAL DEPTH OF BORING = 28.0 FEET

GEM GROUP, INC

Project Number: 22-16206

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

FIGURE 4

BORING DP-2

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-2.dwg, 10/1/2022 11:53:43 AM

LOGGED BY	J. McGuire	COORDINATES (approx):
GEOLOGIST	J. Moser	N
DATE	9/26/2022	E
TOTAL DEPTH	20.0 ft	ELEV. –
DRILLING METHOD	Direct Push	BOREHOLE DIA 2.5 in.
BACKFILL MATERIAL	–	SLEEVE DIA –

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE	
							ASPHALT: surface approximately 2.5" thick. 0.2'
1							
2							2.0' CLAY: light brown, high plasticity, dry to occassionally damp
3							
4							
5							
6							
7							
8							
9					CH		9.0' CLAY: light brown consistent from surface to current depth. No sign of staining or odor.
10							
11							
12							
13							
14							14.0' CLAY: continuation of light brown, no sign of staining or odor, uniform in appearance to overlying clay.
15							
16							

GEM GROUP, INC

Project Number: 22-16206

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

FIGURE 5

BORING DP-3

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-3.dwg, 10/1/2022 11:49:05 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE
18					CH	
19						
20				Sample collected at 20 feet bgs. Groundwater not encountered.		
				TOTAL DEPTH OF BORING = 20.0 FEET		
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 20.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

GEM GROUP, INC	Project Number: 22-16206 Project Address: 3000-3008 Shattuck Ave Berkeley, CA 94705	FIGURE 5 BORING DP-3

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-3.dwg, 10/1/2022 11:50:02 AM

LOGGED BY	J. McGuire	COORDINATES (approx):
GEOLOGIST	J. Moser	N
DATE	9/26/2022	E
TOTAL DEPTH	20.0 ft	ELEV. –
DRILLING METHOD	Direct Push	BOREHOLE DIA 2.5 in.
BACKFILL MATERIAL	–	SLEEVE DIA –

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE	
							ASPHALT: surface approximately 2.5" thick. 0.2'
1							
2							2.0' CLAY: light brown, high plasticity.
3							
4							
5							
6							
7							
8							
9					CH		9.0' CLAY: light brown, no change in lithology. No odors or staining.
10							
11							
12							
13							
14							14.0' CLAY: light brown, no change in lithology. No odors or staining.
15							
16							

GEM GROUP, INC

Project Number: 22-16206

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

FIGURE 6

BORING DP-4

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-1.dwg, 10/1/2022 11:09:16 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE
18					CH	
19						
	S-02			Sample collected at 20 feet bgs.		
20				TOTAL DEPTH OF BORING = 20.0 FEET		
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 20.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

GEM GROUP, INC

Project Number: 22-16206

Project Address: 3000-3008 Shattuck Ave
Berkeley, CA 94705

FIGURE 6

BORING DP-4

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-5.dwg, 10/1/2022 11:47:38 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE
18					CH	
19						
20				Sample collected at 20 feet bgs. Groundwater not encountered.		
				TOTAL DEPTH OF BORING = 20.0 FEET		
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 20.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

GEM GROUP, INC	Project Number: 22-16206 Project Address: 3000-3008 Shattuck Ave Berkeley, CA 94705	FIGURE 6 BORING DP-4

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-5.dwg, 10/1/2022 11:47:38 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 20.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

ASPHALT: surface approximately 2.5" thick. 0.2'

2.0'

CLAY: light brown, high plasticity, dry to occassionally damp

CH

9.0'

CLAY: light brown consistent from surface to current depth. No sign of staining or odor. No water encountered.

S-01

14.0'

CLAY: continuation of light brown, no sign of staining or odor, uniform in appearance to overlying clay.

GEM GROUP, INC	Project Number: 22-16206 Project Address: 3000-3008 Shattuck Ave Berkeley, CA 94705	FIGURE 7 BORING DP-5

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-5.dwg, 10/1/2022 11:47:17 AM

DEPTH	SOIL SAMPLE	BLOWS/6"	RECOVERY	REMARKS	USCS	PROFILE
18					CH	
19						
20				Sample collected at 20 feet bgs. Groundwater not encountered.		
				TOTAL DEPTH OF BORING = 20.0 FEET		
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

LOGGED BY: J. McGuire
GEOLOGIST: J. Moser
DATE: 9/26/2022
TOTAL DEPTH: 20.0 ft
DRILLING METHOD: Direct Push
BACKFILL MATERIAL: –

COORDINATES (approx):
N
E
ELEV. –
BOREHOLE DIA 2.5 in.
SLEEVE DIA –

GEM GROUP, INC	Project Number: 22-16206 Project Address: 3000-3008 Shattuck Ave Berkeley, CA 94705	FIGURE 7 BORING DP-5

C:\Users\Bill\Documents\Moser\Phase I ESAs\Phase I ESAs\3000-3008 Shattuck Ave Berkeley\3000-3008 Shattuck Ave Berkeley - DP-5.dwg, 10/1/2022 11:47:38 AM

Table 1
Analytical Results for Soil Samplies with Detections and Screening Levels

EPA Method	Sample ID	DP1-S-01	DP1-S-02	DP2-S-01	DP2-S-02	DP3-S-01	DP3-S-02	DP4-S-01	DP4-S-02	DP5-S-01	DP5-S-02	Residential [1]	Commercial/ Industrial [1]
	Date Collected	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022	9/26/2022		
	Depth (feet)	8	20	15	28	10	20	10	20	10	20		
8260B	n-Butyl benzene	3.3	<0.084	<0.084	<0.084	<0.084	<0.084	0.12	<0.084	<0.084	<0.084	NE	NE
	sec-Butyl benzene	0.76	<0.084	<0.084	<0.084	<0.084	<0.084	0.13	<0.084	<0.084	<0.084	NE	NE
	Isopropylbenzene	0.74	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	NE	NE
	4-Isopropyl toluene	0.35	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	NE	NE
	n-Propyl benzene	3.5	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	NE	NE
6020	Antimony [2]	0.54	0.88	<0.50	<0.50	0.56	<0.50	<0.50	0.55	<0.50	<0.50	110	1,600
	Arsenic	10	12	4.8	6.9	7.7	5.1	4.3	7.3	2.9	2.9	0.067	0.31
	Barium [2]	140	430	150	120	140	270	150	130	220	150	15,000	220,000
	Beryllium	0.69	1.0	0.59	0.53	0.56	0.70	0.61	0.61	0.84	<0.50	1,600	6,900
	Cadmium	<0.50	2.0	<0.50	<0.50	<0.50	0.80	0.56	<0.50	<0.50	<0.50	910	4,000
	Chromium III [2]	52	80	67	47	56	71	66	66	80	74	120,000	1,800,000
	Cobalt	7.8	54	16	7.1	6.8	37	24	12	15	5.7	420	1,900
	Copper [2]	28	41	22	29	31	34	23	26	28	21	3,100	47,000
	Lead	8.4	13	7.6	5.6	7.2	18	5.0	6.9	7.0	4.3	82	380
	Mercury [2]	0.058	<0.050	0.092	0.058	0.057	<0.050	0.068	<0.050	<0.050	0.060	13	190
	Molybdenum [2]	3.1	5.2	1.3	2.1	2.2	2.4	0.87	1.7	0.76	0.60	390	5,800
	Nickel	51	110	61	49	39	130	84	63	87	51	15,000	64,000
	Vanadium [2]	60	94	50	53	63	65	55	66	61	54	390	5,800
	Zinc	66	100	68	71	63	71	55	65	76	55	23,000	350,000
8021B/ 8015Bm	TPH-gasoline (C6-C12) [2]	290	<1.0	<1.0	<1.0	<1.0	<1.0	120	<1.0	22	<1.0	430	2,000
	TPH-diesel (C10-C23) [2]	57	<2.0	<2.0	<2.0	5.0	<2.0	3.3	<2.0	<2.0	<2.0	260	1,200
	TPH-motor oil (C18-C36) [2]	290	<10	<10	<10	110	<10	<10	<10	<10	<10	12,000	180,000

Notes:
Results are in milligrams per kilogram (mg/kg).
TPH - Total Petroleum Hydrocarbon
NE - Not Established
<0.016 - detection below reporting limit
detection exceeds both residential and commercial/industrial ESLs

[1] San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) - Environmental Screening Levels (ESLs, cancer level) (January 2019, Rev 2) Table S-1 (https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.html)
[2]- Non-Cancer Hazard Levels

APPENDIX B

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder:	2209F97	**Amended:**	10/10/2022
		Revision:	1
Report Created for:	John McGuire		
	552 Watson Ct. Benicia, CA 94510		
Project Contact:	John McGuire		
Project P.O.:			
Project:	3000 Shattuck		
Project Received:	09/26/2022		

Analytical Report reviewed & approved for release on 10/07/2022 by:

Susan Thompson
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
CA ELAP 1644 ♦ NELAP 4033 ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Revision History

Client: John McGuire **WorkOrder:** 2209F97
Project: 3000 Shattuck

Date	Revision	Reason
10/10/2022	1	Erroneous hold time error message has been removed from the sample receipt checklist.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: John McGuire **WorkOrder:** 2209F97

Project: 3000 Shattuck

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016.
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting limit is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: John McGuire **WorkOrder:** 2209F97
Project: 3000 Shattuck

Analytical Qualifiers

B	Analyte detected in the associated Method Blank at a concentration greater than 1/10 the reported sample result.
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Surrogate recovery outside accepted recovery limits.
a9	Reporting limit near, but not identical to, our standard reporting limit due to variable Encore, Terracore, or Solid sample weight.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c4	Surrogate recovery outside of the control limits due to coelution with another peak(s) / cluttered chromatogram.
d7	Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9	No recognizable pattern
e2	Diesel range compounds are detected; no recognizable pattern
e7	Oil range compounds are detected.

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-01	2209F97-001A	Soil	09/26/2022 08:50	GC18 10052225.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.37	1	10/06/2022 00:10
tert-Amyl methyl ether (TAME)	ND	0.0093	1	10/06/2022 00:10
Benzene	ND	0.0093	1	10/06/2022 00:10
Bromobenzene	ND	0.0093	1	10/06/2022 00:10
Bromochloromethane	ND	0.0093	1	10/06/2022 00:10
Bromodichloromethane	ND	0.0019	1	10/06/2022 00:10
Bromoform	ND	0.0093	1	10/06/2022 00:10
Bromomethane	ND	0.0093	1	10/06/2022 00:10
2-Butanone (MEK)	ND	0.093	1	10/06/2022 00:10
t-Butyl alcohol (TBA)	ND	0.093	1	10/06/2022 00:10
n-Butyl benzene	ND	0.0093	1	10/06/2022 00:10
sec-Butyl benzene	ND	0.0093	1	10/06/2022 00:10
tert-Butyl benzene	ND	0.0093	1	10/06/2022 00:10
Carbon Disulfide	ND	0.0093	1	10/06/2022 00:10
Carbon Tetrachloride	ND	0.0093	1	10/06/2022 00:10
Chlorobenzene	ND	0.0093	1	10/06/2022 00:10
Chloroethane	ND	0.0093	1	10/06/2022 00:10
Chloroform	ND	0.0093	1	10/06/2022 00:10
Chloromethane	ND	0.0093	1	10/06/2022 00:10
2-Chlorotoluene	ND	0.0093	1	10/06/2022 00:10
4-Chlorotoluene	ND	0.0093	1	10/06/2022 00:10
Dibromochloromethane	ND	0.0093	1	10/06/2022 00:10
1,2-Dibromo-3-chloropropane	ND	0.00093	1	10/06/2022 00:10
1,2-Dibromoethane (EDB)	ND	0.00046	1	10/06/2022 00:10
Dibromomethane	ND	0.0093	1	10/06/2022 00:10
1,2-Dichlorobenzene	ND	0.0093	1	10/06/2022 00:10
1,3-Dichlorobenzene	ND	0.0093	1	10/06/2022 00:10
1,4-Dichlorobenzene	ND	0.0093	1	10/06/2022 00:10
Dichlorodifluoromethane	ND	0.0093	1	10/06/2022 00:10
1,1-Dichloroethane	ND	0.0093	1	10/06/2022 00:10
1,2-Dichloroethane (1,2-DCA)	ND	0.00046	1	10/06/2022 00:10
1,1-Dichloroethene	ND	0.0093	1	10/06/2022 00:10
cis-1,2-Dichloroethene	ND	0.0093	1	10/06/2022 00:10
trans-1,2-Dichloroethene	ND	0.0093	1	10/06/2022 00:10
1,2-Dichloropropane	ND	0.0093	1	10/06/2022 00:10
1,3-Dichloropropane	ND	0.0093	1	10/06/2022 00:10
2,2-Dichloropropane	ND	0.0093	1	10/06/2022 00:10

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-01	2209F97-001A	Soil	09/26/2022 08:50	GC18 10052225.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0093	1	10/06/2022 00:10
cis-1,3-Dichloropropene	ND	0.0093	1	10/06/2022 00:10
trans-1,3-Dichloropropene	ND	0.0093	1	10/06/2022 00:10
Diisopropyl ether (DIPE)	ND	0.0093	1	10/06/2022 00:10
Ethylbenzene	ND	0.0093	1	10/06/2022 00:10
Ethyl tert-butyl ether (ETBE)	ND	0.0093	1	10/06/2022 00:10
Freon 113	ND	0.0093	1	10/06/2022 00:10
Hexachlorobutadiene	ND	0.0093	1	10/06/2022 00:10
Hexachloroethane	ND	0.0093	1	10/06/2022 00:10
2-Hexanone	ND	0.0093	1	10/06/2022 00:10
Isopropylbenzene	ND	0.0093	1	10/06/2022 00:10
4-Isopropyl toluene	ND	0.0093	1	10/06/2022 00:10
Methyl-t-butyl ether (MTBE)	ND	0.0093	1	10/06/2022 00:10
Methylene chloride	ND	0.037	1	10/06/2022 00:10
4-Methyl-2-pentanone (MIBK)	ND	0.0093	1	10/06/2022 00:10
Naphthalene	ND	0.0093	1	10/06/2022 00:10
n-Propyl benzene	ND	0.0093	1	10/06/2022 00:10
Styrene	ND	0.0093	1	10/06/2022 00:10
1,1,1,2-Tetrachloroethane	ND	0.0093	1	10/06/2022 00:10
1,1,2,2-Tetrachloroethane	ND	0.0093	1	10/06/2022 00:10
Tetrachloroethene	ND	0.0093	1	10/06/2022 00:10
Toluene	ND	0.0093	1	10/06/2022 00:10
1,2,3-Trichlorobenzene	ND	0.0093	1	10/06/2022 00:10
1,2,4-Trichlorobenzene	ND	0.0093	1	10/06/2022 00:10
1,1,1-Trichloroethane	ND	0.0093	1	10/06/2022 00:10
1,1,2-Trichloroethane	ND	0.0093	1	10/06/2022 00:10
Trichloroethene	ND	0.0093	1	10/06/2022 00:10
Trichlorofluoromethane	ND	0.0093	1	10/06/2022 00:10
1,2,3-Trichloropropane	ND	0.00046	1	10/06/2022 00:10
1,2,4-Trimethylbenzene	ND	0.0093	1	10/06/2022 00:10
1,3,5-Trimethylbenzene	ND	0.0093	1	10/06/2022 00:10
Vinyl Chloride	ND	0.00046	1	10/06/2022 00:10
m,p-Xylene	ND	0.0093	1	10/06/2022 00:10
o-Xylene	ND	0.0093	1	10/06/2022 00:10
Xylenes, Total	ND	0.0093	1	10/06/2022 00:10

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-01	2209F97-001A	Soil	09/26/2022 08:50	GC18 10052225.D	254753

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	102	70-140		10/06/2022 00:10
Toluene-d8	102	70-140		10/06/2022 00:10
4-BFB	92	70-140		10/06/2022 00:10
Benzene-d6	96	50-140		10/06/2022 00:10
Ethylbenzene-d10	101	50-140		10/06/2022 00:10
1,2-DCB-d4	76	40-140		10/06/2022 00:10

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-02	2209F97-002A	Soil	09/26/2022 08:50	GC18 10052226.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.38	1	10/06/2022 00:51
tert-Amyl methyl ether (TAME)	ND	0.0095	1	10/06/2022 00:51
Benzene	ND	0.0095	1	10/06/2022 00:51
Bromobenzene	ND	0.0095	1	10/06/2022 00:51
Bromochloromethane	ND	0.0095	1	10/06/2022 00:51
Bromodichloromethane	ND	0.0019	1	10/06/2022 00:51
Bromoform	ND	0.0095	1	10/06/2022 00:51
Bromomethane	ND	0.0095	1	10/06/2022 00:51
2-Butanone (MEK)	ND	0.095	1	10/06/2022 00:51
t-Butyl alcohol (TBA)	ND	0.095	1	10/06/2022 00:51
n-Butyl benzene	ND	0.0095	1	10/06/2022 00:51
sec-Butyl benzene	ND	0.0095	1	10/06/2022 00:51
tert-Butyl benzene	ND	0.0095	1	10/06/2022 00:51
Carbon Disulfide	ND	0.0095	1	10/06/2022 00:51
Carbon Tetrachloride	ND	0.0095	1	10/06/2022 00:51
Chlorobenzene	ND	0.0095	1	10/06/2022 00:51
Chloroethane	ND	0.0095	1	10/06/2022 00:51
Chloroform	ND	0.0095	1	10/06/2022 00:51
Chloromethane	ND	0.0095	1	10/06/2022 00:51
2-Chlorotoluene	ND	0.0095	1	10/06/2022 00:51
4-Chlorotoluene	ND	0.0095	1	10/06/2022 00:51
Dibromochloromethane	ND	0.0095	1	10/06/2022 00:51
1,2-Dibromo-3-chloropropane	ND	0.00095	1	10/06/2022 00:51
1,2-Dibromoethane (EDB)	ND	0.00048	1	10/06/2022 00:51
Dibromomethane	ND	0.0095	1	10/06/2022 00:51
1,2-Dichlorobenzene	ND	0.0095	1	10/06/2022 00:51
1,3-Dichlorobenzene	ND	0.0095	1	10/06/2022 00:51
1,4-Dichlorobenzene	ND	0.0095	1	10/06/2022 00:51
Dichlorodifluoromethane	ND	0.0095	1	10/06/2022 00:51
1,1-Dichloroethane	ND	0.0095	1	10/06/2022 00:51
1,2-Dichloroethane (1,2-DCA)	ND	0.00048	1	10/06/2022 00:51
1,1-Dichloroethene	ND	0.0095	1	10/06/2022 00:51
cis-1,2-Dichloroethene	ND	0.0095	1	10/06/2022 00:51
trans-1,2-Dichloroethene	ND	0.0095	1	10/06/2022 00:51
1,2-Dichloropropane	ND	0.0095	1	10/06/2022 00:51
1,3-Dichloropropane	ND	0.0095	1	10/06/2022 00:51
2,2-Dichloropropane	ND	0.0095	1	10/06/2022 00:51

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-02	2209F97-002A	Soil	09/26/2022 08:50	GC18 10052226.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0095	1	10/06/2022 00:51
cis-1,3-Dichloropropene	ND	0.0095	1	10/06/2022 00:51
trans-1,3-Dichloropropene	ND	0.0095	1	10/06/2022 00:51
Diisopropyl ether (DIPE)	ND	0.0095	1	10/06/2022 00:51
Ethylbenzene	ND	0.0095	1	10/06/2022 00:51
Ethyl tert-butyl ether (ETBE)	ND	0.0095	1	10/06/2022 00:51
Freon 113	ND	0.0095	1	10/06/2022 00:51
Hexachlorobutadiene	ND	0.0095	1	10/06/2022 00:51
Hexachloroethane	ND	0.0095	1	10/06/2022 00:51
2-Hexanone	ND	0.0095	1	10/06/2022 00:51
Isopropylbenzene	ND	0.0095	1	10/06/2022 00:51
4-Isopropyl toluene	ND	0.0095	1	10/06/2022 00:51
Methyl-t-butyl ether (MTBE)	ND	0.0095	1	10/06/2022 00:51
Methylene chloride	ND	0.038	1	10/06/2022 00:51
4-Methyl-2-pentanone (MIBK)	ND	0.0095	1	10/06/2022 00:51
Naphthalene	ND	0.0095	1	10/06/2022 00:51
n-Propyl benzene	ND	0.0095	1	10/06/2022 00:51
Styrene	ND	0.0095	1	10/06/2022 00:51
1,1,1,2-Tetrachloroethane	ND	0.0095	1	10/06/2022 00:51
1,1,2,2-Tetrachloroethane	ND	0.0095	1	10/06/2022 00:51
Tetrachloroethene	ND	0.0095	1	10/06/2022 00:51
Toluene	ND	0.0095	1	10/06/2022 00:51
1,2,3-Trichlorobenzene	ND	0.0095	1	10/06/2022 00:51
1,2,4-Trichlorobenzene	ND	0.0095	1	10/06/2022 00:51
1,1,1-Trichloroethane	ND	0.0095	1	10/06/2022 00:51
1,1,2-Trichloroethane	ND	0.0095	1	10/06/2022 00:51
Trichloroethene	ND	0.0095	1	10/06/2022 00:51
Trichlorofluoromethane	ND	0.0095	1	10/06/2022 00:51
1,2,3-Trichloropropane	ND	0.00048	1	10/06/2022 00:51
1,2,4-Trimethylbenzene	ND	0.0095	1	10/06/2022 00:51
1,3,5-Trimethylbenzene	ND	0.0095	1	10/06/2022 00:51
Vinyl Chloride	ND	0.00048	1	10/06/2022 00:51
m,p-Xylene	ND	0.0095	1	10/06/2022 00:51
o-Xylene	ND	0.0095	1	10/06/2022 00:51
Xylenes, Total	ND	0.0095	1	10/06/2022 00:51

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-02	2209F97-002A	Soil	09/26/2022 08:50	GC18 10052226.D	254753

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	102	70-140		10/06/2022 00:51
Toluene-d8	102	70-140		10/06/2022 00:51
4-BFB	92	70-140		10/06/2022 00:51
Benzene-d6	96	50-140		10/06/2022 00:51
Ethylbenzene-d10	101	50-140		10/06/2022 00:51
1,2-DCB-d4	77	40-140		10/06/2022 00:51

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-01	2209F97-003A	Soil	09/26/2022 09:50	GC16 10062215.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	3.4	10	10/06/2022 17:14
tert-Amyl methyl ether (TAME)	ND	0.084	10	10/06/2022 17:14
Benzene	ND	0.084	10	10/06/2022 17:14
Bromobenzene	ND	0.084	10	10/06/2022 17:14
Bromochloromethane	ND	0.084	10	10/06/2022 17:14
Bromodichloromethane	ND	0.017	10	10/06/2022 17:14
Bromoform	ND	0.084	10	10/06/2022 17:14
Bromomethane	ND	0.084	10	10/06/2022 17:14
2-Butanone (MEK)	ND	0.84	10	10/06/2022 17:14
t-Butyl alcohol (TBA)	ND	0.84	10	10/06/2022 17:14
n-Butyl benzene	**0.12**	0.084	10	10/06/2022 17:14
sec-Butyl benzene	**0.13**	0.084	10	10/06/2022 17:14
tert-Butyl benzene	ND	0.084	10	10/06/2022 17:14
Carbon Disulfide	ND	0.084	10	10/06/2022 17:14
Carbon Tetrachloride	ND	0.084	10	10/06/2022 17:14
Chlorobenzene	ND	0.084	10	10/06/2022 17:14
Chloroethane	ND	0.084	10	10/06/2022 17:14
Chloroform	ND	0.084	10	10/06/2022 17:14
Chloromethane	ND	0.084	10	10/06/2022 17:14
2-Chlorotoluene	ND	0.084	10	10/06/2022 17:14
4-Chlorotoluene	ND	0.084	10	10/06/2022 17:14
Dibromochloromethane	ND	0.084	10	10/06/2022 17:14
1,2-Dibromo-3-chloropropane	ND	0.0084	10	10/06/2022 17:14
1,2-Dibromoethane (EDB)	ND	0.0042	10	10/06/2022 17:14
Dibromomethane	ND	0.084	10	10/06/2022 17:14
1,2-Dichlorobenzene	ND	0.084	10	10/06/2022 17:14
1,3-Dichlorobenzene	ND	0.084	10	10/06/2022 17:14
1,4-Dichlorobenzene	ND	0.084	10	10/06/2022 17:14
Dichlorodifluoromethane	ND	0.084	10	10/06/2022 17:14
1,1-Dichloroethane	ND	0.084	10	10/06/2022 17:14
1,2-Dichloroethane (1,2-DCA)	ND	0.0042	10	10/06/2022 17:14
1,1-Dichloroethene	ND	0.084	10	10/06/2022 17:14
cis-1,2-Dichloroethene	ND	0.084	10	10/06/2022 17:14
trans-1,2-Dichloroethene	ND	0.084	10	10/06/2022 17:14
1,2-Dichloropropane	ND	0.084	10	10/06/2022 17:14
1,3-Dichloropropane	ND	0.084	10	10/06/2022 17:14
2,2-Dichloropropane	ND	0.084	10	10/06/2022 17:14

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-01	2209F97-003A	Soil	09/26/2022 09:50	GC16 10062215.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.084	10	10/06/2022 17:14
cis-1,3-Dichloropropene	ND	0.084	10	10/06/2022 17:14
trans-1,3-Dichloropropene	ND	0.084	10	10/06/2022 17:14
Diisopropyl ether (DIPE)	ND	0.084	10	10/06/2022 17:14
Ethylbenzene	ND	0.084	10	10/06/2022 17:14
Ethyl tert-butyl ether (ETBE)	ND	0.084	10	10/06/2022 17:14
Freon 113	ND	0.084	10	10/06/2022 17:14
Hexachlorobutadiene	ND	0.084	10	10/06/2022 17:14
Hexachloroethane	ND	0.084	10	10/06/2022 17:14
2-Hexanone	ND	0.084	10	10/06/2022 17:14
Isopropylbenzene	ND	0.084	10	10/06/2022 17:14
4-Isopropyl toluene	ND	0.084	10	10/06/2022 17:14
Methyl-t-butyl ether (MTBE)	ND	0.084	10	10/06/2022 17:14
Methylene chloride	ND	0.34	10	10/06/2022 17:14
4-Methyl-2-pentanone (MIBK)	ND	0.084	10	10/06/2022 17:14
Naphthalene	ND	0.084	10	10/06/2022 17:14
n-Propyl benzene	ND	0.084	10	10/06/2022 17:14
Styrene	ND	0.084	10	10/06/2022 17:14
1,1,1,2-Tetrachloroethane	ND	0.084	10	10/06/2022 17:14
1,1,2,2-Tetrachloroethane	ND	0.084	10	10/06/2022 17:14
Tetrachloroethene	ND	0.084	10	10/06/2022 17:14
Toluene	ND	0.084	10	10/06/2022 17:14
1,2,3-Trichlorobenzene	ND	0.084	10	10/06/2022 17:14
1,2,4-Trichlorobenzene	ND	0.084	10	10/06/2022 17:14
1,1,1-Trichloroethane	ND	0.084	10	10/06/2022 17:14
1,1,2-Trichloroethane	ND	0.084	10	10/06/2022 17:14
Trichloroethene	ND	0.084	10	10/06/2022 17:14
Trichlorofluoromethane	ND	0.084	10	10/06/2022 17:14
1,2,3-Trichloropropane	ND	0.0042	10	10/06/2022 17:14
1,2,4-Trimethylbenzene	ND	0.084	10	10/06/2022 17:14
1,3,5-Trimethylbenzene	ND	0.084	10	10/06/2022 17:14
Vinyl Chloride	ND	0.0042	10	10/06/2022 17:14
m,p-Xylene	ND	0.084	10	10/06/2022 17:14
o-Xylene	ND	0.084	10	10/06/2022 17:14
Xylenes, Total	ND	0.084	10	10/06/2022 17:14

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-01	2209F97-003A	Soil	09/26/2022 09:50	GC16 10062215.D	254753

Analytes	Result	RL	DF	Date Analyzed

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
Dibromofluoromethane	97		70-140	10/06/2022 17:14
Toluene-d8	90		70-140	10/06/2022 17:14
4-BFB	43	S	70-140	10/06/2022 17:14
Benzene-d6	87		50-140	10/06/2022 17:14
Ethylbenzene-d10	107		50-140	10/06/2022 17:14
1,2-DCB-d4	79		40-140	10/06/2022 17:14

Analyst(s): KF Analytical Comments: a9,c1

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-02	2209F97-004A	Soil	09/26/2022 09:50	GC18 10052227.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.45	1	10/06/2022 01:33
tert-Amyl methyl ether (TAME)	ND	0.011	1	10/06/2022 01:33
Benzene	ND	0.011	1	10/06/2022 01:33
Bromobenzene	ND	0.011	1	10/06/2022 01:33
Bromochloromethane	ND	0.011	1	10/06/2022 01:33
Bromodichloromethane	ND	0.0022	1	10/06/2022 01:33
Bromoform	ND	0.011	1	10/06/2022 01:33
Bromomethane	ND	0.011	1	10/06/2022 01:33
2-Butanone (MEK)	ND	0.11	1	10/06/2022 01:33
t-Butyl alcohol (TBA)	ND	0.11	1	10/06/2022 01:33
n-Butyl benzene	ND	0.011	1	10/06/2022 01:33
sec-Butyl benzene	ND	0.011	1	10/06/2022 01:33
tert-Butyl benzene	ND	0.011	1	10/06/2022 01:33
Carbon Disulfide	ND	0.011	1	10/06/2022 01:33
Carbon Tetrachloride	ND	0.011	1	10/06/2022 01:33
Chlorobenzene	ND	0.011	1	10/06/2022 01:33
Chloroethane	ND	0.011	1	10/06/2022 01:33
Chloroform	ND	0.011	1	10/06/2022 01:33
Chloromethane	ND	0.011	1	10/06/2022 01:33
2-Chlorotoluene	ND	0.011	1	10/06/2022 01:33
4-Chlorotoluene	ND	0.011	1	10/06/2022 01:33
Dibromochloromethane	ND	0.011	1	10/06/2022 01:33
1,2-Dibromo-3-chloropropane	ND	0.0011	1	10/06/2022 01:33
1,2-Dibromoethane (EDB)	ND	0.00056	1	10/06/2022 01:33
Dibromomethane	ND	0.011	1	10/06/2022 01:33
1,2-Dichlorobenzene	ND	0.011	1	10/06/2022 01:33
1,3-Dichlorobenzene	ND	0.011	1	10/06/2022 01:33
1,4-Dichlorobenzene	ND	0.011	1	10/06/2022 01:33
Dichlorodifluoromethane	ND	0.011	1	10/06/2022 01:33
1,1-Dichloroethane	ND	0.011	1	10/06/2022 01:33
1,2-Dichloroethane (1,2-DCA)	ND	0.00056	1	10/06/2022 01:33
1,1-Dichloroethene	ND	0.011	1	10/06/2022 01:33
cis-1,2-Dichloroethene	ND	0.011	1	10/06/2022 01:33
trans-1,2-Dichloroethene	ND	0.011	1	10/06/2022 01:33
1,2-Dichloropropane	ND	0.011	1	10/06/2022 01:33
1,3-Dichloropropane	ND	0.011	1	10/06/2022 01:33
2,2-Dichloropropane	ND	0.011	1	10/06/2022 01:33

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-02	2209F97-004A	Soil	09/26/2022 09:50	GC18 10052227.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.011	1	10/06/2022 01:33
cis-1,3-Dichloropropene	ND	0.011	1	10/06/2022 01:33
trans-1,3-Dichloropropene	ND	0.011	1	10/06/2022 01:33
Diisopropyl ether (DIPE)	ND	0.011	1	10/06/2022 01:33
Ethylbenzene	ND	0.011	1	10/06/2022 01:33
Ethyl tert-butyl ether (ETBE)	ND	0.011	1	10/06/2022 01:33
Freon 113	ND	0.011	1	10/06/2022 01:33
Hexachlorobutadiene	ND	0.011	1	10/06/2022 01:33
Hexachloroethane	ND	0.011	1	10/06/2022 01:33
2-Hexanone	ND	0.011	1	10/06/2022 01:33
Isopropylbenzene	ND	0.011	1	10/06/2022 01:33
4-Isopropyl toluene	ND	0.011	1	10/06/2022 01:33
Methyl-t-butyl ether (MTBE)	ND	0.011	1	10/06/2022 01:33
Methylene chloride	ND	0.045	1	10/06/2022 01:33
4-Methyl-2-pentanone (MIBK)	ND	0.011	1	10/06/2022 01:33
Naphthalene	ND	0.011	1	10/06/2022 01:33
n-Propyl benzene	ND	0.011	1	10/06/2022 01:33
Styrene	ND	0.011	1	10/06/2022 01:33
1,1,1,2-Tetrachloroethane	ND	0.011	1	10/06/2022 01:33
1,1,2,2-Tetrachloroethane	ND	0.011	1	10/06/2022 01:33
Tetrachloroethene	ND	0.011	1	10/06/2022 01:33
Toluene	ND	0.011	1	10/06/2022 01:33
1,2,3-Trichlorobenzene	ND	0.011	1	10/06/2022 01:33
1,2,4-Trichlorobenzene	ND	0.011	1	10/06/2022 01:33
1,1,1-Trichloroethane	ND	0.011	1	10/06/2022 01:33
1,1,2-Trichloroethane	ND	0.011	1	10/06/2022 01:33
Trichloroethene	ND	0.011	1	10/06/2022 01:33
Trichlorofluoromethane	ND	0.011	1	10/06/2022 01:33
1,2,3-Trichloropropane	ND	0.00056	1	10/06/2022 01:33
1,2,4-Trimethylbenzene	ND	0.011	1	10/06/2022 01:33
1,3,5-Trimethylbenzene	ND	0.011	1	10/06/2022 01:33
Vinyl Chloride	ND	0.00056	1	10/06/2022 01:33
m,p-Xylene	ND	0.011	1	10/06/2022 01:33
o-Xylene	ND	0.011	1	10/06/2022 01:33
Xylenes, Total	ND	0.011	1	10/06/2022 01:33

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-02	2209F97-004A	Soil	09/26/2022 09:50	GC18 10052227.D	254753

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	104	70-140		10/06/2022 01:33
Toluene-d8	102	70-140		10/06/2022 01:33
4-BFB	91	70-140		10/06/2022 01:33
Benzene-d6	97	50-140		10/06/2022 01:33
Ethylbenzene-d10	99	50-140		10/06/2022 01:33
1,2-DCB-d4	75	40-140		10/06/2022 01:33

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-01	2209F97-005A	Soil	09/26/2022 11:05	GC18 10072208.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	14	40	10/07/2022 12:20
tert-Amyl methyl ether (TAME)	ND	0.34	40	10/07/2022 12:20
Benzene	ND	0.34	40	10/07/2022 12:20
Bromobenzene	ND	0.34	40	10/07/2022 12:20
Bromochloromethane	ND	0.34	40	10/07/2022 12:20
Bromodichloromethane	ND	0.068	40	10/07/2022 12:20
Bromoform	ND	0.34	40	10/07/2022 12:20
Bromomethane	ND	0.34	40	10/07/2022 12:20
2-Butanone (MEK)	ND	3.4	40	10/07/2022 12:20
t-Butyl alcohol (TBA)	ND	3.4	40	10/07/2022 12:20
n-Butyl benzene	**3.3**	0.34	40	10/07/2022 12:20
sec-Butyl benzene	**0.76**	0.34	40	10/07/2022 12:20
tert-Butyl benzene	ND	0.34	40	10/07/2022 12:20
Carbon Disulfide	ND	0.34	40	10/07/2022 12:20
Carbon Tetrachloride	ND	0.34	40	10/07/2022 12:20
Chlorobenzene	ND	0.34	40	10/07/2022 12:20
Chloroethane	ND	0.34	40	10/07/2022 12:20
Chloroform	ND	0.34	40	10/07/2022 12:20
Chloromethane	ND	0.34	40	10/07/2022 12:20
2-Chlorotoluene	ND	0.34	40	10/07/2022 12:20
4-Chlorotoluene	ND	0.34	40	10/07/2022 12:20
Dibromochloromethane	ND	0.34	40	10/07/2022 12:20
1,2-Dibromo-3-chloropropane	ND	0.034	40	10/07/2022 12:20
1,2-Dibromoethane (EDB)	ND	0.017	40	10/07/2022 12:20
Dibromomethane	ND	0.34	40	10/07/2022 12:20
1,2-Dichlorobenzene	ND	0.34	40	10/07/2022 12:20
1,3-Dichlorobenzene	ND	0.34	40	10/07/2022 12:20
1,4-Dichlorobenzene	ND	0.34	40	10/07/2022 12:20
Dichlorodifluoromethane	ND	0.34	40	10/07/2022 12:20
1,1-Dichloroethane	ND	0.34	40	10/07/2022 12:20
1,2-Dichloroethane (1,2-DCA)	ND	0.017	40	10/07/2022 12:20
1,1-Dichloroethene	ND	0.34	40	10/07/2022 12:20
cis-1,2-Dichloroethene	ND	0.34	40	10/07/2022 12:20
trans-1,2-Dichloroethene	ND	0.34	40	10/07/2022 12:20
1,2-Dichloropropane	ND	0.34	40	10/07/2022 12:20
1,3-Dichloropropane	ND	0.34	40	10/07/2022 12:20
2,2-Dichloropropane	ND	0.34	40	10/07/2022 12:20

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-01	2209F97-005A	Soil	09/26/2022 11:05	GC18 10072208.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.34	40	10/07/2022 12:20
cis-1,3-Dichloropropene	ND	0.34	40	10/07/2022 12:20
trans-1,3-Dichloropropene	ND	0.34	40	10/07/2022 12:20
Diisopropyl ether (DIPE)	ND	0.34	40	10/07/2022 12:20
Ethylbenzene	ND	0.34	40	10/07/2022 12:20
Ethyl tert-butyl ether (ETBE)	ND	0.34	40	10/07/2022 12:20
Freon 113	ND	0.34	40	10/07/2022 12:20
Hexachlorobutadiene	ND	0.34	40	10/07/2022 12:20
Hexachloroethane	ND	0.34	40	10/07/2022 12:20
2-Hexanone	ND	0.34	40	10/07/2022 12:20
Isopropylbenzene	**0.74**	0.34	40	10/07/2022 12:20
4-Isopropyl toluene	**0.35**	0.34	40	10/07/2022 12:20
Methyl-t-butyl ether (MTBE)	ND	0.34	40	10/07/2022 12:20
Methylene chloride	ND	1.4	40	10/07/2022 12:20
4-Methyl-2-pentanone (MIBK)	ND	0.34	40	10/07/2022 12:20
Naphthalene	ND	0.34	40	10/07/2022 12:20
n-Propyl benzene	**3.5**	0.34	40	10/07/2022 12:20
Styrene	ND	0.34	40	10/07/2022 12:20
1,1,1,2-Tetrachloroethane	ND	0.34	40	10/07/2022 12:20
1,1,2,2-Tetrachloroethane	ND	0.34	40	10/07/2022 12:20
Tetrachloroethene	ND	0.34	40	10/07/2022 12:20
Toluene	ND	0.34	40	10/07/2022 12:20
1,2,3-Trichlorobenzene	ND	0.34	40	10/07/2022 12:20
1,2,4-Trichlorobenzene	ND	0.34	40	10/07/2022 12:20
1,1,1-Trichloroethane	ND	0.34	40	10/07/2022 12:20
1,1,2-Trichloroethane	ND	0.34	40	10/07/2022 12:20
Trichloroethene	ND	0.34	40	10/07/2022 12:20
Trichlorofluoromethane	ND	0.34	40	10/07/2022 12:20
1,2,3-Trichloropropane	ND	0.017	40	10/07/2022 12:20
1,2,4-Trimethylbenzene	ND	0.34	40	10/07/2022 12:20
1,3,5-Trimethylbenzene	ND	0.34	40	10/07/2022 12:20
Vinyl Chloride	ND	0.017	40	10/07/2022 12:20
m,p-Xylene	ND	0.34	40	10/07/2022 12:20
o-Xylene	ND	0.34	40	10/07/2022 12:20
Xylenes, Total	ND	0.34	40	10/07/2022 12:20

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-01	**2209F97-005A**	**Soil**	**09/26/2022 11:05**	**GC18 10072208.D**	**254753**

Analytes	Result	RL	DF	Date Analyzed

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
Dibromofluoromethane	104		70-140	10/07/2022 12:20
Toluene-d8	94		70-140	10/07/2022 12:20
4-BFB	74		70-140	10/07/2022 12:20
Benzene-d6	91		50-140	10/07/2022 12:20
Ethylbenzene-d10	166	S	50-140	10/07/2022 12:20
1,2-DCB-d4	104		40-140	10/07/2022 12:20

Analyst(s): KF Analytical Comments: a9,c1

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-02	2209F97-006A	Soil	09/26/2022 11:05	GC18 10052228.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.34	1	10/06/2022 02:14
tert-Amyl methyl ether (TAME)	ND	0.0086	1	10/06/2022 02:14
Benzene	ND	0.0086	1	10/06/2022 02:14
Bromobenzene	ND	0.0086	1	10/06/2022 02:14
Bromochloromethane	ND	0.0086	1	10/06/2022 02:14
Bromodichloromethane	ND	0.0017	1	10/06/2022 02:14
Bromoform	ND	0.0086	1	10/06/2022 02:14
Bromomethane	ND	0.0086	1	10/06/2022 02:14
2-Butanone (MEK)	ND	0.086	1	10/06/2022 02:14
t-Butyl alcohol (TBA)	ND	0.086	1	10/06/2022 02:14
n-Butyl benzene	ND	0.0086	1	10/06/2022 02:14
sec-Butyl benzene	ND	0.0086	1	10/06/2022 02:14
tert-Butyl benzene	ND	0.0086	1	10/06/2022 02:14
Carbon Disulfide	ND	0.0086	1	10/06/2022 02:14
Carbon Tetrachloride	ND	0.0086	1	10/06/2022 02:14
Chlorobenzene	ND	0.0086	1	10/06/2022 02:14
Chloroethane	ND	0.0086	1	10/06/2022 02:14
Chloroform	ND	0.0086	1	10/06/2022 02:14
Chloromethane	ND	0.0086	1	10/06/2022 02:14
2-Chlorotoluene	ND	0.0086	1	10/06/2022 02:14
4-Chlorotoluene	ND	0.0086	1	10/06/2022 02:14
Dibromochloromethane	ND	0.0086	1	10/06/2022 02:14
1,2-Dibromo-3-chloropropane	ND	0.00086	1	10/06/2022 02:14
1,2-Dibromoethane (EDB)	ND	0.00043	1	10/06/2022 02:14
Dibromomethane	ND	0.0086	1	10/06/2022 02:14
1,2-Dichlorobenzene	ND	0.0086	1	10/06/2022 02:14
1,3-Dichlorobenzene	ND	0.0086	1	10/06/2022 02:14
1,4-Dichlorobenzene	ND	0.0086	1	10/06/2022 02:14
Dichlorodifluoromethane	ND	0.0086	1	10/06/2022 02:14
1,1-Dichloroethane	ND	0.0086	1	10/06/2022 02:14
1,2-Dichloroethane (1,2-DCA)	ND	0.00043	1	10/06/2022 02:14
1,1-Dichloroethene	ND	0.0086	1	10/06/2022 02:14
cis-1,2-Dichloroethene	ND	0.0086	1	10/06/2022 02:14
trans-1,2-Dichloroethene	ND	0.0086	1	10/06/2022 02:14
1,2-Dichloropropane	ND	0.0086	1	10/06/2022 02:14
1,3-Dichloropropane	ND	0.0086	1	10/06/2022 02:14
2,2-Dichloropropane	ND	0.0086	1	10/06/2022 02:14

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-02	2209F97-006A	Soil	09/26/2022 11:05	GC18 10052228.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0086	1	10/06/2022 02:14
cis-1,3-Dichloropropene	ND	0.0086	1	10/06/2022 02:14
trans-1,3-Dichloropropene	ND	0.0086	1	10/06/2022 02:14
Diisopropyl ether (DIPE)	ND	0.0086	1	10/06/2022 02:14
Ethylbenzene	ND	0.0086	1	10/06/2022 02:14
Ethyl tert-butyl ether (ETBE)	ND	0.0086	1	10/06/2022 02:14
Freon 113	ND	0.0086	1	10/06/2022 02:14
Hexachlorobutadiene	ND	0.0086	1	10/06/2022 02:14
Hexachloroethane	ND	0.0086	1	10/06/2022 02:14
2-Hexanone	ND	0.0086	1	10/06/2022 02:14
Isopropylbenzene	ND	0.0086	1	10/06/2022 02:14
4-Isopropyl toluene	ND	0.0086	1	10/06/2022 02:14
Methyl-t-butyl ether (MTBE)	ND	0.0086	1	10/06/2022 02:14
Methylene chloride	ND	0.034	1	10/06/2022 02:14
4-Methyl-2-pentanone (MIBK)	ND	0.0086	1	10/06/2022 02:14
Naphthalene	ND	0.0086	1	10/06/2022 02:14
n-Propyl benzene	ND	0.0086	1	10/06/2022 02:14
Styrene	ND	0.0086	1	10/06/2022 02:14
1,1,1,2-Tetrachloroethane	ND	0.0086	1	10/06/2022 02:14
1,1,2,2-Tetrachloroethane	ND	0.0086	1	10/06/2022 02:14
Tetrachloroethene	ND	0.0086	1	10/06/2022 02:14
Toluene	ND	0.0086	1	10/06/2022 02:14
1,2,3-Trichlorobenzene	ND	0.0086	1	10/06/2022 02:14
1,2,4-Trichlorobenzene	ND	0.0086	1	10/06/2022 02:14
1,1,1-Trichloroethane	ND	0.0086	1	10/06/2022 02:14
1,1,2-Trichloroethane	ND	0.0086	1	10/06/2022 02:14
Trichloroethene	ND	0.0086	1	10/06/2022 02:14
Trichlorofluoromethane	ND	0.0086	1	10/06/2022 02:14
1,2,3-Trichloropropane	ND	0.00043	1	10/06/2022 02:14
1,2,4-Trimethylbenzene	ND	0.0086	1	10/06/2022 02:14
1,3,5-Trimethylbenzene	ND	0.0086	1	10/06/2022 02:14
Vinyl Chloride	ND	0.00043	1	10/06/2022 02:14
m,p-Xylene	ND	0.0086	1	10/06/2022 02:14
o-Xylene	ND	0.0086	1	10/06/2022 02:14
Xylenes, Total	ND	0.0086	1	10/06/2022 02:14

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-02	**2209F97-006A**	**Soil**	**09/26/2022 11:05**	**GC18 10052228.D**	**254753**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	102	70-140		10/06/2022 02:14
Toluene-d8	104	70-140		10/06/2022 02:14
4-BFB	94	70-140		10/06/2022 02:14
Benzene-d6	96	50-140		10/06/2022 02:14
Ethylbenzene-d10	102	50-140		10/06/2022 02:14
1,2-DCB-d4	77	40-140		10/06/2022 02:14

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-01	2209F97-007A	Soil	09/26/2022 10:20	GC18 10052229.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.35	1	10/06/2022 02:55
tert-Amyl methyl ether (TAME)	ND	0.0088	1	10/06/2022 02:55
Benzene	ND	0.0088	1	10/06/2022 02:55
Bromobenzene	ND	0.0088	1	10/06/2022 02:55
Bromochloromethane	ND	0.0088	1	10/06/2022 02:55
Bromodichloromethane	ND	0.0018	1	10/06/2022 02:55
Bromoform	ND	0.0088	1	10/06/2022 02:55
Bromomethane	ND	0.0088	1	10/06/2022 02:55
2-Butanone (MEK)	ND	0.088	1	10/06/2022 02:55
t-Butyl alcohol (TBA)	ND	0.088	1	10/06/2022 02:55
n-Butyl benzene	ND	0.0088	1	10/06/2022 02:55
sec-Butyl benzene	ND	0.0088	1	10/06/2022 02:55
tert-Butyl benzene	ND	0.0088	1	10/06/2022 02:55
Carbon Disulfide	ND	0.0088	1	10/06/2022 02:55
Carbon Tetrachloride	ND	0.0088	1	10/06/2022 02:55
Chlorobenzene	ND	0.0088	1	10/06/2022 02:55
Chloroethane	ND	0.0088	1	10/06/2022 02:55
Chloroform	ND	0.0088	1	10/06/2022 02:55
Chloromethane	ND	0.0088	1	10/06/2022 02:55
2-Chlorotoluene	ND	0.0088	1	10/06/2022 02:55
4-Chlorotoluene	ND	0.0088	1	10/06/2022 02:55
Dibromochloromethane	ND	0.0088	1	10/06/2022 02:55
1,2-Dibromo-3-chloropropane	ND	0.00088	1	10/06/2022 02:55
1,2-Dibromoethane (EDB)	ND	0.00044	1	10/06/2022 02:55
Dibromomethane	ND	0.0088	1	10/06/2022 02:55
1,2-Dichlorobenzene	ND	0.0088	1	10/06/2022 02:55
1,3-Dichlorobenzene	ND	0.0088	1	10/06/2022 02:55
1,4-Dichlorobenzene	ND	0.0088	1	10/06/2022 02:55
Dichlorodifluoromethane	ND	0.0088	1	10/06/2022 02:55
1,1-Dichloroethane	ND	0.0088	1	10/06/2022 02:55
1,2-Dichloroethane (1,2-DCA)	ND	0.00044	1	10/06/2022 02:55
1,1-Dichloroethene	ND	0.0088	1	10/06/2022 02:55
cis-1,2-Dichloroethene	ND	0.0088	1	10/06/2022 02:55
trans-1,2-Dichloroethene	ND	0.0088	1	10/06/2022 02:55
1,2-Dichloropropane	ND	0.0088	1	10/06/2022 02:55
1,3-Dichloropropane	ND	0.0088	1	10/06/2022 02:55
2,2-Dichloropropane	ND	0.0088	1	10/06/2022 02:55

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-01	2209F97-007A	Soil	09/26/2022 10:20	GC18 10052229.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0088	1	10/06/2022 02:55
cis-1,3-Dichloropropene	ND	0.0088	1	10/06/2022 02:55
trans-1,3-Dichloropropene	ND	0.0088	1	10/06/2022 02:55
Diisopropyl ether (DIPE)	ND	0.0088	1	10/06/2022 02:55
Ethylbenzene	ND	0.0088	1	10/06/2022 02:55
Ethyl tert-butyl ether (ETBE)	ND	0.0088	1	10/06/2022 02:55
Freon 113	ND	0.0088	1	10/06/2022 02:55
Hexachlorobutadiene	ND	0.0088	1	10/06/2022 02:55
Hexachloroethane	ND	0.0088	1	10/06/2022 02:55
2-Hexanone	ND	0.0088	1	10/06/2022 02:55
Isopropylbenzene	ND	0.0088	1	10/06/2022 02:55
4-Isopropyl toluene	ND	0.0088	1	10/06/2022 02:55
Methyl-t-butyl ether (MTBE)	ND	0.0088	1	10/06/2022 02:55
Methylene chloride	ND	0.035	1	10/06/2022 02:55
4-Methyl-2-pentanone (MIBK)	ND	0.0088	1	10/06/2022 02:55
Naphthalene	ND	0.0088	1	10/06/2022 02:55
n-Propyl benzene	ND	0.0088	1	10/06/2022 02:55
Styrene	ND	0.0088	1	10/06/2022 02:55
1,1,1,2-Tetrachloroethane	ND	0.0088	1	10/06/2022 02:55
1,1,2,2-Tetrachloroethane	ND	0.0088	1	10/06/2022 02:55
Tetrachloroethene	ND	0.0088	1	10/06/2022 02:55
Toluene	ND	0.0088	1	10/06/2022 02:55
1,2,3-Trichlorobenzene	ND	0.0088	1	10/06/2022 02:55
1,2,4-Trichlorobenzene	ND	0.0088	1	10/06/2022 02:55
1,1,1-Trichloroethane	ND	0.0088	1	10/06/2022 02:55
1,1,2-Trichloroethane	ND	0.0088	1	10/06/2022 02:55
Trichloroethene	ND	0.0088	1	10/06/2022 02:55
Trichlorofluoromethane	ND	0.0088	1	10/06/2022 02:55
1,2,3-Trichloropropane	ND	0.00044	1	10/06/2022 02:55
1,2,4-Trimethylbenzene	ND	0.0088	1	10/06/2022 02:55
1,3,5-Trimethylbenzene	ND	0.0088	1	10/06/2022 02:55
Vinyl Chloride	ND	0.00044	1	10/06/2022 02:55
m,p-Xylene	ND	0.0088	1	10/06/2022 02:55
o-Xylene	ND	0.0088	1	10/06/2022 02:55
Xylenes, Total	ND	0.0088	1	10/06/2022 02:55

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-01	2209F97-007A	Soil	09/26/2022 10:20	GC18 10052229.D	254753

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	102	70-140		10/06/2022 02:55
Toluene-d8	101	70-140		10/06/2022 02:55
4-BFB	92	70-140		10/06/2022 02:55
Benzene-d6	90	50-140		10/06/2022 02:55
Ethylbenzene-d10	93	50-140		10/06/2022 02:55
1,2-DCB-d4	73	40-140		10/06/2022 02:55

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-02	2209F97-008A	Soil	09/26/2022 10:20	GC18 10052230.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.35	1	10/06/2022 03:37
tert-Amyl methyl ether (TAME)	ND	0.0087	1	10/06/2022 03:37
Benzene	ND	0.0087	1	10/06/2022 03:37
Bromobenzene	ND	0.0087	1	10/06/2022 03:37
Bromochloromethane	ND	0.0087	1	10/06/2022 03:37
Bromodichloromethane	ND	0.0017	1	10/06/2022 03:37
Bromoform	ND	0.0087	1	10/06/2022 03:37
Bromomethane	ND	0.0087	1	10/06/2022 03:37
2-Butanone (MEK)	ND	0.087	1	10/06/2022 03:37
t-Butyl alcohol (TBA)	ND	0.087	1	10/06/2022 03:37
n-Butyl benzene	ND	0.0087	1	10/06/2022 03:37
sec-Butyl benzene	ND	0.0087	1	10/06/2022 03:37
tert-Butyl benzene	ND	0.0087	1	10/06/2022 03:37
Carbon Disulfide	ND	0.0087	1	10/06/2022 03:37
Carbon Tetrachloride	ND	0.0087	1	10/06/2022 03:37
Chlorobenzene	ND	0.0087	1	10/06/2022 03:37
Chloroethane	ND	0.0087	1	10/06/2022 03:37
Chloroform	ND	0.0087	1	10/06/2022 03:37
Chloromethane	ND	0.0087	1	10/06/2022 03:37
2-Chlorotoluene	ND	0.0087	1	10/06/2022 03:37
4-Chlorotoluene	ND	0.0087	1	10/06/2022 03:37
Dibromochloromethane	ND	0.0087	1	10/06/2022 03:37
1,2-Dibromo-3-chloropropane	ND	0.00087	1	10/06/2022 03:37
1,2-Dibromoethane (EDB)	ND	0.00043	1	10/06/2022 03:37
Dibromomethane	ND	0.0087	1	10/06/2022 03:37
1,2-Dichlorobenzene	ND	0.0087	1	10/06/2022 03:37
1,3-Dichlorobenzene	ND	0.0087	1	10/06/2022 03:37
1,4-Dichlorobenzene	ND	0.0087	1	10/06/2022 03:37
Dichlorodifluoromethane	ND	0.0087	1	10/06/2022 03:37
1,1-Dichloroethane	ND	0.0087	1	10/06/2022 03:37
1,2-Dichloroethane (1,2-DCA)	ND	0.00043	1	10/06/2022 03:37
1,1-Dichloroethene	ND	0.0087	1	10/06/2022 03:37
cis-1,2-Dichloroethene	ND	0.0087	1	10/06/2022 03:37
trans-1,2-Dichloroethene	ND	0.0087	1	10/06/2022 03:37
1,2-Dichloropropane	ND	0.0087	1	10/06/2022 03:37
1,3-Dichloropropane	ND	0.0087	1	10/06/2022 03:37
2,2-Dichloropropane	ND	0.0087	1	10/06/2022 03:37

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-02	2209F97-008A	Soil	09/26/2022 10:20	GC18 10052230.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0087	1	10/06/2022 03:37
cis-1,3-Dichloropropene	ND	0.0087	1	10/06/2022 03:37
trans-1,3-Dichloropropene	ND	0.0087	1	10/06/2022 03:37
Diisopropyl ether (DIPE)	ND	0.0087	1	10/06/2022 03:37
Ethylbenzene	ND	0.0087	1	10/06/2022 03:37
Ethyl tert-butyl ether (ETBE)	ND	0.0087	1	10/06/2022 03:37
Freon 113	ND	0.0087	1	10/06/2022 03:37
Hexachlorobutadiene	ND	0.0087	1	10/06/2022 03:37
Hexachloroethane	ND	0.0087	1	10/06/2022 03:37
2-Hexanone	ND	0.0087	1	10/06/2022 03:37
Isopropylbenzene	ND	0.0087	1	10/06/2022 03:37
4-Isopropyl toluene	ND	0.0087	1	10/06/2022 03:37
Methyl-t-butyl ether (MTBE)	ND	0.0087	1	10/06/2022 03:37
Methylene chloride	ND	0.035	1	10/06/2022 03:37
4-Methyl-2-pentanone (MIBK)	ND	0.0087	1	10/06/2022 03:37
Naphthalene	ND	0.0087	1	10/06/2022 03:37
n-Propyl benzene	ND	0.0087	1	10/06/2022 03:37
Styrene	ND	0.0087	1	10/06/2022 03:37
1,1,1,2-Tetrachloroethane	ND	0.0087	1	10/06/2022 03:37
1,1,2,2-Tetrachloroethane	ND	0.0087	1	10/06/2022 03:37
Tetrachloroethene	ND	0.0087	1	10/06/2022 03:37
Toluene	ND	0.0087	1	10/06/2022 03:37
1,2,3-Trichlorobenzene	ND	0.0087	1	10/06/2022 03:37
1,2,4-Trichlorobenzene	ND	0.0087	1	10/06/2022 03:37
1,1,1-Trichloroethane	ND	0.0087	1	10/06/2022 03:37
1,1,2-Trichloroethane	ND	0.0087	1	10/06/2022 03:37
Trichloroethene	ND	0.0087	1	10/06/2022 03:37
Trichlorofluoromethane	ND	0.0087	1	10/06/2022 03:37
1,2,3-Trichloropropane	ND	0.00043	1	10/06/2022 03:37
1,2,4-Trimethylbenzene	ND	0.0087	1	10/06/2022 03:37
1,3,5-Trimethylbenzene	ND	0.0087	1	10/06/2022 03:37
Vinyl Chloride	ND	0.00043	1	10/06/2022 03:37
m,p-Xylene	ND	0.0087	1	10/06/2022 03:37
o-Xylene	ND	0.0087	1	10/06/2022 03:37
Xylenes, Total	ND	0.0087	1	10/06/2022 03:37

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-02	2209F97-008A	Soil	09/26/2022 10:20	GC18 10052230.D	254753

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	102	70-140		10/06/2022 03:37
Toluene-d8	102	70-140		10/06/2022 03:37
4-BFB	91	70-140		10/06/2022 03:37
Benzene-d6	95	50-140		10/06/2022 03:37
Ethylbenzene-d10	98	50-140		10/06/2022 03:37
1,2-DCB-d4	74	40-140		10/06/2022 03:37

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-01	2209F97-009A	Soil	09/26/2022 10:45	GC18 10052231.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.32	1	10/06/2022 04:18
tert-Amyl methyl ether (TAME)	ND	0.0081	1	10/06/2022 04:18
Benzene	ND	0.0081	1	10/06/2022 04:18
Bromobenzene	ND	0.0081	1	10/06/2022 04:18
Bromochloromethane	ND	0.0081	1	10/06/2022 04:18
Bromodichloromethane	ND	0.0016	1	10/06/2022 04:18
Bromoform	ND	0.0081	1	10/06/2022 04:18
Bromomethane	ND	0.0081	1	10/06/2022 04:18
2-Butanone (MEK)	ND	0.081	1	10/06/2022 04:18
t-Butyl alcohol (TBA)	ND	0.081	1	10/06/2022 04:18
n-Butyl benzene	ND	0.0081	1	10/06/2022 04:18
sec-Butyl benzene	ND	0.0081	1	10/06/2022 04:18
tert-Butyl benzene	ND	0.0081	1	10/06/2022 04:18
Carbon Disulfide	ND	0.0081	1	10/06/2022 04:18
Carbon Tetrachloride	ND	0.0081	1	10/06/2022 04:18
Chlorobenzene	ND	0.0081	1	10/06/2022 04:18
Chloroethane	ND	0.0081	1	10/06/2022 04:18
Chloroform	ND	0.0081	1	10/06/2022 04:18
Chloromethane	ND	0.0081	1	10/06/2022 04:18
2-Chlorotoluene	ND	0.0081	1	10/06/2022 04:18
4-Chlorotoluene	ND	0.0081	1	10/06/2022 04:18
Dibromochloromethane	ND	0.0081	1	10/06/2022 04:18
1,2-Dibromo-3-chloropropane	ND	0.00081	1	10/06/2022 04:18
1,2-Dibromoethane (EDB)	ND	0.00040	1	10/06/2022 04:18
Dibromomethane	ND	0.0081	1	10/06/2022 04:18
1,2-Dichlorobenzene	ND	0.0081	1	10/06/2022 04:18
1,3-Dichlorobenzene	ND	0.0081	1	10/06/2022 04:18
1,4-Dichlorobenzene	ND	0.0081	1	10/06/2022 04:18
Dichlorodifluoromethane	ND	0.0081	1	10/06/2022 04:18
1,1-Dichloroethane	ND	0.0081	1	10/06/2022 04:18
1,2-Dichloroethane (1,2-DCA)	ND	0.00040	1	10/06/2022 04:18
1,1-Dichloroethene	ND	0.0081	1	10/06/2022 04:18
cis-1,2-Dichloroethene	ND	0.0081	1	10/06/2022 04:18
trans-1,2-Dichloroethene	ND	0.0081	1	10/06/2022 04:18
1,2-Dichloropropane	ND	0.0081	1	10/06/2022 04:18
1,3-Dichloropropane	ND	0.0081	1	10/06/2022 04:18
2,2-Dichloropropane	ND	0.0081	1	10/06/2022 04:18

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-01	2209F97-009A	Soil	09/26/2022 10:45	GC18 10052231.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0081	1	10/06/2022 04:18
cis-1,3-Dichloropropene	ND	0.0081	1	10/06/2022 04:18
trans-1,3-Dichloropropene	ND	0.0081	1	10/06/2022 04:18
Diisopropyl ether (DIPE)	ND	0.0081	1	10/06/2022 04:18
Ethylbenzene	ND	0.0081	1	10/06/2022 04:18
Ethyl tert-butyl ether (ETBE)	ND	0.0081	1	10/06/2022 04:18
Freon 113	ND	0.0081	1	10/06/2022 04:18
Hexachlorobutadiene	ND	0.0081	1	10/06/2022 04:18
Hexachloroethane	ND	0.0081	1	10/06/2022 04:18
2-Hexanone	ND	0.0081	1	10/06/2022 04:18
Isopropylbenzene	ND	0.0081	1	10/06/2022 04:18
4-Isopropyl toluene	ND	0.0081	1	10/06/2022 04:18
Methyl-t-butyl ether (MTBE)	ND	0.0081	1	10/06/2022 04:18
Methylene chloride	ND	0.032	1	10/06/2022 04:18
4-Methyl-2-pentanone (MIBK)	ND	0.0081	1	10/06/2022 04:18
Naphthalene	ND	0.0081	1	10/06/2022 04:18
n-Propyl benzene	ND	0.0081	1	10/06/2022 04:18
Styrene	ND	0.0081	1	10/06/2022 04:18
1,1,1,2-Tetrachloroethane	ND	0.0081	1	10/06/2022 04:18
1,1,2,2-Tetrachloroethane	ND	0.0081	1	10/06/2022 04:18
Tetrachloroethene	ND	0.0081	1	10/06/2022 04:18
Toluene	ND	0.0081	1	10/06/2022 04:18
1,2,3-Trichlorobenzene	ND	0.0081	1	10/06/2022 04:18
1,2,4-Trichlorobenzene	ND	0.0081	1	10/06/2022 04:18
1,1,1-Trichloroethane	ND	0.0081	1	10/06/2022 04:18
1,1,2-Trichloroethane	ND	0.0081	1	10/06/2022 04:18
Trichloroethene	ND	0.0081	1	10/06/2022 04:18
Trichlorofluoromethane	ND	0.0081	1	10/06/2022 04:18
1,2,3-Trichloropropane	ND	0.00040	1	10/06/2022 04:18
1,2,4-Trimethylbenzene	ND	0.0081	1	10/06/2022 04:18
1,3,5-Trimethylbenzene	ND	0.0081	1	10/06/2022 04:18
Vinyl Chloride	ND	0.00040	1	10/06/2022 04:18
m,p-Xylene	ND	0.0081	1	10/06/2022 04:18
o-Xylene	ND	0.0081	1	10/06/2022 04:18
Xylenes, Total	ND	0.0081	1	10/06/2022 04:18

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-01	2209F97-009A	Soil	09/26/2022 10:45	GC18 10052231.D	254753

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	102	70-140		10/06/2022 04:18
Toluene-d8	102	70-140		10/06/2022 04:18
4-BFB	92	70-140		10/06/2022 04:18
Benzene-d6	91	50-140		10/06/2022 04:18
Ethylbenzene-d10	95	50-140		10/06/2022 04:18
1,2-DCB-d4	76	40-140		10/06/2022 04:18

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-02	2209F97-010A	Soil	09/26/2022 10:45	GC18 10052232.D	254753

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.32	1	10/06/2022 04:59
tert-Amyl methyl ether (TAME)	ND	0.0081	1	10/06/2022 04:59
Benzene	ND	0.0081	1	10/06/2022 04:59
Bromobenzene	ND	0.0081	1	10/06/2022 04:59
Bromochloromethane	ND	0.0081	1	10/06/2022 04:59
Bromodichloromethane	ND	0.0016	1	10/06/2022 04:59
Bromoform	ND	0.0081	1	10/06/2022 04:59
Bromomethane	ND	0.0081	1	10/06/2022 04:59
2-Butanone (MEK)	ND	0.081	1	10/06/2022 04:59
t-Butyl alcohol (TBA)	ND	0.081	1	10/06/2022 04:59
n-Butyl benzene	ND	0.0081	1	10/06/2022 04:59
sec-Butyl benzene	ND	0.0081	1	10/06/2022 04:59
tert-Butyl benzene	ND	0.0081	1	10/06/2022 04:59
Carbon Disulfide	ND	0.0081	1	10/06/2022 04:59
Carbon Tetrachloride	ND	0.0081	1	10/06/2022 04:59
Chlorobenzene	ND	0.0081	1	10/06/2022 04:59
Chloroethane	ND	0.0081	1	10/06/2022 04:59
Chloroform	ND	0.0081	1	10/06/2022 04:59
Chloromethane	ND	0.0081	1	10/06/2022 04:59
2-Chlorotoluene	ND	0.0081	1	10/06/2022 04:59
4-Chlorotoluene	ND	0.0081	1	10/06/2022 04:59
Dibromochloromethane	ND	0.0081	1	10/06/2022 04:59
1,2-Dibromo-3-chloropropane	ND	0.00081	1	10/06/2022 04:59
1,2-Dibromoethane (EDB)	ND	0.00040	1	10/06/2022 04:59
Dibromomethane	ND	0.0081	1	10/06/2022 04:59
1,2-Dichlorobenzene	ND	0.0081	1	10/06/2022 04:59
1,3-Dichlorobenzene	ND	0.0081	1	10/06/2022 04:59
1,4-Dichlorobenzene	ND	0.0081	1	10/06/2022 04:59
Dichlorodifluoromethane	ND	0.0081	1	10/06/2022 04:59
1,1-Dichloroethane	ND	0.0081	1	10/06/2022 04:59
1,2-Dichloroethane (1,2-DCA)	ND	0.00040	1	10/06/2022 04:59
1,1-Dichloroethene	ND	0.0081	1	10/06/2022 04:59
cis-1,2-Dichloroethene	ND	0.0081	1	10/06/2022 04:59
trans-1,2-Dichloroethene	ND	0.0081	1	10/06/2022 04:59
1,2-Dichloropropane	ND	0.0081	1	10/06/2022 04:59
1,3-Dichloropropane	ND	0.0081	1	10/06/2022 04:59
2,2-Dichloropropane	ND	0.0081	1	10/06/2022 04:59

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-02	2209F97-010A	Soil	09/26/2022 10:45	GC18 10052232.D	254753

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0081	1	10/06/2022 04:59
cis-1,3-Dichloropropene	ND	0.0081	1	10/06/2022 04:59
trans-1,3-Dichloropropene	ND	0.0081	1	10/06/2022 04:59
Diisopropyl ether (DIPE)	ND	0.0081	1	10/06/2022 04:59
Ethylbenzene	ND	0.0081	1	10/06/2022 04:59
Ethyl tert-butyl ether (ETBE)	ND	0.0081	1	10/06/2022 04:59
Freon 113	ND	0.0081	1	10/06/2022 04:59
Hexachlorobutadiene	ND	0.0081	1	10/06/2022 04:59
Hexachloroethane	ND	0.0081	1	10/06/2022 04:59
2-Hexanone	ND	0.0081	1	10/06/2022 04:59
Isopropylbenzene	ND	0.0081	1	10/06/2022 04:59
4-Isopropyl toluene	ND	0.0081	1	10/06/2022 04:59
Methyl-t-butyl ether (MTBE)	ND	0.0081	1	10/06/2022 04:59
Methylene chloride	ND	0.032	1	10/06/2022 04:59
4-Methyl-2-pentanone (MIBK)	ND	0.0081	1	10/06/2022 04:59
Naphthalene	ND	0.0081	1	10/06/2022 04:59
n-Propyl benzene	ND	0.0081	1	10/06/2022 04:59
Styrene	ND	0.0081	1	10/06/2022 04:59
1,1,1,2-Tetrachloroethane	ND	0.0081	1	10/06/2022 04:59
1,1,2,2-Tetrachloroethane	ND	0.0081	1	10/06/2022 04:59
Tetrachloroethene	ND	0.0081	1	10/06/2022 04:59
Toluene	ND	0.0081	1	10/06/2022 04:59
1,2,3-Trichlorobenzene	ND	0.0081	1	10/06/2022 04:59
1,2,4-Trichlorobenzene	ND	0.0081	1	10/06/2022 04:59
1,1,1-Trichloroethane	ND	0.0081	1	10/06/2022 04:59
1,1,2-Trichloroethane	ND	0.0081	1	10/06/2022 04:59
Trichloroethene	ND	0.0081	1	10/06/2022 04:59
Trichlorofluoromethane	ND	0.0081	1	10/06/2022 04:59
1,2,3-Trichloropropane	ND	0.00040	1	10/06/2022 04:59
1,2,4-Trimethylbenzene	ND	0.0081	1	10/06/2022 04:59
1,3,5-Trimethylbenzene	ND	0.0081	1	10/06/2022 04:59
Vinyl Chloride	ND	0.00040	1	10/06/2022 04:59
m,p-Xylene	ND	0.0081	1	10/06/2022 04:59
o-Xylene	ND	0.0081	1	10/06/2022 04:59
Xylenes, Total	ND	0.0081	1	10/06/2022 04:59

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8260B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Volatile Organics [Encore Sampling]

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-02	2209F97-010A	Soil	09/26/2022 10:45	GC18 10052232.D	254753

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	102	70-140		10/06/2022 04:59
Toluene-d8	103	70-140		10/06/2022 04:59
4-BFB	91	70-140		10/06/2022 04:59
Benzene-d6	92	50-140		10/06/2022 04:59
Ethylbenzene-d10	96	50-140		10/06/2022 04:59
1,2-DCB-d4	73	40-140		10/06/2022 04:59

Analyst(s): KF Analytical Comments: a9

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-01	**2209F97-001A**	**Soil**	**09/26/2022 08:50**	**ICP-MS4 193SMPL.d**	**254671**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/28/2022 01:03
Arsenic	**4.8**	0.50	1	09/28/2022 01:03
Barium	**150**	5.0	1	09/28/2022 01:03
Beryllium	**0.59**	0.50	1	09/28/2022 01:03
Cadmium	ND	0.50	1	09/28/2022 01:03
Chromium	**67**	0.50	1	09/28/2022 01:03
Cobalt	**16**	0.50	1	09/28/2022 01:03
Copper	**22**	0.50	1	09/28/2022 01:03
Lead	**7.6**	0.50	1	09/28/2022 01:03
Mercury	**0.092**	0.050	1	09/28/2022 01:03
Molybdenum	**1.3**	0.50	1	09/28/2022 01:03
Nickel	**61**	0.50	1	09/28/2022 01:03
Selenium	ND	0.50	1	09/28/2022 01:03
Silver	ND	0.50	1	09/28/2022 01:03
Thallium	ND	0.50	1	09/28/2022 01:03
Vanadium	**50**	0.50	1	09/28/2022 01:03
Zinc	**68**	5.0	1	09/28/2022 01:03

Surrogates	REC (%)	Limits	
Terbium	106	70-130	09/28/2022 01:03

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-02	**2209F97-002A**	**Soil**	**09/26/2022 08:50**	**ICP-MS4 194SMPL.d**	**254671**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/28/2022 01:07
Arsenic	**6.9**	0.50	1	09/28/2022 01:07
Barium	**120**	5.0	1	09/28/2022 01:07
Beryllium	**0.53**	0.50	1	09/28/2022 01:07
Cadmium	ND	0.50	1	09/28/2022 01:07
Chromium	**47**	0.50	1	09/28/2022 01:07
Cobalt	**7.1**	0.50	1	09/28/2022 01:07
Copper	**29**	0.50	1	09/28/2022 01:07
Lead	**5.6**	0.50	1	09/28/2022 01:07
Mercury	**0.058**	0.050	1	09/28/2022 01:07
Molybdenum	**2.1**	0.50	1	09/28/2022 01:07
Nickel	**49**	0.50	1	09/28/2022 01:07
Selenium	ND	0.50	1	09/28/2022 01:07
Silver	ND	0.50	1	09/28/2022 01:07
Thallium	ND	0.50	1	09/28/2022 01:07
Vanadium	**53**	0.50	1	09/28/2022 01:07
Zinc	**71**	5.0	1	09/28/2022 01:07

Surrogates	REC (%)	Limits	
Terbium	107	70-130	09/28/2022 01:07

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-01	**2209F97-003A**	**Soil**	**09/26/2022 09:50**	**ICP-MS4 200SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/28/2022 01:31
Arsenic	**4.3**	0.50	1	09/28/2022 01:31
Barium	**150**	5.0	1	09/28/2022 01:31
Beryllium	**0.61**	0.50	1	09/28/2022 01:31
Cadmium	**0.56**	0.50	1	09/28/2022 01:31
Chromium	**66**	0.50	1	09/28/2022 01:31
Cobalt	**24**	0.50	1	09/28/2022 01:31
Copper	**23**	0.50	1	09/28/2022 01:31
Lead	**5.0**	0.50	1	09/28/2022 01:31
Mercury	**0.068**	0.050	1	09/28/2022 01:31
Molybdenum	**0.87**	0.50	1	09/28/2022 01:31
Nickel	**84**	0.50	1	09/28/2022 01:31
Selenium	ND	0.50	1	09/28/2022 01:31
Silver	ND	0.50	1	09/28/2022 01:31
Thallium	ND	0.50	1	09/28/2022 01:31
Vanadium	**55**	0.50	1	09/28/2022 01:31
Zinc	**55**	5.0	1	09/28/2022 01:31

Surrogates	REC (%)	Limits	
Terbium	105	70-130	09/28/2022 01:31

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-02	**2209F97-004A**	**Soil**	**09/26/2022 09:50**	**ICP-MS4 201SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.55**	0.50	1	09/28/2022 01:35
Arsenic	**7.3**	0.50	1	09/28/2022 01:35
Barium	**130**	5.0	1	09/28/2022 01:35
Beryllium	**0.61**	0.50	1	09/28/2022 01:35
Cadmium	ND	0.50	1	09/28/2022 01:35
Chromium	**66**	0.50	1	09/28/2022 01:35
Cobalt	**12**	0.50	1	09/28/2022 01:35
Copper	**26**	0.50	1	09/28/2022 01:35
Lead	**6.9**	0.50	1	09/28/2022 01:35
Mercury	ND	0.050	1	09/28/2022 01:35
Molybdenum	**1.7**	0.50	1	09/28/2022 01:35
Nickel	**63**	0.50	1	09/28/2022 01:35
Selenium	ND	0.50	1	09/28/2022 01:35
Silver	ND	0.50	1	09/28/2022 01:35
Thallium	ND	0.50	1	09/28/2022 01:35
Vanadium	**66**	0.50	1	09/28/2022 01:35
Zinc	**65**	5.0	1	09/28/2022 01:35

Surrogates	REC (%)	Limits	
Terbium	107	70-130	09/28/2022 01:35

Analyst(s): WV

(Cont.)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-01	**2209F97-005A**	**Soil**	**09/26/2022 11:05**	**ICP-MS4 202SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.54**	0.50	1	09/28/2022 01:40
Arsenic	**10**	0.50	1	09/28/2022 01:40
Barium	**140**	5.0	1	09/28/2022 01:40
Beryllium	**0.69**	0.50	1	09/28/2022 01:40
Cadmium	ND	0.50	1	09/28/2022 01:40
Chromium	**52**	0.50	1	09/28/2022 01:40
Cobalt	**7.8**	0.50	1	09/28/2022 01:40
Copper	**28**	0.50	1	09/28/2022 01:40
Lead	**8.4**	0.50	1	09/28/2022 01:40
Mercury	**0.058**	0.050	1	09/28/2022 01:40
Molybdenum	**3.1**	0.50	1	09/28/2022 01:40
Nickel	**51**	0.50	1	09/28/2022 01:40
Selenium	ND	0.50	1	09/28/2022 01:40
Silver	ND	0.50	1	09/28/2022 01:40
Thallium	ND	0.50	1	09/28/2022 01:40
Vanadium	**60**	0.50	1	09/28/2022 01:40
Zinc	**66**	5.0	1	09/28/2022 01:40

Surrogates	REC (%)	Limits	
Terbium	106	70-130	09/28/2022 01:40

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-02	**2209F97-006A**	**Soil**	**09/26/2022 11:05**	**ICP-MS4 205SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.88**	0.50	1	09/28/2022 01:52
Arsenic	**12**	0.50	1	09/28/2022 01:52
Barium	**430**	5.0	1	09/28/2022 01:52
Beryllium	**1.0**	0.50	1	09/28/2022 01:52
Cadmium	**2.0**	0.50	1	09/28/2022 01:52
Chromium	**80**	0.50	1	09/28/2022 01:52
Cobalt	**54**	0.50	1	09/28/2022 01:52
Copper	**41**	0.50	1	09/28/2022 01:52
Lead	**13**	0.50	1	09/28/2022 01:52
Mercury	ND	0.050	1	09/28/2022 01:52
Molybdenum	**5.2**	0.50	1	09/28/2022 01:52
Nickel	**110**	0.50	1	09/28/2022 01:52
Selenium	ND	0.50	1	09/28/2022 01:52
Silver	ND	0.50	1	09/28/2022 01:52
Thallium	ND	0.50	1	09/28/2022 01:52
Vanadium	**94**	0.50	1	09/28/2022 01:52
Zinc	**100**	5.0	1	09/28/2022 01:52

Surrogates	REC (%)	Limits	
Terbium	105	70-130	09/28/2022 01:52

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-01	**2209F97-007A**	**Soil**	**09/26/2022 10:20**	**ICP-MS4 206SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	**0.56**	0.50	1	09/28/2022 01:56
Arsenic	**7.7**	0.50	1	09/28/2022 01:56
Barium	**140**	5.0	1	09/28/2022 01:56
Beryllium	**0.56**	0.50	1	09/28/2022 01:56
Cadmium	ND	0.50	1	09/28/2022 01:56
Chromium	**56**	0.50	1	09/28/2022 01:56
Cobalt	**6.8**	0.50	1	09/28/2022 01:56
Copper	**31**	0.50	1	09/28/2022 01:56
Lead	**7.2**	0.50	1	09/28/2022 01:56
Mercury	**0.057**	0.050	1	09/28/2022 01:56
Molybdenum	**2.2**	0.50	1	09/28/2022 01:56
Nickel	**39**	0.50	1	09/28/2022 01:56
Selenium	ND	0.50	1	09/28/2022 01:56
Silver	ND	0.50	1	09/28/2022 01:56
Thallium	ND	0.50	1	09/28/2022 01:56
Vanadium	**63**	0.50	1	09/28/2022 01:56
Zinc	**63**	5.0	1	09/28/2022 01:56

Surrogates	REC (%)	Limits	
Terbium	102	70-130	09/28/2022 01:56

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-02	**2209F97-008A**	**Soil**	**09/26/2022 10:20**	**ICP-MS4 207SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/28/2022 02:00
Arsenic	**5.1**	0.50	1	09/28/2022 02:00
Barium	**270**	5.0	1	09/28/2022 02:00
Beryllium	**0.70**	0.50	1	09/28/2022 02:00
Cadmium	**0.80**	0.50	1	09/28/2022 02:00
Chromium	**71**	0.50	1	09/28/2022 02:00
Cobalt	**37**	0.50	1	09/28/2022 02:00
Copper	**34**	0.50	1	09/28/2022 02:00
Lead	**18**	0.50	1	09/28/2022 02:00
Mercury	ND	0.050	1	09/28/2022 02:00
Molybdenum	**2.4**	0.50	1	09/28/2022 02:00
Nickel	**130**	0.50	1	09/28/2022 02:00
Selenium	ND	0.50	1	09/28/2022 02:00
Silver	ND	0.50	1	09/28/2022 02:00
Thallium	ND	0.50	1	09/28/2022 02:00
Vanadium	**65**	0.50	1	09/28/2022 02:00
Zinc	**71**	5.0	1	09/28/2022 02:00

Surrogates	REC (%)	Limits	
Terbium	99	70-130	09/28/2022 02:00

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-01	**2209F97-009A**	**Soil**	**09/26/2022 10:45**	**ICP-MS4 208SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/28/2022 02:04
Arsenic	**2.9**	0.50	1	09/28/2022 02:04
Barium	**220**	5.0	1	09/28/2022 02:04
Beryllium	**0.84**	0.50	1	09/28/2022 02:04
Cadmium	ND	0.50	1	09/28/2022 02:04
Chromium	**80**	0.50	1	09/28/2022 02:04
Cobalt	**15**	0.50	1	09/28/2022 02:04
Copper	**28**	0.50	1	09/28/2022 02:04
Lead	**7.0**	0.50	1	09/28/2022 02:04
Mercury	ND	0.050	1	09/28/2022 02:04
Molybdenum	**0.76**	0.50	1	09/28/2022 02:04
Nickel	**87**	0.50	1	09/28/2022 02:04
Selenium	ND	0.50	1	09/28/2022 02:04
Silver	ND	0.50	1	09/28/2022 02:04
Thallium	ND	0.50	1	09/28/2022 02:04
Vanadium	**61**	0.50	1	09/28/2022 02:04
Zinc	**76**	5.0	1	09/28/2022 02:04

Surrogates	REC (%)	Limits	
Terbium	104	70-130	09/28/2022 02:04

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3050B
Date Prepared:	09/26/2022-09/27/2022	**Analytical Method:**	SW6020
Project:	3000 Shattuck	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-02	**2209F97-010A**	**Soil**	**09/26/2022 10:45**	**ICP-MS4 209SMPL.d**	**254674**

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/28/2022 02:08
Arsenic	**2.9**	0.50	1	09/28/2022 02:08
Barium	**150**	5.0	1	09/28/2022 02:08
Beryllium	ND	0.50	1	09/28/2022 02:08
Cadmium	ND	0.50	1	09/28/2022 02:08
Chromium	**74**	0.50	1	09/28/2022 02:08
Cobalt	**5.7**	0.50	1	09/28/2022 02:08
Copper	**21**	0.50	1	09/28/2022 02:08
Lead	**4.3**	0.50	1	09/28/2022 02:08
Mercury	**0.060**	0.050	1	09/28/2022 02:08
Molybdenum	**0.60**	0.50	1	09/28/2022 02:08
Nickel	**51**	0.50	1	09/28/2022 02:08
Selenium	ND	0.50	1	09/28/2022 02:08
Silver	ND	0.50	1	09/28/2022 02:08
Thallium	ND	0.50	1	09/28/2022 02:08
Vanadium	**54**	0.50	1	09/28/2022 02:08
Zinc	**55**	5.0	1	09/28/2022 02:08

Surrogates	REC (%)	Limits	
Terbium	106	70-130	09/28/2022 02:08

Analyst(s): WV

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	3000 Shattuck	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-01	2209F97-001A	Soil	09/26/2022 08:50	GC3 09292216.D	254705

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/29/2022 21:00
MTBE	---	0.050	1	09/29/2022 21:00
Benzene	---	0.0050	1	09/29/2022 21:00
Toluene	---	0.0050	1	09/29/2022 21:00
Ethylbenzene	---	0.0050	1	09/29/2022 21:00
m,p-Xylene	---	0.010	1	09/29/2022 21:00
o-Xylene	---	0.0050	1	09/29/2022 21:00
Xylenes	---	0.0050	1	09/29/2022 21:00

Surrogates	REC (%)	Limits	
2-Fluorotoluene	74	62-126	09/29/2022 21:00

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-02	2209F97-002A	Soil	09/26/2022 08:50	GC3 09292223.D	254705

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/30/2022 00:39
MTBE	---	0.050	1	09/30/2022 00:39
Benzene	---	0.0050	1	09/30/2022 00:39
Toluene	---	0.0050	1	09/30/2022 00:39
Ethylbenzene	---	0.0050	1	09/30/2022 00:39
m,p-Xylene	---	0.010	1	09/30/2022 00:39
o-Xylene	---	0.0050	1	09/30/2022 00:39
Xylenes	---	0.0050	1	09/30/2022 00:39

Surrogates	REC (%)	Limits	
2-Fluorotoluene	76	62-126	09/30/2022 00:39

Analyst(s): IA

(Cont.)

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	3000 Shattuck	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-01	**2209F97-003A**	**Soil**	**09/26/2022 09:50**	**GC19 10032213.D**	**254705**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**120**	33	33.3	10/03/2022 18:43
MTBE	**---**	1.7	33.3	10/03/2022 18:43
Benzene	**---**	0.17	33.3	10/03/2022 18:43
Toluene	**---**	0.17	33.3	10/03/2022 18:43
Ethylbenzene	**---**	0.17	33.3	10/03/2022 18:43
m,p-Xylene	**---**	0.33	33.3	10/03/2022 18:43
o-Xylene	**---**	0.17	33.3	10/03/2022 18:43
Xylenes	**---**	0.17	33.3	10/03/2022 18:43

Surrogates	REC (%)	Limits	
2-Fluorotoluene	79	62-126	10/03/2022 18:43

Analyst(s): IA Analytical Comments: d7,d9

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-02	**2209F97-004A**	**Soil**	**09/26/2022 09:50**	**GC3 09292229.D**	**254705**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/30/2022 03:44
MTBE	**---**	0.050	1	09/30/2022 03:44
Benzene	**---**	0.0050	1	09/30/2022 03:44
Toluene	**---**	0.0050	1	09/30/2022 03:44
Ethylbenzene	**---**	0.0050	1	09/30/2022 03:44
m,p-Xylene	**---**	0.010	1	09/30/2022 03:44
o-Xylene	**---**	0.0050	1	09/30/2022 03:44
Xylenes	**---**	0.0050	1	09/30/2022 03:44

Surrogates	REC (%)	Limits	
2-Fluorotoluene	71	62-126	09/30/2022 03:44

Analyst(s): IA

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	3000 Shattuck	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-01	**2209F97-005A**	**Soil**	**09/26/2022 11:05**	**GC19 10032218.D**	**254705**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**290**	50	50	10/03/2022 21:19
MTBE	**---**	2.5	50	10/03/2022 21:19
Benzene	**---**	0.25	50	10/03/2022 21:19
Toluene	**---**	0.25	50	10/03/2022 21:19
Ethylbenzene	**---**	0.25	50	10/03/2022 21:19
m,p-Xylene	**---**	0.50	50	10/03/2022 21:19
o-Xylene	**---**	0.25	50	10/03/2022 21:19
Xylenes	**---**	0.25	50	10/03/2022 21:19

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	160	S	62-126	10/03/2022 21:19

Analyst(s): IA Analytical Comments: d7,d9,c4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-02	**2209F97-006A**	**Soil**	**09/26/2022 11:05**	**GC7 10012209.D**	**254705**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	10/01/2022 18:00
MTBE	**---**	0.050	1	10/01/2022 18:00
Benzene	**---**	0.0050	1	10/01/2022 18:00
Toluene	**---**	0.0050	1	10/01/2022 18:00
Ethylbenzene	**---**	0.0050	1	10/01/2022 18:00
m,p-Xylene	**---**	0.010	1	10/01/2022 18:00
o-Xylene	**---**	0.0050	1	10/01/2022 18:00
Xylenes	**---**	0.0050	1	10/01/2022 18:00

Surrogates	REC (%)	Limits	
2-Fluorotoluene	75	62-126	10/01/2022 18:00

Analyst(s): IA

(Cont.)

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	3000 Shattuck	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-01	2209F97-007A	Soil	09/26/2022 10:20	GC3 09292232.D	254705

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/30/2022 05:15
MTBE	---	0.050	1	09/30/2022 05:15
Benzene	---	0.0050	1	09/30/2022 05:15
Toluene	---	0.0050	1	09/30/2022 05:15
Ethylbenzene	---	0.0050	1	09/30/2022 05:15
m,p-Xylene	---	0.010	1	09/30/2022 05:15
o-Xylene	---	0.0050	1	09/30/2022 05:15
Xylenes	---	0.0050	1	09/30/2022 05:15

Surrogates	REC (%)	Limits	
2-Fluorotoluene	93	62-126	09/30/2022 05:15

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-02	2209F97-008A	Soil	09/26/2022 10:20	GC3 09292233.D	254705

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/30/2022 05:46
MTBE	---	0.050	1	09/30/2022 05:46
Benzene	---	0.0050	1	09/30/2022 05:46
Toluene	---	0.0050	1	09/30/2022 05:46
Ethylbenzene	---	0.0050	1	09/30/2022 05:46
m,p-Xylene	---	0.010	1	09/30/2022 05:46
o-Xylene	---	0.0050	1	09/30/2022 05:46
Xylenes	---	0.0050	1	09/30/2022 05:46

Surrogates	REC (%)	Limits	
2-Fluorotoluene	75	62-126	09/30/2022 05:46

Analyst(s): IA

(Cont.)

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW5035
Date Prepared:	09/26/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	3000 Shattuck	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-01	**2209F97-009A**	**Soil**	**09/26/2022 10:45**	**GC3 09292234.D**	**254705**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**22**	1.0	1	09/30/2022 06:16
MTBE	**---**	0.050	1	09/30/2022 06:16
Benzene	**---**	0.0050	1	09/30/2022 06:16
Toluene	**---**	0.0050	1	09/30/2022 06:16
Ethylbenzene	**---**	0.0050	1	09/30/2022 06:16
m,p-Xylene	**---**	0.010	1	09/30/2022 06:16
o-Xylene	**---**	0.0050	1	09/30/2022 06:16
Xylenes	**---**	0.0050	1	09/30/2022 06:16

Surrogates	REC (%)	Limits	
2-Fluorotoluene	98	62-126	09/30/2022 06:16

Analyst(s): IA Analytical Comments: d7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-02	**2209F97-010A**	**Soil**	**09/26/2022 10:45**	**GC3 09292235.D**	**254705**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/30/2022 06:46
MTBE	**---**	0.050	1	09/30/2022 06:46
Benzene	**---**	0.0050	1	09/30/2022 06:46
Toluene	**---**	0.0050	1	09/30/2022 06:46
Ethylbenzene	**---**	0.0050	1	09/30/2022 06:46
m,p-Xylene	**---**	0.010	1	09/30/2022 06:46
o-Xylene	**---**	0.0050	1	09/30/2022 06:46
Xylenes	**---**	0.0050	1	09/30/2022 06:46

Surrogates	REC (%)	Limits	
2-Fluorotoluene	74	62-126	09/30/2022 06:46

Analyst(s): IA

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3550B
Date Prepared:	09/26/2022	**Analytical Method:**	SW8015B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-01	2209F97-001A	Soil	09/26/2022 08:50	GC11B 09292219.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/29/2022 20:54
TPH-Motor Oil (C18-C36)	ND	10	1	09/29/2022 20:54

Surrogates	REC (%)	Limits	
C9	107	70-130	09/29/2022 20:54

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP2-S-02	2209F97-002A	Soil	09/26/2022 08:50	GC11B 09292211.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/29/2022 18:17
TPH-Motor Oil (C18-C36)	ND	10	1	09/29/2022 18:17

Surrogates	REC (%)	Limits	
C9	106	70-130	09/29/2022 18:17

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-01	2209F97-003A	Soil	09/26/2022 09:50	GC11B 09292209.D	254726

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**3.3**	B	2.0	1	09/29/2022 17:37
TPH-Motor Oil (C18-C36)	ND		10	1	09/29/2022 17:37

Surrogates	REC (%)	Limits	
C9	106	70-130	09/29/2022 17:37

Analyst(s): JIS Analytical Comments: e2

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3550B
Date Prepared:	09/26/2022	**Analytical Method:**	SW8015B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP4-S-02	2209F97-004A	Soil	09/26/2022 09:50	GC11B 09292225.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/29/2022 22:50
TPH-Motor Oil (C18-C36)	ND	10	1	09/29/2022 22:50

Surrogates	REC (%)	Limits	
C9	107	70-130	09/29/2022 22:50

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-01	2209F97-005A	Soil	09/26/2022 11:05	GC9a 09302236.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**57**	2.0	1	10/01/2022 06:35
TPH-Motor Oil (C18-C36)	ND	10	1	10/01/2022 06:35

Surrogates	REC (%)	Limits	
C9	89	70-130	10/01/2022 06:35

Analyst(s): JIS Analytical Comments: e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP1-S-02	2209F97-006A	Soil	09/26/2022 11:05	GC11B 09292213.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/29/2022 18:57
TPH-Motor Oil (C18-C36)	ND	10	1	09/29/2022 18:57

Surrogates	REC (%)	Limits	
C9	106	70-130	09/29/2022 18:57

Analyst(s): JIS

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3550B
Date Prepared:	09/26/2022	**Analytical Method:**	SW8015B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-01	2209F97-007A	Soil	09/26/2022 10:20	GC11A 09292234.D	254726

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**5.0**	B	2.0	1	09/30/2022 01:23
TPH-Motor Oil (C18-C36)	**110**		10	1	09/30/2022 01:23

Surrogates	REC (%)	Limits	
C9	102	70-130	09/30/2022 01:23

Analyst(s): JIS Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP3-S-02	2209F97-008A	Soil	09/26/2022 10:20	GC11B 09292223.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/29/2022 22:11
TPH-Motor Oil (C18-C36)	ND	10	1	09/29/2022 22:11

Surrogates	REC (%)	Limits	
C9	107	70-130	09/29/2022 22:11

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-01	2209F97-009A	Soil	09/26/2022 10:45	GC11B 09292221.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/29/2022 21:33
TPH-Motor Oil (C18-C36)	ND	10	1	09/29/2022 21:33

Surrogates	REC (%)	Limits	
C9	105	70-130	09/29/2022 21:33

Analyst(s): JIS

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Analytical Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Received:	09/26/2022 13:30	**Extraction Method:**	SW3550B
Date Prepared:	09/26/2022	**Analytical Method:**	SW8015B
Project:	3000 Shattuck	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DP5-S-02	2209F97-010A	Soil	09/26/2022 10:45	GC11B 09292215.D	254726

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/29/2022 19:36
TPH-Motor Oil (C18-C36)	ND	10	1	09/29/2022 19:36

Surrogates	REC (%)	Limits	
C9	106	70-130	09/29/2022 19:36

Analyst(s): JIS

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254753
Date Analyzed:	10/03/2022	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254753

QC Summary Report for SW8260B (Encore)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.24	0.40	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0015	0.010	-	-	-
Benzene	ND	0.0017	0.010	-	-	-
Bromobenzene	ND	0.0018	0.010	-	-	-
Bromochloromethane	ND	0.0018	0.010	-	-	-
Bromodichloromethane	ND	0.00035	0.0020	-	-	-
Bromoform	ND	0.0078	0.010	-	-	-
Bromomethane	ND	0.0050	0.010	-	-	-
2-Butanone (MEK)	ND	0.046	0.10	-	-	-
t-Butyl alcohol (TBA)	ND	0.021	0.10	-	-	-
n-Butyl benzene	ND	0.0028	0.010	-	-	-
sec-Butyl benzene	ND	0.0030	0.010	-	-	-
tert-Butyl benzene	ND	0.0034	0.010	-	-	-
Carbon Disulfide	ND	0.0030	0.010	-	-	-
Carbon Tetrachloride	ND	0.00032	0.010	-	-	-
Chlorobenzene	ND	0.0017	0.010	-	-	-
Chloroethane	ND	0.0032	0.010	-	-	-
Chloroform	ND	0.00069	0.010	-	-	-
Chloromethane	ND	0.0034	0.010	-	-	-
2-Chlorotoluene	ND	0.0026	0.010	-	-	-
4-Chlorotoluene	ND	0.0020	0.010	-	-	-
Dibromochloromethane	ND	0.0026	0.010	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00098	0.0010	-	-	-
1,2-Dibromoethane (EDB)	ND	0.00024	0.00050	-	-	-
Dibromomethane	ND	0.0019	0.010	-	-	-
1,2-Dichlorobenzene	ND	0.0046	0.010	-	-	-
1,3-Dichlorobenzene	ND	0.0020	0.010	-	-	-
1,4-Dichlorobenzene	ND	0.0020	0.010	-	-	-
Dichlorodifluoromethane	ND	0.0034	0.010	-	-	-
1,1-Dichloroethane	ND	0.0016	0.010	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.00028	0.00050	-	-	-
1,1-Dichloroethene	ND	0.00030	0.010	-	-	-
cis-1,2-Dichloroethene	ND	0.0015	0.010	-	-	-
trans-1,2-Dichloroethene	ND	0.0024	0.010	-	-	-
1,2-Dichloropropane	ND	0.0016	0.010	-	-	-
1,3-Dichloropropane	ND	0.0020	0.010	-	-	-
2,2-Dichloropropane	ND	0.0024	0.010	-	-	-
1,1-Dichloropropene	ND	0.0019	0.010	-	-	-

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254753
Date Analyzed:	10/03/2022	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254753

QC Summary Report for SW8260B (Encore)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.0013	0.010	-	-	-
trans-1,3-Dichloropropene	ND	0.0024	0.010	-	-	-
Diisopropyl ether (DIPE)	ND	0.0016	0.010	-	-	-
Ethylbenzene	ND	0.0022	0.010	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0015	0.010	-	-	-
Freon 113	ND	0.0022	0.010	-	-	-
Hexachlorobutadiene	ND	0.0024	0.010	-	-	-
Hexachloroethane	ND	0.0013	0.010	-	-	-
2-Hexanone	ND	0.0086	0.010	-	-	-
Isopropylbenzene	ND	0.0028	0.010	-	-	-
4-Isopropyl toluene	ND	0.0026	0.010	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0028	0.010	-	-	-
Methylene chloride	ND	0.018	0.040	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0030	0.010	-	-	-
Naphthalene	ND	0.0044	0.010	-	-	-
n-Propyl benzene	ND	0.0032	0.010	-	-	-
Styrene	ND	0.0034	0.010	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0020	0.010	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00056	0.010	-	-	-
Tetrachloroethene	ND	0.00062	0.010	-	-	-
Toluene	ND	0.0026	0.010	-	-	-
1,2,3-Trichlorobenzene	ND	0.0034	0.010	-	-	-
1,2,4-Trichlorobenzene	ND	0.0024	0.010	-	-	-
1,1,1-Trichloroethane	ND	0.0017	0.010	-	-	-
1,1,2-Trichloroethane	ND	0.0027	0.010	-	-	-
Trichloroethene	ND	0.0016	0.010	-	-	-
Trichlorofluoromethane	ND	0.0026	0.010	-	-	-
1,2,3-Trichloropropane	ND	0.00030	0.00050	-	-	-
1,2,4-Trimethylbenzene	ND	0.0064	0.010	-	-	-
1,3,5-Trimethylbenzene	ND	0.0024	0.010	-	-	-
Vinyl Chloride	ND	0.00026	0.00050	-	-	-
m,p-Xylene	ND	0.0050	0.010	-	-	-
o-Xylene	ND	0.0024	0.010	-	-	-

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254753
Date Analyzed:	10/03/2022	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254753

QC Summary Report for SW8260B (Encore)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.23			0.25	92	60-140
Toluene-d8	0.27			0.25	108	60-140
4-BFB	0.024			0.025	95	60-140
Benzene-d6	0.20			0.2	99	70-140
Ethylbenzene-d10	0.22			0.2	109	70-140
1,2-DCB-d4	0.16			0.2	80	70-140

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254753
Date Analyzed:	10/03/2022	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254753

QC Summary Report for SW8260B (Encore)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.38	0.37	0.40	94	93	50-140	1.06	30
tert-Amyl methyl ether (TAME)	0.031	0.031	0.040	78	77	50-140	0.638	30
Benzene	0.035	0.034	0.040	87	86	60-140	2.21	30
Bromobenzene	0.034	0.034	0.040	85	84	60-140	1.54	30
Bromochloromethane	0.040	0.040	0.040	100	101	60-140	0.385	30
Bromodichloromethane	0.031	0.031	0.040	78	78	60-140	0.509	30
Bromoform	0.026	0.025	0.040	64	62	40-140	2.86	30
Bromomethane	0.0094	0.010	0.040	24,F2	26,F2	30-140	9.86	30
2-Butanone (MEK)	0.12	0.13	0.16	74	84	60-140	12.0	30
t-Butyl alcohol (TBA)	0.13	0.13	0.16	84	81	50-140	3.68	30
n-Butyl benzene	0.045	0.042	0.040	112	106	60-170	5.59	30
sec-Butyl benzene	0.042	0.040	0.040	105	101	60-140	4.15	30
tert-Butyl benzene	0.040	0.038	0.040	101	95	60-140	6.59	30
Carbon Disulfide	0.035	0.032	0.040	88	79	40-140	10.5	30
Carbon Tetrachloride	0.036	0.034	0.040	90	86	60-140	4.63	30
Chlorobenzene	0.038	0.036	0.040	94	89	60-140	5.85	30
Chloroethane	0.035	0.029	0.040	86	73	40-140	17.3	30
Chloroform	0.035	0.035	0.040	88	87	60-140	1.16	30
Chloromethane	0.024	0.022	0.040	61	56	20-140	8.85	30
2-Chlorotoluene	0.038	0.037	0.040	96	93	60-140	3.37	30
4-Chlorotoluene	0.037	0.036	0.040	92	90	60-140	1.83	30
Dibromochloromethane	0.032	0.030	0.040	80	76	50-140	4.91	30
1,2-Dibromo-3-chloropropane	0.014	0.013	0.020	71	66	30-140	7.12	30
1,2-Dibromoethane (EDB)	0.017	0.016	0.020	83	79	30-140	5.45	30
Dibromomethane	0.037	0.039	0.040	92	98	60-140	6.44	30
1,2-Dichlorobenzene	0.032	0.031	0.040	80	77	60-140	4.20	30
1,3-Dichlorobenzene	0.037	0.036	0.040	93	91	60-140	2.32	30
1,4-Dichlorobenzene	0.035	0.035	0.040	89	87	60-140	1.36	30
Dichlorodifluoromethane	0.017	0.016	0.040	43	39	10-140	10.4	30
1,1-Dichloroethane	0.034	0.032	0.040	84	81	60-140	4.35	30
1,2-Dichloroethane (1,2-DCA)	0.029	0.029	0.040	74	73	60-140	0.986	30
1,1-Dichloroethene	0.038	0.035	0.040	96	87	60-140	9.59	30
cis-1,2-Dichloroethene	0.036	0.037	0.040	90	91	60-140	2.07	30
trans-1,2-Dichloroethene	0.035	0.033	0.040	88	82	60-140	7.28	30
1,2-Dichloropropane	0.033	0.033	0.040	82	82	60-140	0.670	30
1,3-Dichloropropane	0.036	0.033	0.040	91	83	60-140	8.91	30
2,2-Dichloropropane	0.038	0.036	0.040	94	90	60-140	4.45	30
1,1-Dichloropropene	0.036	0.035	0.040	91	87	60-140	4.82	30

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254753
Date Analyzed:	10/03/2022	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254753

QC Summary Report for SW8260B (Encore)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.036	0.034	0.040	91	84	60-140	8.04	30
trans-1,3-Dichloropropene	0.033	0.031	0.040	83	78	60-140	6.35	30
Diisopropyl ether (DIPE)	0.028	0.028	0.040	71	69	60-140	2.29	30
Ethylbenzene	0.038	0.035	0.040	96	88	60-140	8.10	30
Ethyl tert-butyl ether (ETBE)	0.029	0.029	0.040	72	72	50-140	0.150	30
Freon 113	0.034	0.030	0.040	85	74	40-140	14.2	30
Hexachlorobutadiene	0.041	0.039	0.040	103	97	60-140	5.27	30
Hexachloroethane	0.032	0.031	0.040	80	77	60-140	3.70	30
2-Hexanone	0.025	0.025	0.040	63	62	40-140	2.34	30
Isopropylbenzene	0.039	0.039	0.040	97	96	60-140	1.03	30
4-Isopropyl toluene	0.040	0.039	0.040	100	97	60-140	3.13	30
Methyl-t-butyl ether (MTBE)	0.032	0.032	0.040	81	80	50-140	0.305	30
Methylene chloride	0.039	0.039	0.040	98	97	60-140	1.11	30
4-Methyl-2-pentanone (MIBK)	0.026	0.025	0.040	65	62	50-140	4.70	30
Naphthalene	0.021	0.018	0.040	52	46	30-140	13.5	30
n-Propyl benzene	0.038	0.036	0.040	95	90	60-140	5.55	30
Styrene	0.034	0.031	0.040	84	76	60-140	9.65	30
1,1,1,2-Tetrachloroethane	0.035	0.034	0.040	88	85	60-140	3.28	30
1,1,2,2-Tetrachloroethane	0.027	0.027	0.040	66	67	20-140	1.51	30
Tetrachloroethene	0.040	0.036	0.040	99	90	60-140	9.82	30
Toluene	0.038	0.035	0.040	95	86	60-140	9.33	30
1,2,3-Trichlorobenzene	0.026	0.023	0.040	66	57	40-140	15.0	30
1,2,4-Trichlorobenzene	0.031	0.029	0.040	78	72	50-140	7.71	30
1,1,1-Trichloroethane	0.035	0.034	0.040	88	85	60-140	3.50	30
1,1,2-Trichloroethane	0.033	0.031	0.040	83	77	60-140	7.18	30
Trichloroethene	0.040	0.039	0.040	101	97	60-140	4.03	30
Trichlorofluoromethane	0.036	0.032	0.040	91	79	40-140	13.8	30
1,2,3-Trichloropropane	0.015	0.015	0.020	75	75	30-140	0.120	30
1,2,4-Trimethylbenzene	0.038	0.037	0.040	96	94	60-140	2.01	30
1,3,5-Trimethylbenzene	0.038	0.038	0.040	94	94	60-140	0.477	30
Vinyl Chloride	0.014	0.012	0.020	70	60	30-130	15.3	30
m,p-Xylene	0.072	0.067	0.080	90	84	60-140	7.39	30
o-Xylene	0.035	0.033	0.040	87	82	60-140	6.23	30

(Cont.)

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254753
Date Analyzed:	10/03/2022	**Extraction Method:**	SW5035
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254753

QC Summary Report for SW8260B (Encore)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.25	0.25	0.25	98	101	60-140	3.16	30
Toluene-d8	0.25	0.24	0.25	98	95	60-140	3.29	30
4-BFB	0.022	0.024	0.025	88	95	60-140	8.08	30
Benzene-d6	0.20	0.19	0.20	98	95	70-140	2.63	30
Ethylbenzene-d10	0.20	0.18	0.20	99	92	70-140	7.25	30
1,2-DCB-d4	0.16	0.15	0.20	79	76	70-140	3.22	30

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/27/2022	**BatchID:**	254671
Date Analyzed:	09/27/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254671

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.12	0.50	-	-	-
Arsenic	ND	0.11	0.50	-	-	-
Barium	ND	0.71	5.0	-	-	-
Beryllium	ND	0.10	0.50	-	-	-
Cadmium	ND	0.092	0.50	-	-	-
Chromium	ND	0.13	0.50	-	-	-
Cobalt	ND	0.064	0.50	-	-	-
Copper	ND	0.13	0.50	-	-	-
Lead	ND	0.065	0.50	-	-	-
Mercury	ND	0.038	0.050	-	-	-
Molybdenum	ND	0.092	0.50	-	-	-
Nickel	ND	0.080	0.50	-	-	-
Selenium	ND	0.21	0.50	-	-	-
Silver	ND	0.057	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.11	0.50	-	-	-
Zinc	ND	2.5	5.0	-	-	-
Surrogate Recovery						
Terbium	540			500	108	70-130

(Cont.)

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/27/2022	**BatchID:**	254671
Date Analyzed:	09/27/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254671

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	46	50	50	91	100	75-125	9.51	20
Arsenic	45	51	50	90	103	75-125	12.9	20
Barium	470	520	500	93	104	75-125	11.0	20
Beryllium	46	53	50	93	105	75-125	12.6	20
Cadmium	46	52	50	91	104	75-125	13.2	20
Chromium	47	54	50	95	108	75-125	12.8	20
Cobalt	46	51	50	91	102	75-125	11.2	20
Copper	47	54	50	94	108	75-125	13.2	20
Lead	44	50	50	89	100	75-125	12.2	20
Mercury	1.1	1.3	1.25	91	104	75-125	13.4	20
Molybdenum	44	48	50	88	96	75-125	9.54	20
Nickel	47	53	50	93	106	75-125	13.2	20
Selenium	45	52	50	91	103	75-125	12.9	20
Silver	42	48	50	84	97	75-125	13.6	20
Thallium	46	52	50	92	103	75-125	11.8	20
Vanadium	46	53	50	92	106	75-125	13.8	20
Zinc	470	530	500	93	106	75-125	13.0	20
Surrogate Recovery								
Terbium	490	550	500	98	110	70-130	10.7	20

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254674
Date Analyzed:	09/27/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254674

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.12	0.50	-	-	-
Arsenic	ND	0.11	0.50	-	-	-
Barium	ND	0.71	5.0	-	-	-
Beryllium	ND	0.10	0.50	-	-	-
Cadmium	ND	0.092	0.50	-	-	-
Chromium	ND	0.13	0.50	-	-	-
Cobalt	ND	0.064	0.50	-	-	-
Copper	ND	0.13	0.50	-	-	-
Lead	ND	0.065	0.50	-	-	-
Mercury	ND	0.038	0.050	-	-	-
Molybdenum	ND	0.092	0.50	-	-	-
Nickel	ND	0.080	0.50	-	-	-
Selenium	ND	0.21	0.50	-	-	-
Silver	ND	0.057	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.11	0.50	-	-	-
Zinc	ND	2.5	5.0	-	-	-
Surrogate Recovery						
Terbium	520			500	105	70-130

(Cont.)

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254674
Date Analyzed:	09/27/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254674

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	48	48	50	97	96	75-125	0.577	20
Arsenic	50	49	50	99	99	75-125	0.903	20
Barium	490	490	500	98	97	75-125	1.23	20
Beryllium	51	51	50	102	101	75-125	1.11	20
Cadmium	50	49	50	99	97	75-125	1.79	20
Chromium	50	50	50	99	100	75-125	0.537	20
Cobalt	50	50	50	101	99	75-125	1.47	20
Copper	50	50	50	101	101	75-125	0.00596	20
Lead	49	48	50	98	96	75-125	2.71	20
Mercury	1.2	1.2	1.25	98	96	75-125	1.90	20
Molybdenum	49	49	50	98	98	75-125	0.815	20
Nickel	49	49	50	98	99	75-125	0.442	20
Selenium	49	49	50	98	97	75-125	0.882	20
Silver	49	47	50	98	94	75-125	4.60	20
Thallium	50	49	50	100	97	75-125	3.04	20
Vanadium	48	49	50	96	97	75-125	1.04	20
Zinc	500	500	500	100	101	75-125	0.752	20
Surrogate Recovery								
Terbium	500	510	500	101	102	70-130	1.16	20

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254705
Date Analyzed:	09/27/2022	**Extraction Method:**	SW5035
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254705

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.55	1.0	-	-	-
MTBE	ND	0.0026	0.050	-	-	-
Benzene	ND	0.0018	0.0050	-	-	-
Toluene	ND	0.0022	0.0050	-	-	-
Ethylbenzene	ND	0.0015	0.0050	-	-	-
m,p-Xylene	ND	0.0026	0.010	-	-	-
o-Xylene	ND	0.00098	0.0050	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.086			0.1	86	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.52	0.52	0.60	86	86	82-118	0.104	20
MTBE	0.076	0.077	0.10	76	77	61-119	0.742	20
Benzene	0.10	0.095	0.10	101	95	77-128	6.22	20
Toluene	0.11	0.10	0.10	105	100	74-132	5.43	20
Ethylbenzene	0.10	0.096	0.10	101	96	84-127	5.45	20
m,p-Xylene	0.21	0.20	0.20	105	100	80-120	4.90	20
o-Xylene	0.10	0.094	0.10	100	94	80-120	5.68	20
Surrogate Recovery								
2-Fluorotoluene	0.090	0.087	0.10	90	87	75-134	4.24	20

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Quality Control Report

Client:	John McGuire	**WorkOrder:**	2209F97
Date Prepared:	09/26/2022	**BatchID:**	254726
Date Analyzed:	09/26/2022 - 09/29/2022	**Extraction Method:**	SW3550B
Instrument:	GC11A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3000 Shattuck	**Sample ID:**	MB/LCS/LCSD-254726

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	0.83,J	0.78	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.6	10	-	-	-
Surrogate Recovery						
C9	24			25	97	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	39	39	40	97	96	70-130	0.347	20
Surrogate Recovery								
C9	25	24	25	99	96	70-130	3.01	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2209F97 **ClientCode: JMG** **QuoteID: 223746**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☐ Excel

Report to:
John McGuire
John McGuire
552 Watson Ct.
Benicia, CA 94510
925-383-9652 FAX:

Email: JohnMcguire@terratactix.com
cc/3rd Party:
PO:
Project: 3000 Shattuck

Bill to:
Accounts Payable
John McGuire
552 Watson Ct.
Benicia, CA 94510
JohnMcguire@terratactix.com

Requested TAT: **5 days;**

Date Received: **09/26/2022**
Date Logged: **09/26/2022**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2209F97-001	DP2-S-01	Soil	9/26/2022 08:50	☐	A	A	A	A	A	A	A					
2209F97-002	DP2-S-02	Soil	9/26/2022 08:50	☐	A	A	A		A		A					
2209F97-003	DP4-S-01	Soil	9/26/2022 09:50	☐	A	A	A		A		A					
2209F97-004	DP4-S-02	Soil	9/26/2022 09:50	☐	A	A	A		A		A					
2209F97-005	DP1-S-01	Soil	9/26/2022 11:05	☐	A	A	A		A		A					
2209F97-006	DP1-S-02	Soil	9/26/2022 11:05	☐	A	A	A		A		A					
2209F97-007	DP3-S-01	Soil	9/26/2022 10:20	☐	A	A	A		A		A					
2209F97-008	DP3-S-02	Soil	9/26/2022 10:20	☐	A	A	A		A		A					
2209F97-009	DP5-S-01	Soil	9/26/2022 10:45	☐	A	A	A		A		A					
2209F97-010	DP5-S-02	Soil	9/26/2022 10:45	☐	A	A	A		A		A					

Test Legend:

1	8260B_E	2	CAM17MS_TTLC_S	3	G-MBTEX_S	4	PRCHARGES
5	PRDisposal Fee	6	PRENCORE SAMPLER	7	TPH(DMO)_S	8	
9		10		11		12	

Prepared by: Valerie Alfaro

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A contain testgroup Multi Range_S.

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: JOHN MCGUIRE **Project:** 3000 Shattuck **Work Order:** 2209F97
Client Contact: John McGuire **QC Level:** LEVEL 2
Contact's Email: JohnMcguire@terratactix.com **Comments:** **Date Logged:** 9/26/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DP2-S-01	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 8:50	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐
002A	DP2-S-02	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 8:50	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐
003A	DP4-S-01	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 9:50	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐
004A	DP4-S-02	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 9:50	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

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WORK ORDER SUMMARY

Client Name: JOHN MCGUIRE **Project:** 3000 Shattuck **Work Order:** 2209F97
Client Contact: John McGuire **QC Level:** LEVEL 2
Contact's Email: JohnMcguire@terratactix.com **Comments:** **Date Logged:** 9/26/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
005A	DP1-S-01	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 11:05	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐
006A	DP1-S-02	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 11:05	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐
007A	DP3-S-01	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 10:20	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐
008A	DP3-S-02	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 10:20	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: JOHN MCGUIRE **Project:** 3000 Shattuck **Work Order:** 2209F97
Client Contact: John McGuire **QC Level:** LEVEL 2
Contact's Email: JohnMcguire@terratactix.com **Comments:** **Date Logged:** 9/26/2022

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
009A	DP5-S-01	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 10:45	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐
010A	DP5-S-02	Soil	Multi-Range TPH	2	16OZ GJ, Unpres+1-encore sampler	☐	☐	☐	9/26/2022 10:45	5 days	10/3/2022		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	10/3/2022		☐	☐
			SW8260B (VOCs) (Encore)			☐	☐	☐		5 days	10/3/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

General COC

MAI Work Order # 2209F91M97

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www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD	X	Quote #										
J-Flag / MDL		ESL		Cleanup Approved		Dry Weight		Bottle Order #											
Delivery Format:	PDF		GeoTracker EDF		EDD		Write On (DW)		Detect Summary										

Report To: ~~Jen Musa~~ John McGuire Bill To: ~~Jen Group~~
Company: ~~Jen Group~~ John McGuire
Email: ~~JenMusa@myjengroup.com~~
Alt Email: JohnMcGuire@TRCsolutions.com Tele: 714-444-3500
Project Name: 3000 Shattuck Project #:
Project Location: Berkeley PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	TPH mult; soil/SW	TPH mult; soil/SW	SVOCs 8260 enhanced	8260 VOCs	ethanol 8260	SVOCs 8270
DP2-S-01	9/26	8:50		Soil		X		X			X
DP2-S-02	9/26			Soil		X		X			X
~~DP2-W-01~~	~~9/26~~			~~Water~~			~~X~~	~~X~~	X	X	
DP4-S-01	9/26	8:45		Soil		X		X	X		X
DP4-S-02	9/26			Soil		X	X	X	X		X
~~DP4-W-01~~	~~9/26~~			~~Water~~			X	X	X	X	
DP1-S-01	9/26	11:05		Soil		X			X		X
DP1-S-02	9/26			Soil		X	X	X	X		X
~~DP1-W-01~~	~~9/26~~			~~Water~~						X	

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
gjm gjmgroup	9/26/22	1730		9/26/22	1330

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 4.0 °C Initials VM

wet

Page 1 of 2

General COC

MAI Work Order # 2209F97

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CHAIN OF CUSTODY RECORD

| | | |

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Sample Receipt Checklist

Client Name:	John McGuire	Date and Time Received:	9/26/2022 13:30
Project:	3000 Shattuck	Date Logged:	9/26/2022
		Received by:	Valerie Alfaro
WorkOrder №:	2209F97 Matrix: Soil	Logged by:	Valerie Alfaro
Carrier:	Client Drop-In		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

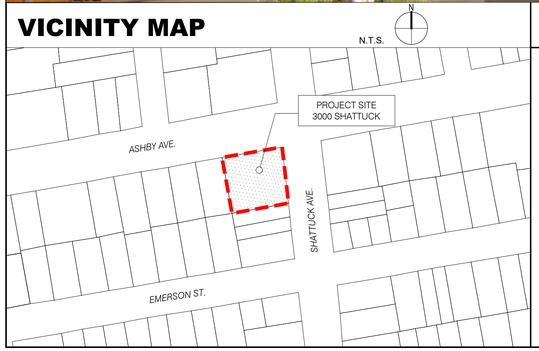
All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		
Sample/Temp Blank temperature	Temp: 4°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
UCMR Samples:			
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☑

Comments:

Appendix D

Site Plans

VICINITY MAP



PROJECT DIRECTORY

PROJECT SPONSOR:
3000 Shattuck Avenue, LLC
NX Ventures, LLC
1958A University Ave
Berkeley, CA 94704

ARCHITECT:
Isaiah Stackhouse, Principal
TRACHTENBERG ARCHITECTS
2421 Fourth Street
Berkeley, CA 94710
510.649.1414
www.trachtenbergarch.com

LANDSCAPE ARCHITECT:
Penn Phillips
INSIDEOUT DESIGN
6000 Harwood Avenue
Oakland CA 94618
510.655.7674
www.aboutinsideout.com

PROJECT DESCRIPTION

PROJECT ADDRESS: 3000 Shattuck
Berkeley, CA 94705 (APN: 053 159200100)

SCOPE OF WORK:

REMOVAL OF EXISTING 1 STORY COMMERCIAL STRUCTURE & CONSTRUCTION OF A NEW 9-STORY MIXED-USE BUILDING WITH 156-DWELLING UNITS, GROUND LEVEL LOBBIES AND COMMERCIAL SPACE WITH STATE OF CALIFORNIA DENSITY BONUS.

ZONING CODE SUMMARY

(BASED ON THE BERKELEY MUNICIPAL ZONING CODE)

ZONING: C-SA

SEE SHEET A0.1 FOR COMPLETE ZONING DATA

DRAWING LIST

A0.0	GENERAL INFORMATION	A3.5	STREETSCAPE ELEVATIONS
A0.1	ZONING INFORMATION & DIAGRAMS	A3.6	PHOTO CONTEXT VIEWS
A0.3A	DENSITY BONUS DIAGRAMS	A3.7	PHOTO CONTEXT VIEWS
A0.3B	DENSITY BONUS CALCULATIONS	A3.8	PERSPECTIVE VIEWS
A0.4A	SHADOW STUDIES	A3.9	PERSPECTIVE VIEWS
A0.4B	SHADOW STUDIES	A3.10	PERSPECTIVE VIEWS
A0.4C	SHADOW STUDIES	A3.11	PERSPECTIVE VIEWS
A0.5	SITE CONTEXT PHOTOS	A3.12	PERSPECTIVE VIEWS
A0.6	VICINITY MAP	MAT	MATERIAL BOARD
A1.1	SITE SURVEY	A4.1	BUILDING SECTION
A2.1	FLOOR PLANS	A5.1	CONCEPTUAL GRADING PLAN
A2.2	FLOOR PLANS	L1.0	GROUND LEVEL LANDSCAPE PLAN
A2.3	FLOOR PLANS	L1.1	ROOF DECK LANDSCAPE PLAN
A3.1	BUILDING ELEVATIONS	L2.0	LANDSCAPE IMAGERY
A3.2	BUILDING ELEVATIONS	I1.0	GROUND LEVEL IRRIGATION PLAN
A3.3	BUILDING ELEVATIONS	I1.1	ROOF DECK IRRIGATION PLAN
A3.4	BUILDING ELEVATIONS	I1.2	IRRIGATION NOTES AND LEGENDS
		I1.6	IRRIGATION DETAILS AND WELO

TRACHTENBERG ARCHITECTS

2421 Fourth Street
Berkeley, California 94710
510.649.1414
www.TrachtenbergArch.com

3000 SHATTUCK

3000 Shattuck Ave
Berkeley, CA

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JOB: 2104

SHEET:

GENERAL INFORMATION

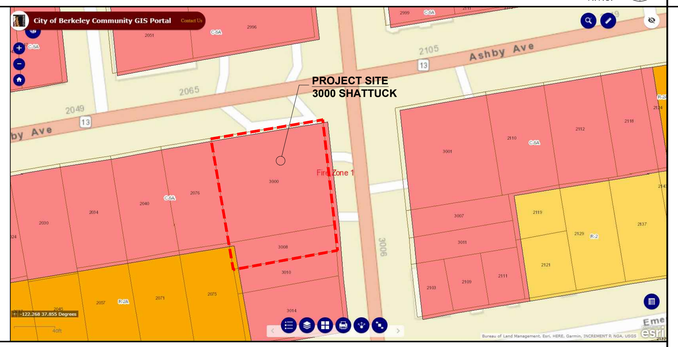
A0.0

Xref \2120 - Titleblock 24 x36.dwg

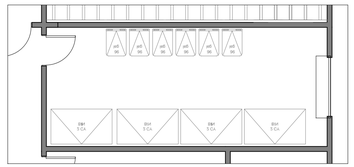
ZONING MAP

N

N.T.S.



REFUSE AND RECYCLING

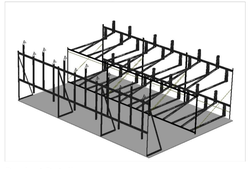


Waste and Recycling Calculation								
# of Bedrooms	Factor	Occupants	Total cuft required (.25cy or 50 gallons / 3		Waste (40%)		Recycling (40%)	Organics (20%)
166	1.00	166	13.83 cy	2,767 gal	5.53 cuft	1,107 gal	1,107 gal	553 gal
Space Calculation	Container Quanities			Space Required			150% Additional	
	Waste	Recycling	Organics	Factor/container		Space/ Container	Required	Provided
3 cy bin (606 gal)	2	2		28 sf		112 sf		
96 gallon cart			6	7 sf		42 sf		
64 gallon cart				6 sf		sf		
Total capacity	1212 gal	1212 gal	576 gal			154 sf	231 sf	348 SF

LONG TERM BIKE PARKING

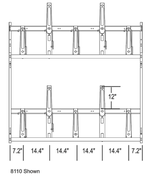
Stretch Rack

Recommended Spacing

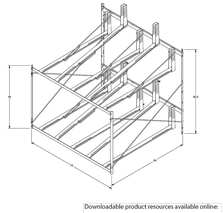


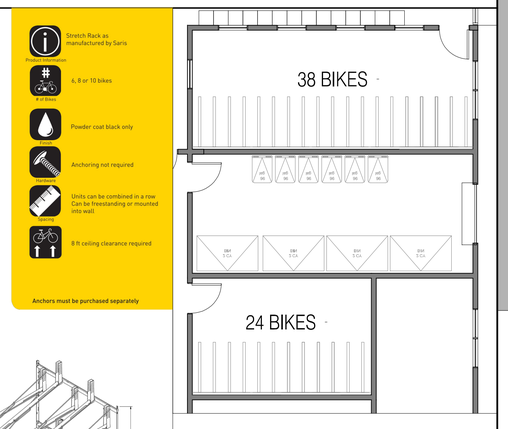
Product Details

- Modular construction allows for easy expansion, side by side or back to back
- Staggered bike position saves space and eases clearance between bikes
- Can be combined with vertical racks for full bike room layout
- Does not require anchoring (wall or floor)
- Bolt together design



8110 Shown



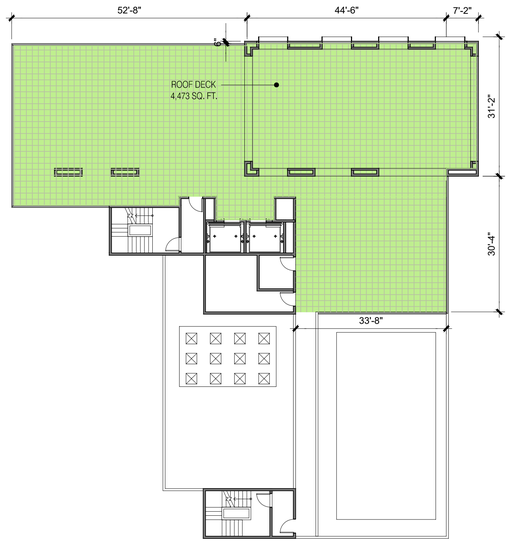


Downloadable product resources available online

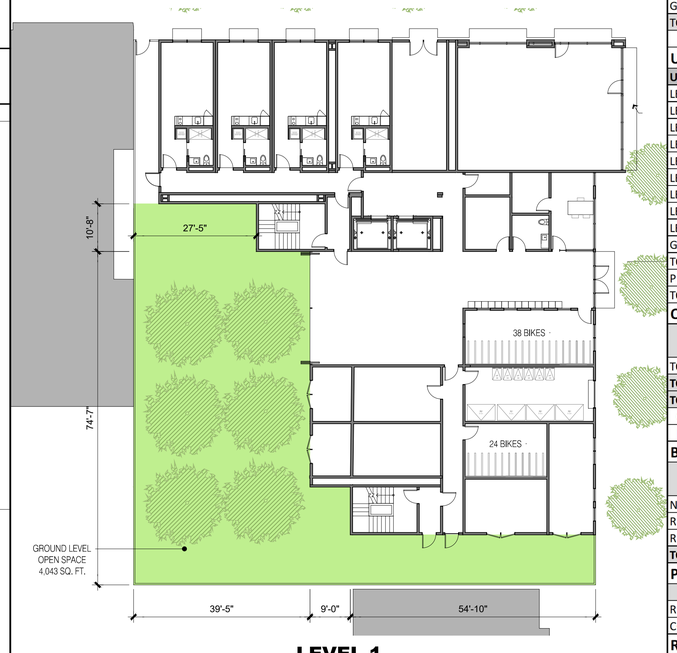
CAD Files · SketchUp Files · Written Specs · Photos

Saris Bicycle Parking & Storage Solutions 800.783.7257 x174 www.sarisparking.com

OPEN SPACE DIAGRAMS



ROOF LEVEL



LEVEL 1

ZONING CODE DATA

CITY OF BERKELEY ZONING TABULATIONS

	PROPOSED	PERMITTED/ REQUIRED	ALLOWABLE W/ DENSITY BONUS	
NUMBER OF DWELLING UNITS	166	N/A	N/A	
COMMERCIAL AREA	1,095	N/A	N/A	
PARKING	SEE TABLE	SEE TABLE	SEE TABLE	
BIKE PARKING	62	61	N/A	
FRONT YARD SETBACK (ASHBY)	3'-0"	15'	0 **	
STREET SIDE YARD SETBACK (SHATTUCK)	VARIES; 0' TO 7'-0"	VARIES; 6' TO 15'	0 **	
SIDE YARD SETBACK	VARIES; 5'-8" TO 39'-5"	VARIES; 4' TO 12'	0 **	
REAR YARD SETBACK	VARIES; 11'-3" TO 85'-2"	15'	0 **	
BUILDING HEIGHT	113'-10" **	65'	113'-10" **	
BUILDING STORIES	10	6	10 **	
LOT AREA	13,561	13,561	13,561	
LOT AREA (ACRES)	0.31	0.31	0.31	
GROSS FLOOR AREA (SEE TABLE)	81,330	N/A	81,366	
BUILDING FOOTPRINT	8,502	13,561	13,561	
LOT COVERAGE	63%	100%	100%	
USABLE OPEN SPACE (SEE TABLE)	SEE TABLE	SEE TABLE	SEE TABLE	
PROJECT FAR	6.0	4.0	6.0 **	
** Via Density Bonus Waiver				

FAR CALCULATIONS

		BASE PROJECT ALLOWABLE	ALLOWABLE W/ DENSITY BONUS	PROPOSED W/ DENSITY BONUS
SITE AREA		13,561	13,561	13,561
FAR		4.00	6.00	6.00
FLOOR AREA		54,244	81,366	81,330

PROPOSED FLOOR AREA WITH DENSITY BONUS

	COMMERCIAL	RESIDENTIAL	TOTAL	
LEVEL 10		8,092	8,092	
LEVEL 9		8,092	8,092	
LEVEL 8		8,092	8,092	
LEVEL 7		8,092	8,092	
LEVEL 6		8,092	8,092	
LEVEL 5		8,092	8,092	
LEVEL 4		8,092	8,092	
LEVEL 3		8,092	8,092	
LEVEL 2		8,092	8,092	
GROUND LEVEL (EXCLUDES PARKING)	1,095	7,407	8,502	
TOTAL FLOOR AREA W/ DENSITY BONUS	1,095	80,235	81,330	
FAR (FLOOR AREA RATIO)			6.0	

UNIT COUNTS

UNIT TYPE	STUDIO	TOTAL		
LEVEL 10	18	18		
LEVEL 9	18	18		
LEVEL 8	18	18		
LEVEL 7	18	18		
LEVEL 6	18	18		
LEVEL 5	18	18		
LEVEL 4	18	18		
LEVEL 3	18	18		
LEVEL 2	18	18		
GROUND LEVEL	4	4		
TOTAL	166	166		
PERCENT OF TOTAL	100%			
TOTAL BEDROOM COUNT	166	166		

OPEN SPACE TABLE

	UNITS	RATIO	TOTAL	LANDSCAPE AREA (40%)
TOTAL UNITS	166	40	6,640	
TOTAL REQUIRED			6,640	
TOTAL AREA PROVIDED			8,516	3,406
GROUND LEVEL OPEN SPACE			4,043	
ROOF DECK			4,473	

BICYCLE PARKING CALCULATIONS

	UNITS/SF	SPACES PER BEDROOM/SF	TOTAL REQ	PROVIDED
NEW COMMERCIAL	1,095	1/2000	1	2
RESIDENTIAL (LONG TERM)	166	0.33	55	55
RESIDENTIAL (SHORT TERM)	166	0.025	5	5
TOTAL PARKING			**61**	**62**

PARKING TABLE

	UNITS/SF	MIN.	REQUIRED	PROPOSED
RESIDENTIAL	166	0	0	0
COMMERCIAL (1ST 1,000 SF EXEMPT)	95	2/1000 SF	0	0

ROOFTOP ARCHITECTURAL ELEMENTS CALCS

AVERAGE AREA	8160
TOTAL AREA OF ROOFTOP ELEMENTS	781
% AREA OF ROOFTOP ARCH. FEATURES	9.6%

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JOB: 2104

SHEET:

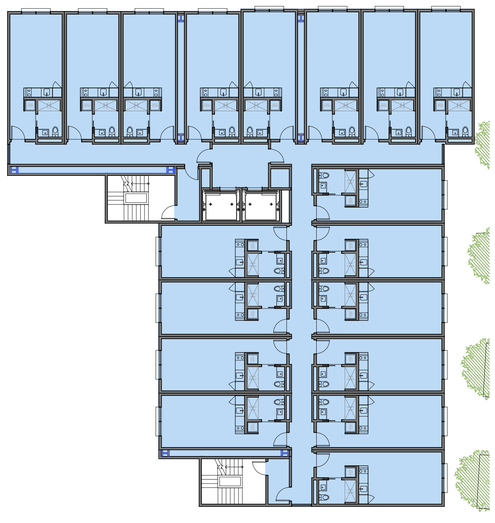
ZONING DATA

A0.1

DENSITY BONUS DIAGRAM AREA KEY

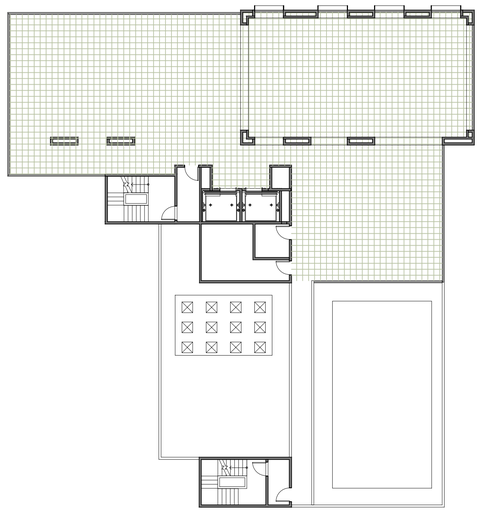
RESIDENTIAL AREA

COMMERCIAL AREA

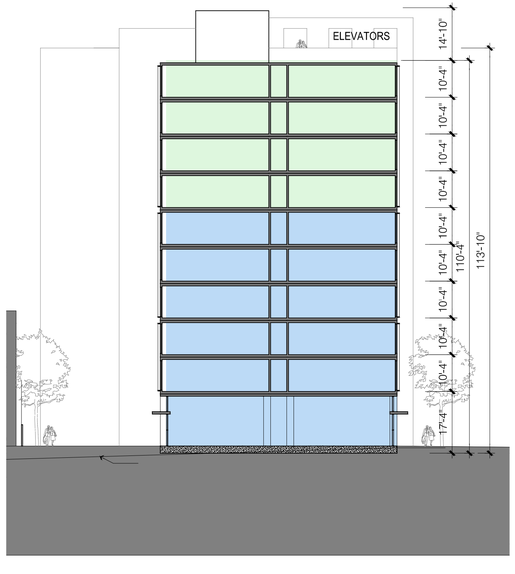


PLAN AT LEVELS 2-10

PLAN AT GROUND



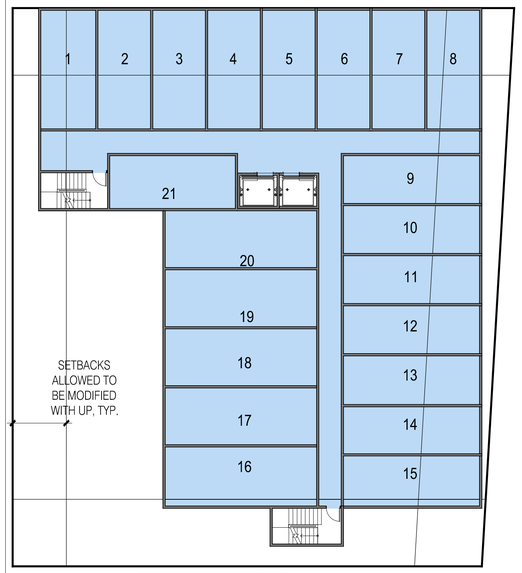
PLAN AT ROOF



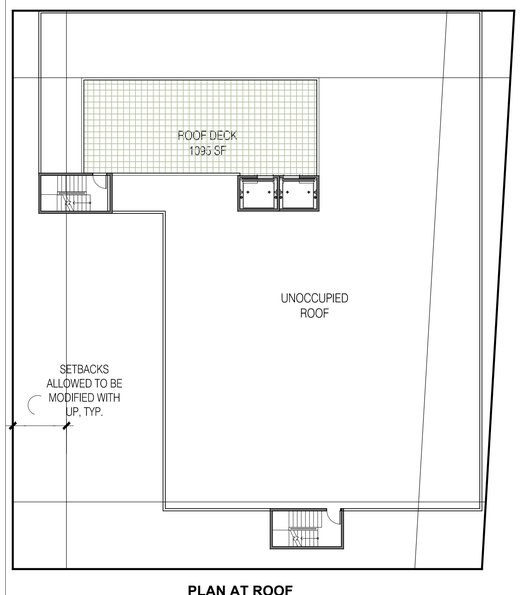
PROPOSED DENSITY BONUS PROJECT

ZONING COMPLIANCE TABLE

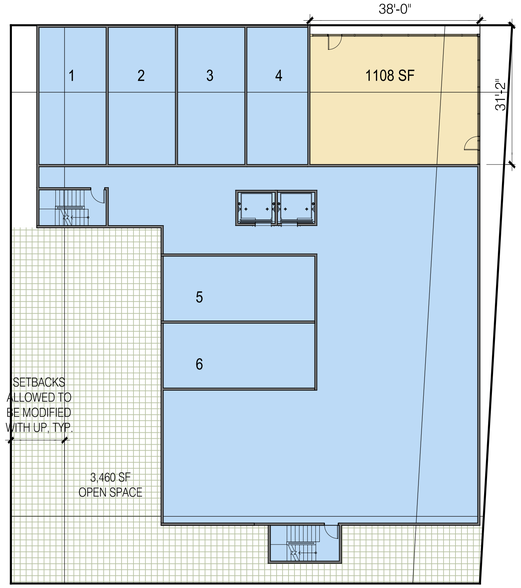
	ALLOWABLE BASE PROJECT W/ AVAILABLE USE PERMITS					PROPOSED DENSITY BONUS PROJECT	
	UNMODIFIED REQUIREMENT	ALLOWABLE MODIFICATION	CODE SECTION	TYPE	UP #	PROPOSED	COMPLAINCE CHECK
FRONT YARD SETBACK (ASHBY)	15'	0'	BMC 23.204.100.D.2	UP		3'-0"	COMPLIES W/ DENSITY BONUS WAIVER
STREET SIDE YARD SETBACK (SHATTUCK)	VARIES 6' TO 15'	0'	BMC 23.204.100.D.2	UP		VARIES 0' TO 7'-0"	COMPLIES W/ DENSITY BONUS WAIVER
SIDE YARD SETBACK	VARIES 4' TO 12'	0'	BMC 23.204.100.D.2	UP		VARIES 5'-8" TO 39'-5"	COMPLIES W/ DENSITY BONUS WAIVER
REAR YARD SETBACK	15'	0'	BMC 23.204.100.D.2	UP	1	VARIES 11'-3" TO 85'-2"	COMPLIES W/ DENSITY BONUS WAIVER
BUILDING HEIGHT	36	NOT LIMITED	BMC 23.204.100.D.2	UP	2	113'-10"	COMPLIES W/ DENSITY BONUS WAIVER
BUILDING STORIES	3	NOT LIMITED	BMC 23.204.100.D.2	UP	3	10	COMPLIES W/ DENSITY BONUS WAIVER
LOT COVERAGE	VARIES 50% TO 40%	NOT LIMITED	BMC 23.204.100.D.2	UP	4	68%	COMPLIES W/ DENSITY BONUS WAIVER
USABLE OPEN SPACE	4440	NOT MODIFIABLE W/ UP				8516	COMPLIES
PROJECT FAR	4	NOT MODIFIABLE W/ UP				5.85	COMPLIES W/ DENSITY BONUS WAIVER



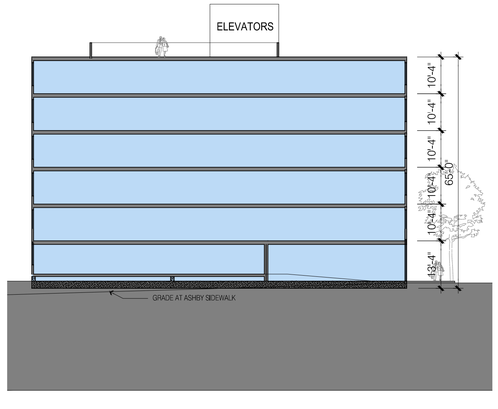
PLAN AT LEVELS 2-6



PLAN AT ROOF



PLAN AT GROUND



BASE PROJECT

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DENSITY BONUS DIAGRAMS

A0.3A

DENSITY BONUS TABLE

	Base Project	Base	Base # Units	% VLI units	# VLI Units	#VLI Units	Bonus %	# DB Units	# DB Units	Maximum DB Project
	sq. ft. - see calculation below	base project area / base avg. unit size	Base Units/Max. Residential Density (rounds up)	VLI = Very Low Income <50 AMI	% VLI x Base # Units			%Bonus x Base # Units	%Bonus x Base # Units (rounded up)	%Bonus x Base # Units (rounded up)
	53,118	111	111	15%	16.65	17.00	50.0%	55.5000	56	167

	Base Project Res. Area	Floor	Proposed Project Res. Area
		Tenth	8,092
		Ninth	8,092
		Eighth	8,092
		Seventh	8,092
	8,985	Sixth	8,092
	8,985	Fifth	8,092
	8,985	Fourth	8,092
	8,985	Third	8,092
	8,985	Second	8,092
	8,193	Ground	7,407
Total Floor Area:	**53,118**		**80,235**

#VLI	%VLI	%DB	#DB	#Concessions
6	5%	20.00%	134	1
7	6%	22.50%	136	1
8	7%	25.00%	139	1
9	8%	27.50%	142	1
10	9%	30.00%	145	1
12	10%	32.50%	148	2
13	11%	35.00%	150	2
14	12%	38.75%	155	2
15	13%	42.50%	159	2
16	14%	46.25%	163	2
17	**15%**	**50.00%**	**167**	**3**

	Base Project # of Units	Floor	Proposed Project # of Units
		Tenth	18
		Ninth	18
		Eighth	18
		Seventh	18
	21	Sixth	18
	21	Fifth	18
	21	Fourth	18
	21	Third	18
	21	Second	18
	6	Ground	4
Total Units:	**111**		**166**

BASE PROJECT ZONING COMPLIANCE CHECKS

Base Project - Open Space

	Units	Ratio	Total Area
Total Required for Base Units	111	40	4440
Total Area Provided			4555
Provided Open Space (Ground Floor Open Space)			3460
Provided Open Space (Roof Deck)			1095

Base Project - FAR

	Res. Area	Commercial	Total GFA
GFA	53,118	1108	54,226
Site Area			13,561
FAR			3.999

Base Project - Parking

	Units/SF	Bedrooms	Ratio	Total Req.	Provided
Residential				0	0
Commercial (1,000 exempt)	108	N/A	2/1000 SF	0	0

Base Project -Bicycle Parking

	Units/SF	Bedrooms	Ratio	Total Req.	Provided
New Comm.	1,108		1/2000	2	2
Res. (Long)		111	0.33	37	34
Res (Short)		111	0.025	2	2

Base Project - Stormwater

	Roof Area	%	Required	Provided
Base Units	8,985	4%	359	949

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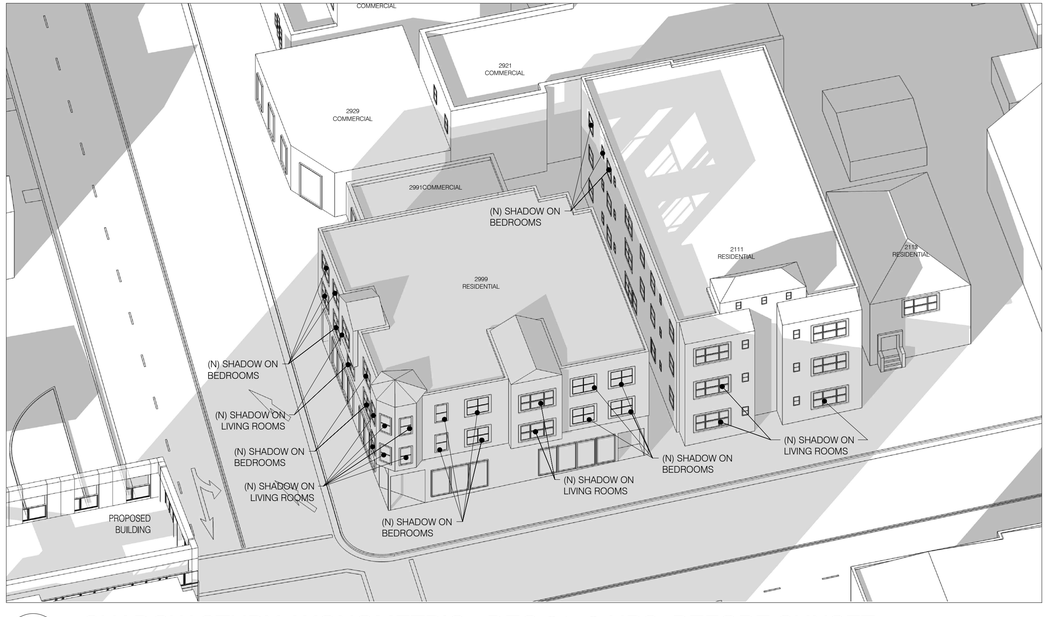
DENSITY BONUS CALCULATIONS

A0.3B

5 SHADOW STUDY AXONOMETRIC - DEC 21: 2-HRS AFTER SUNRISE

NTS



4 SHADOW STUDY AXONOMETRIC - DEC 21: 2-HRS BEFORE SUNSET

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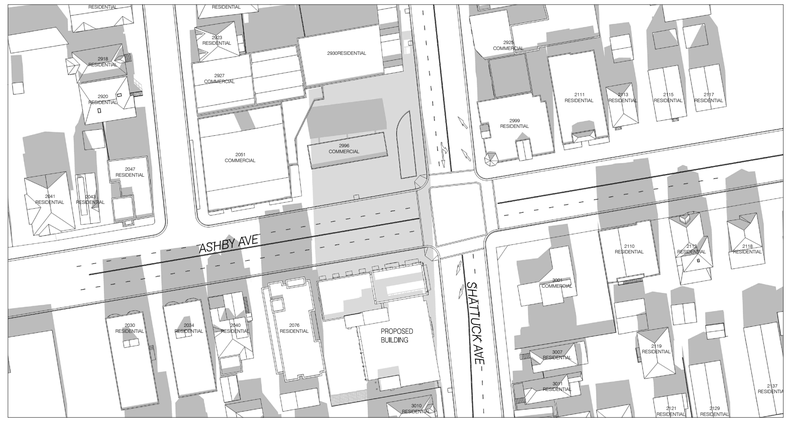

3 SHADOW STUDY - DEC 21: NOON

1:130 @ 11X17 1:65 @ 24X36

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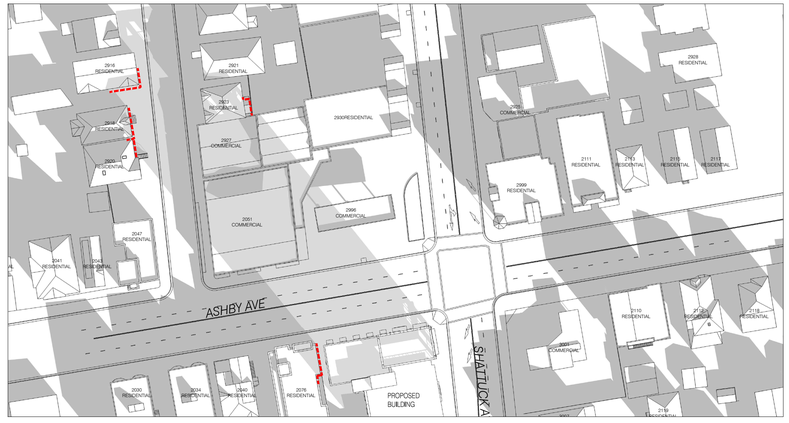

2 SHADOW STUDY - DEC 21: 2 HRS AFTER SUNRISE

1:130 @ 11X17 1:65 @ 24X36

N

1 SHADOW STUDY - DEC 21: 2-HRS BEFORE SUNSET

1:130 @ 11X17 1:65 @ 24X36

N

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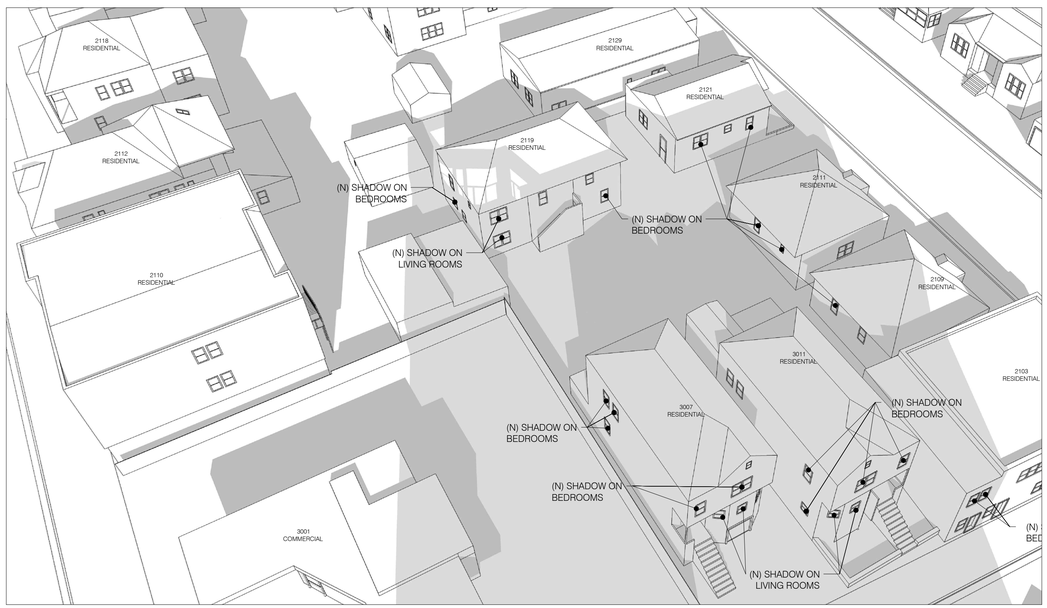
SHADOW STUDIES
DECEMBER 21ST

A0.4A

5 SHADOW STUDY AXONOMETRIC - JUNE 21: 2-HRS AFTER SUNRISE

NTS



4 SHADOW STUDY AXONOMETRIC - JUN 21: 2-HRS BEFORE SUNSET

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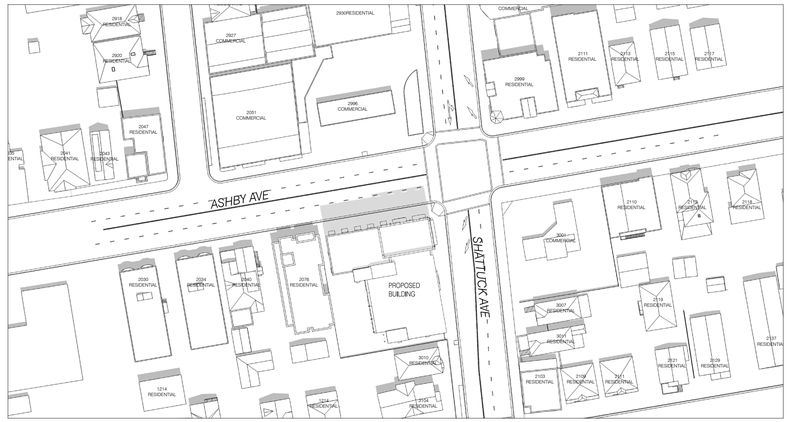

3 SHADOW STUDY - JUNE 21: NOON

1:130 @ 11X17 1:65 @ 24X36

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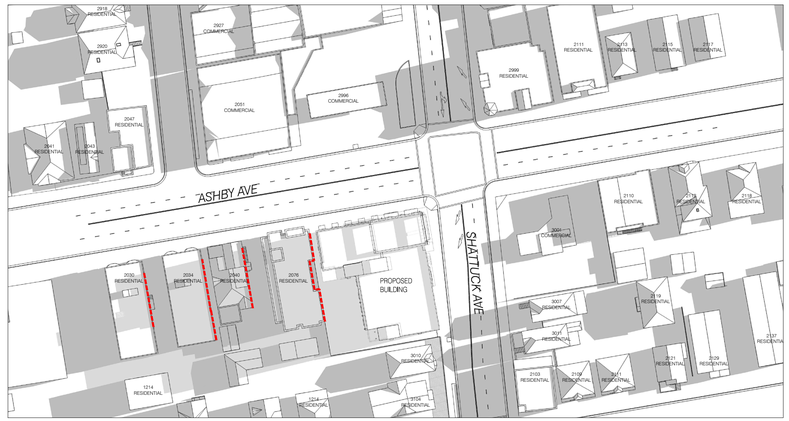

2 SHADOW STUDY - JUNE 21: 2 HRS AFTER SUNRISE

1:130 @ 11X17 1:65 @ 24X36

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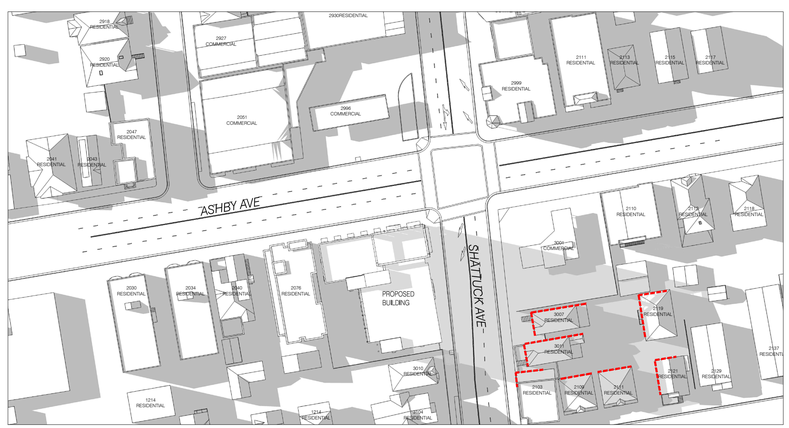

1 SHADOW STUDY - JUNE 21: 2-HRS BEFORE SUNSET

1:130 @ 11X17 1:65 @ 24X36

N

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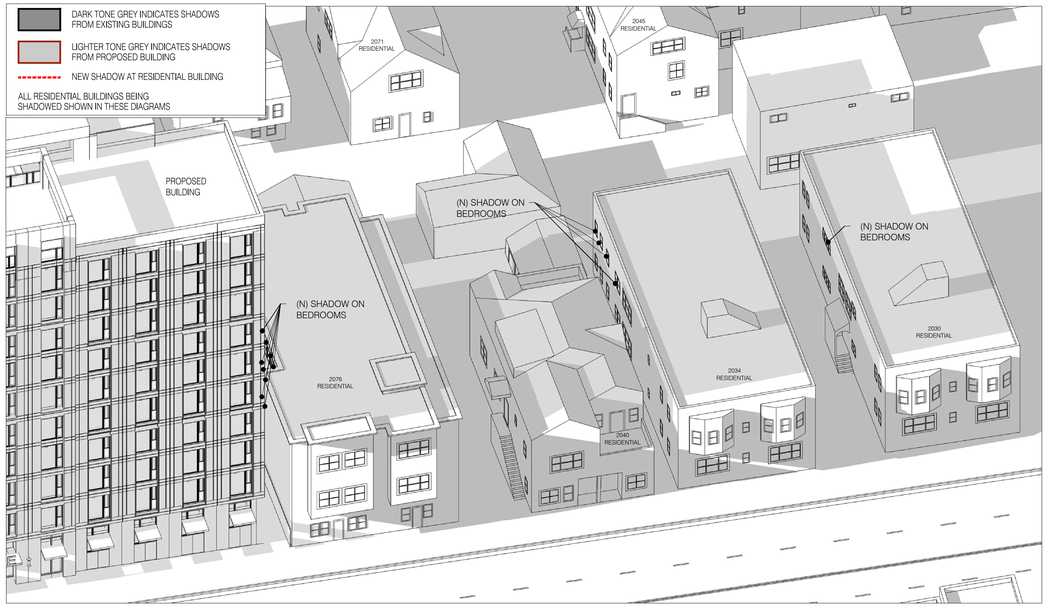
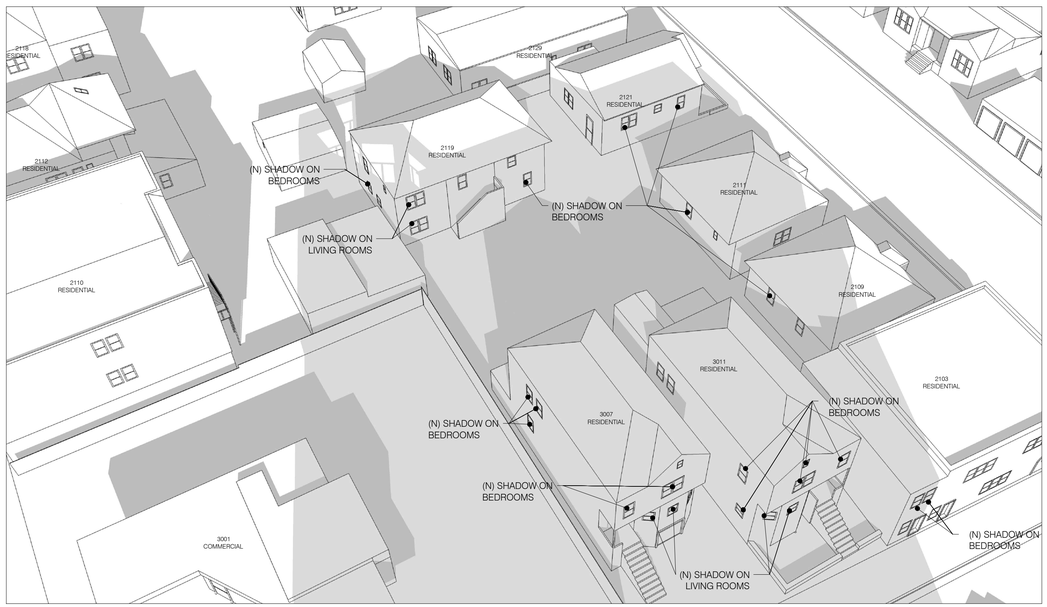
SHADOW STUDIES
JUNE 21ST

A0.4B



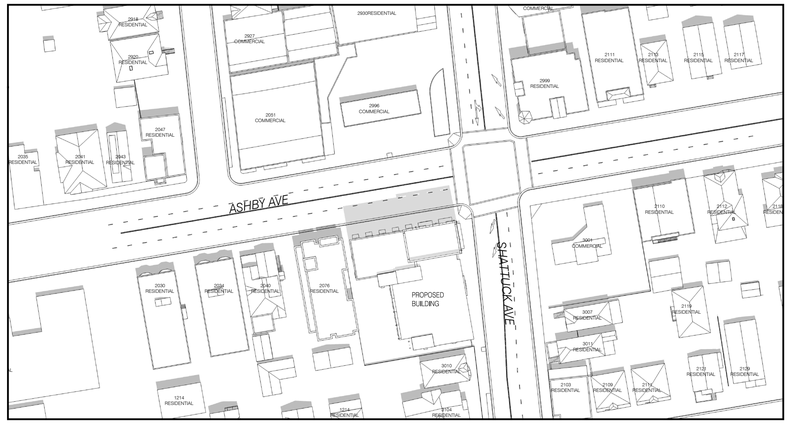
5 SHADOW STUDY AXONOMETRIC - JULY 8: 2 HRS AFTER SUNRISE

1:100 @ 11X17 1:50 @ 24X36



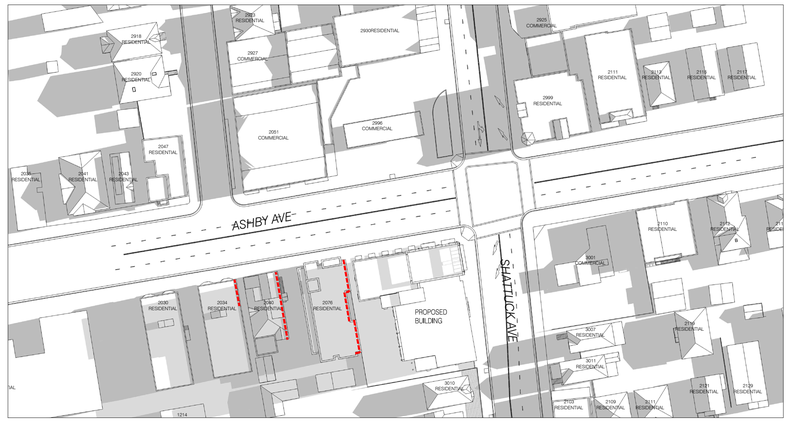
4 SHADOW STUDY AXONOMETRIC - JULY 8: 2-HRS BEFORE SUNSET

NTS



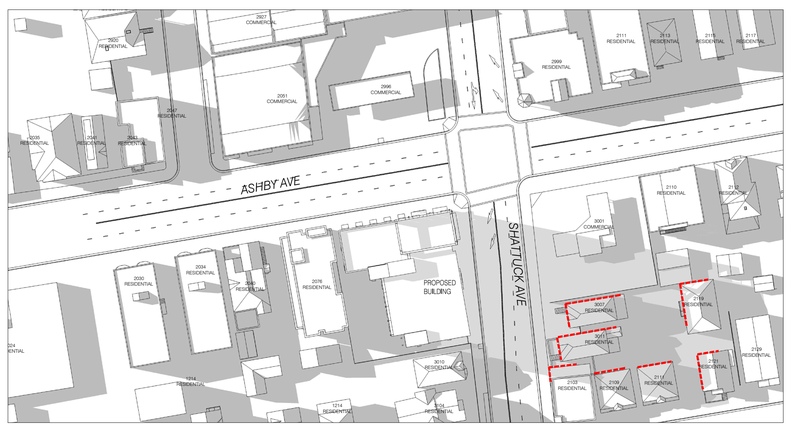
3 SHADOW STUDY - JULY 8: NOON

1:130 @ 11X17 1:65 @ 24X36



2 SHADOW STUDY - JULY 8: 2 HRS AFTER SUNRISE

1:130 @ 11X17 1:65 @ 24X36



1 SHADOW STUDY - JULY 8: 2-HRS BEFORE SUNSET

1:130 @ 11X17 1:65 @ 24X36

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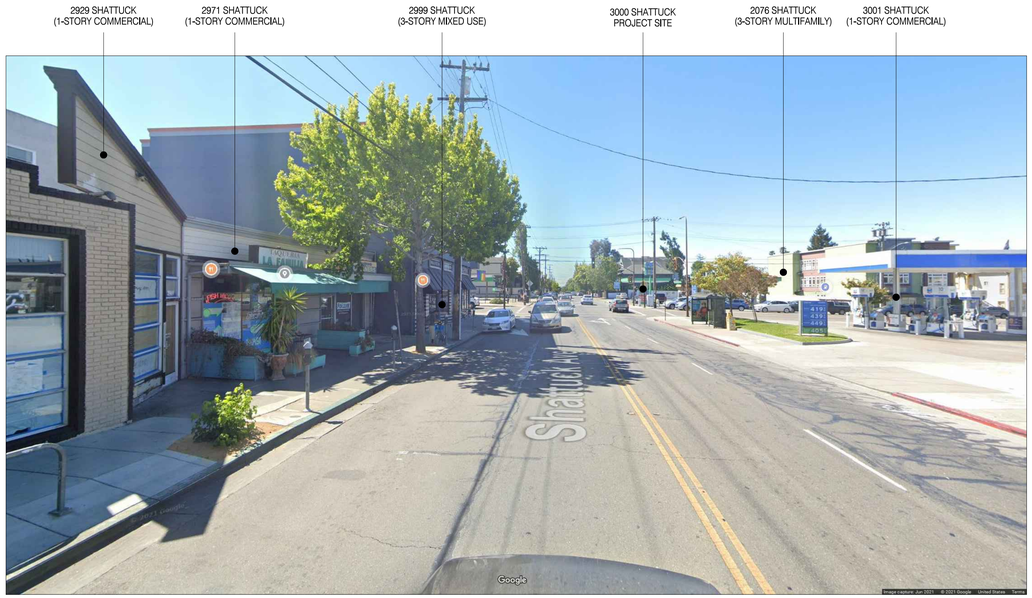
SHADOW STUDIES
JULY 8TH

A0.4C



4
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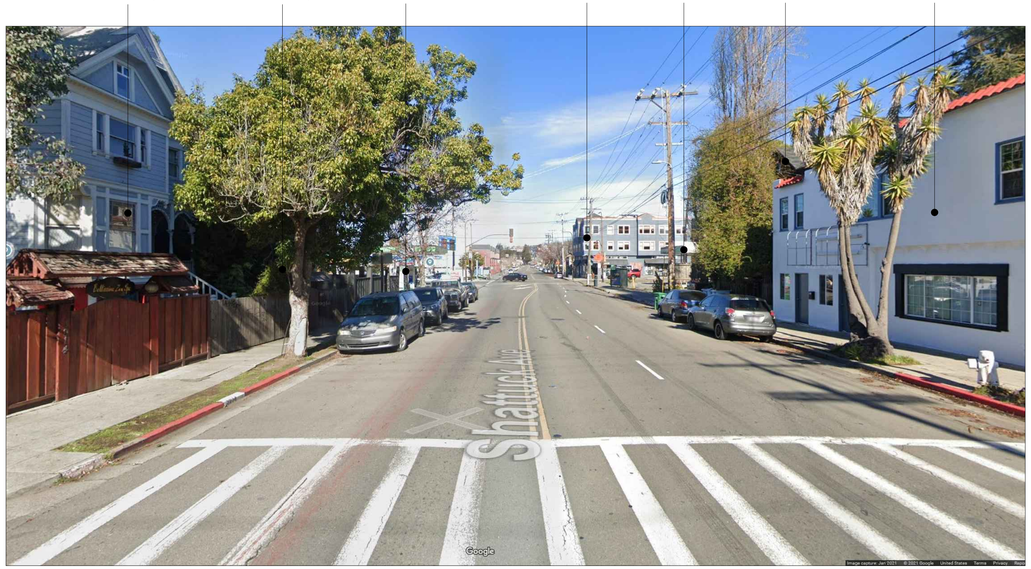
VIEW FROM SHATTUCK LOOKING SOUTH

2
-

VIEW FROM ASHBY LOOKING WEST



3
-

VIEW FROM SHATTUCK LOOKING NORTH

1
-

GOOGLE EARTH BIRD'S EYE CONTEXT VIEW

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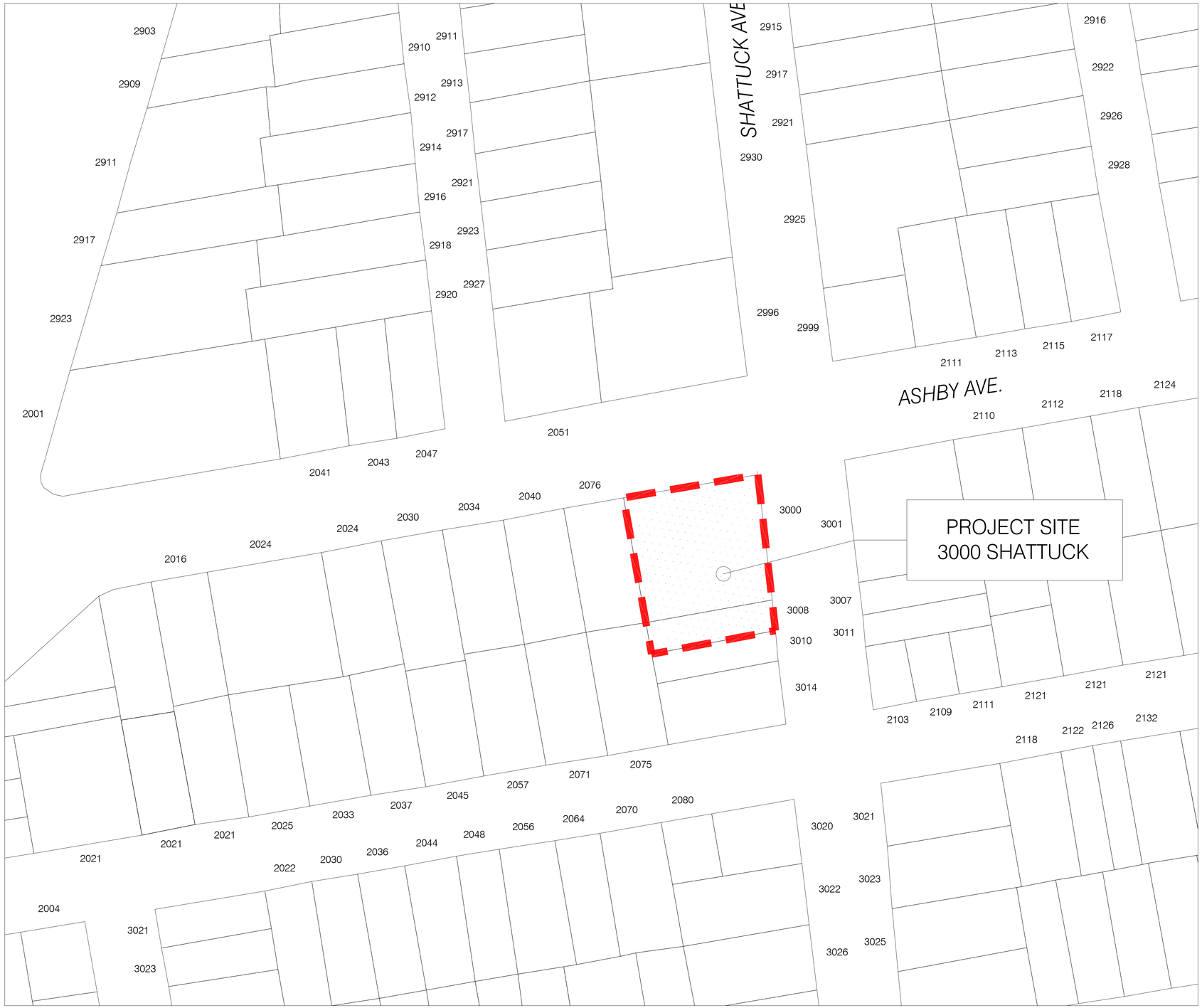
SITE CONTEXT
PHOTOS

A0.5



1 - VICINITY MAP
NTS

N

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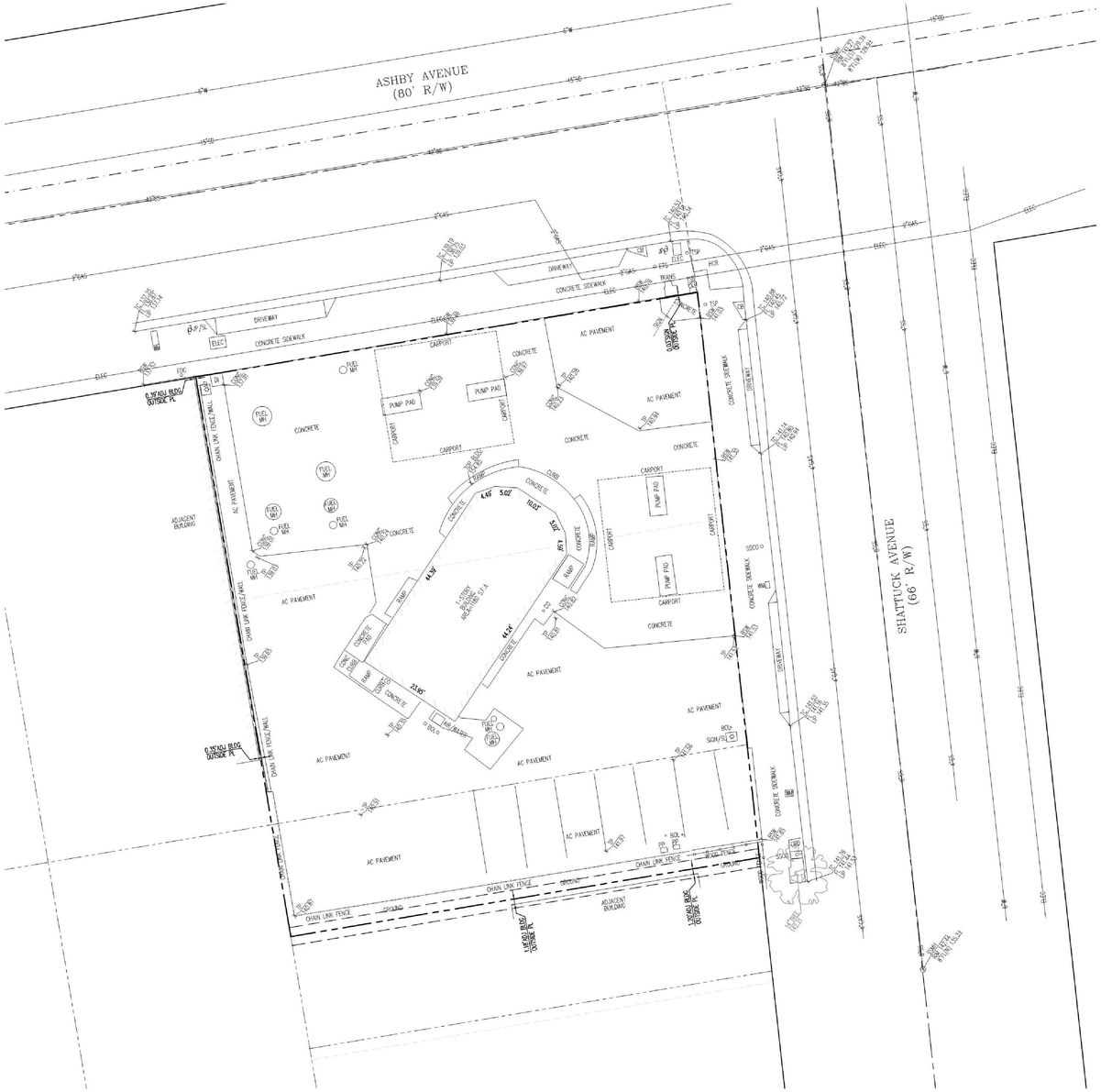
SHEET:

VICINITY MAP

A0.6



LEGEND

SYMBOLS	DESCRIPTION
	BOUNDARY OF SUBJECT PROPERTU
	RIGHT OF WAY LINE
	INTERIOR PROPERTY LINE
	MONUMENT LINE
	CENTERLINE
	TIE LINE
	OLD LOT LINE
	EASEMENT LINE
WM	WATER METER
SSMH	SANITARY SEWER MAN HOLE
JP	JOINT POLE
SL	STREET LIGHT
CB	CATCH BASIN
FDC	FIRE DEPARTMENT CONNECTOR
ELEC	ELECTRIC BOX
ETS	ELECTROLYSIS TEST SYSTEM
DI	DRAIN INLET
TRANS	TRANSFORMER
SSCO	SANITARY SEWER CLEAN OUT
TSP	TRAFFIC SIGNAL POLE
HCR	HANDICAP RAMP
PP	POWER POLE
TSB PED	TRAFFIC SIGNAL BOX PEDESTAL
AC PAVEMENT	ASPHALT CONCRETE
BOL	BOLLARD
FUEL MH	FUEL MAN HOLE
CONC	BOLLARD
GRD	FUEL MAN HOLE
BSW 65.60	BACK OF SIDEWALK ELEVATION
CONC 65.60	TOP OF CONCRETE ELEVATION
LIP 65.60	LIP OF GUTTER ELEVATION
TC 65.64	TOP OF CURB ELEVATION
TP 65.64	TOP OF PAVEMENT ELEVATION
FL 65.64	FLOW LINE ELEVATION
	TREE
SS	SANITARY SEWER LINE
W	WATER LINE
SD	STORM DRAIN LINE
GAS	STORM DRAIN LINE
ELEC	STORM DRAIN LINE

ALTA/NSPS
LAND TITLE SURVEY

OF

3000 SHATTUCK AVENUE
CITY OF BERKELEY, ALAMEDA COUNTY, CALIFORNIA
MARCH 2022

PREPARED BY
LUK AND ASSOCIATES
CIVIL ENGINEER – LAND PLANNERS – LAND SURVEYORS
738 ALFRED NOBEL DRIVE
HERCULES, CALIFORNIA 94547
(510) 724–3388

1 / -

SURVEY / EXISTING CONDITIONS

3/64" = 1'-0" @ 24X36 3/32' = 1'-0" @ 11X17

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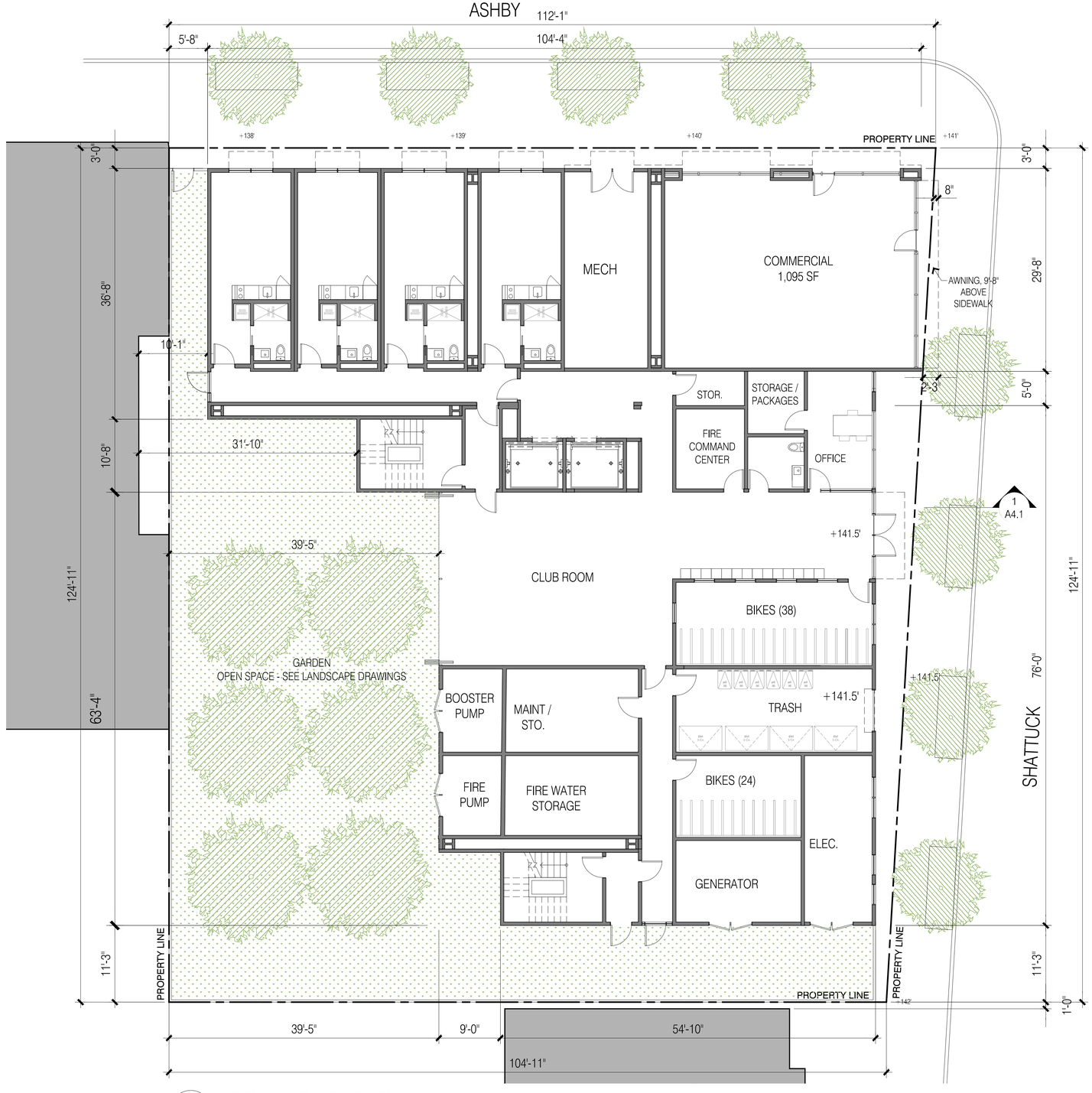
SURVEY /
EXISTING CONDITIONS

A1.1



1 GROUND LEVEL PLAN

1/8" = 1'-0" @ 24X36 1/16' = 1'-0" @ 11X17

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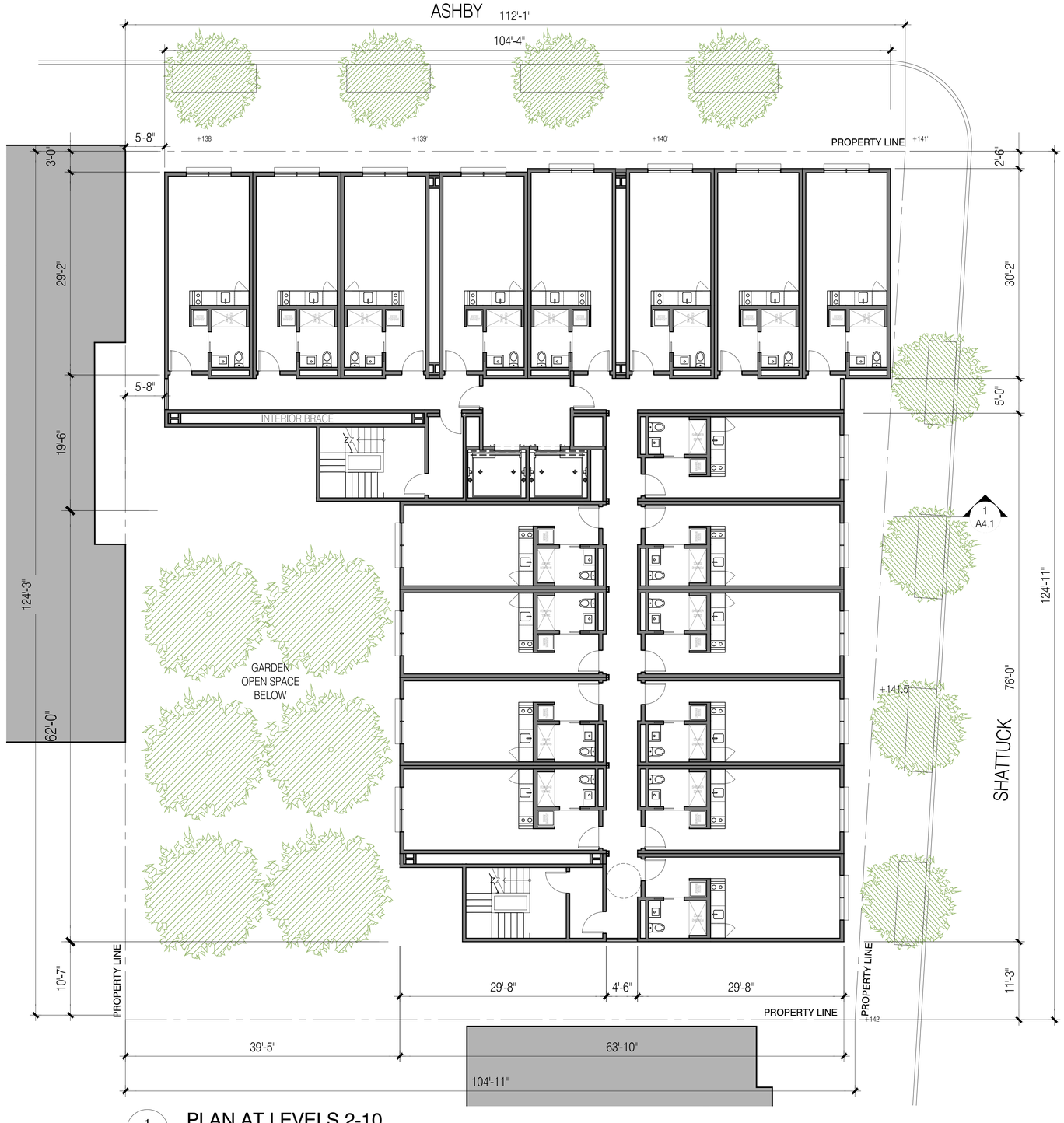
PLAN AT
GROUND LEVEL

A2.1



1 PLAN AT LEVELS 2-10

1/8" = 1'-0" @ 24X36 1/16" = 1'-0" @ 11X17

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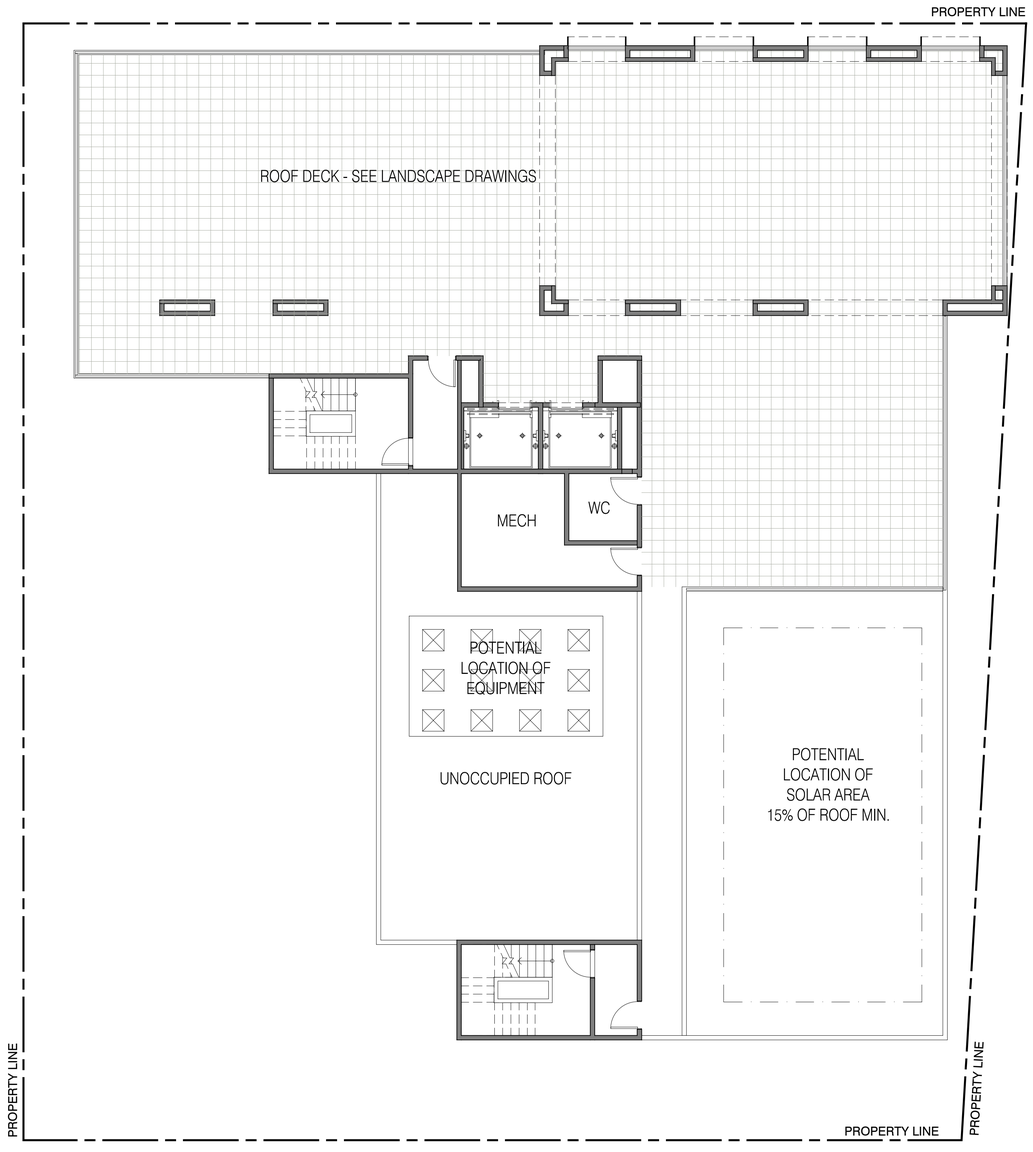
PLAN AT
LEVELS 2-10

A2.2



1 - PLAN AT ROOF DECK LEVEL

1/8" = 1'-0" @ 24X36 1/16" = 1'-0" @ 11X17

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SHEET:

PLAN AT
ROOF DECK LEVEL

A2.3

1 EAST ELEVATION
1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36

0 4 8 16

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JOB: 2104

SHEET:

BUILDING ELEVATIONS

A3.1

1 - NORTH ELEVATION

1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36

0 4 8 16

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JOB: 2104

SHEET:

BUILDING ELEVATIONS

A3.2

1 - WEST ELEVATION

1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36

0 4 8 16

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JOB: 2104

SHEET:

BUILDING ELEVATIONS

A3.3

1 - SOUTH ELEVATION

1/16"=1'-0" @ 11X17 1/8" = 1'-0" @ 24X36

0 4 8 16

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SHEET:

BUILDING ELEVATIONS

A3.4

2 - STREET STRIP ELEVATION @ ASHBY AVENUE

1/32"=1'-0" @ 11X17 1/16" = 1'-0" @ 24X36

0 4 8 16 32

1 - STREET STRIP ELEVATION @ SHATTUCK AVENUE

1/32"=1'-0" @ 11X17 1/16" = 1'-0" @ 24X36

0 4 8 16 32

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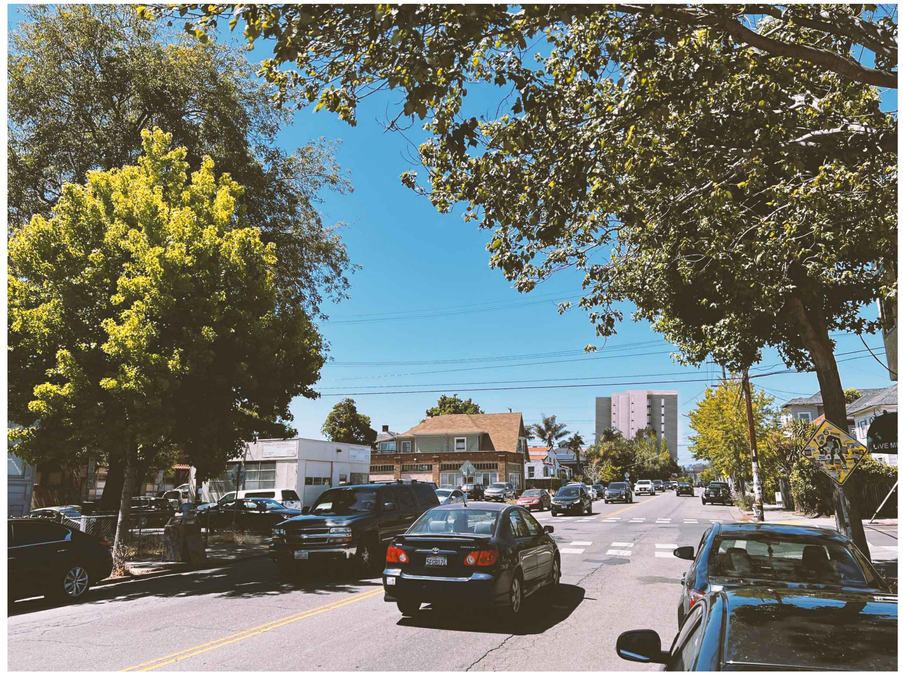
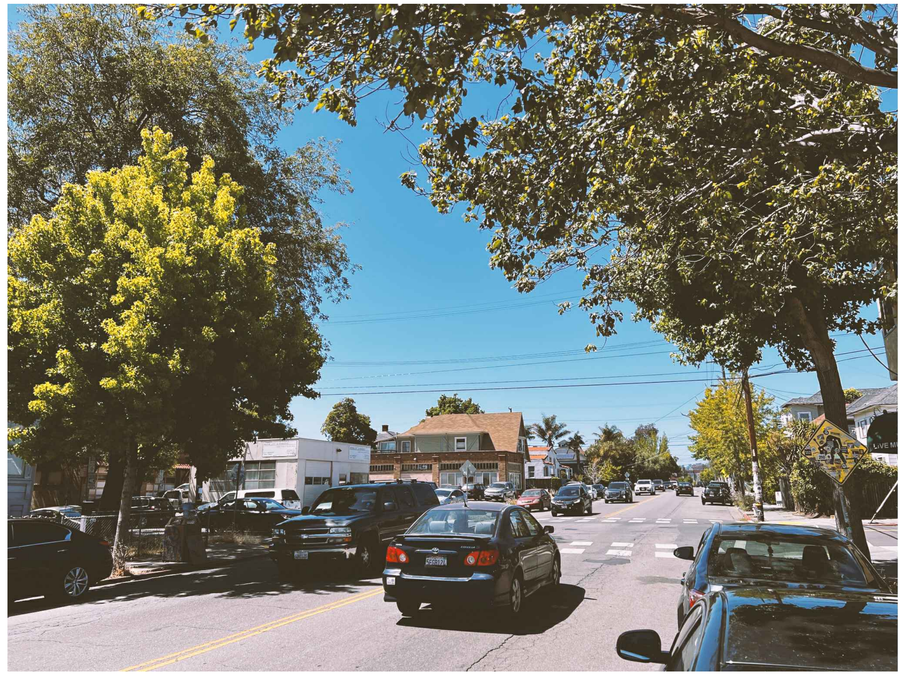
SHEET:

STREET STRIP ELEVATIONS

A3.5



4
-
SHATTUCK LOOKING NORTH - AFTER



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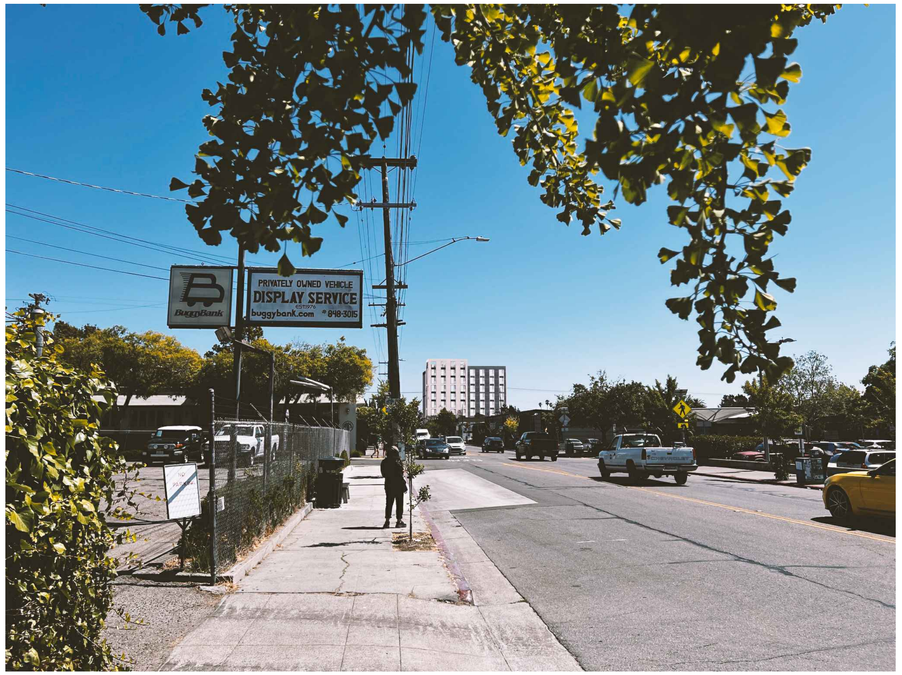

2
-
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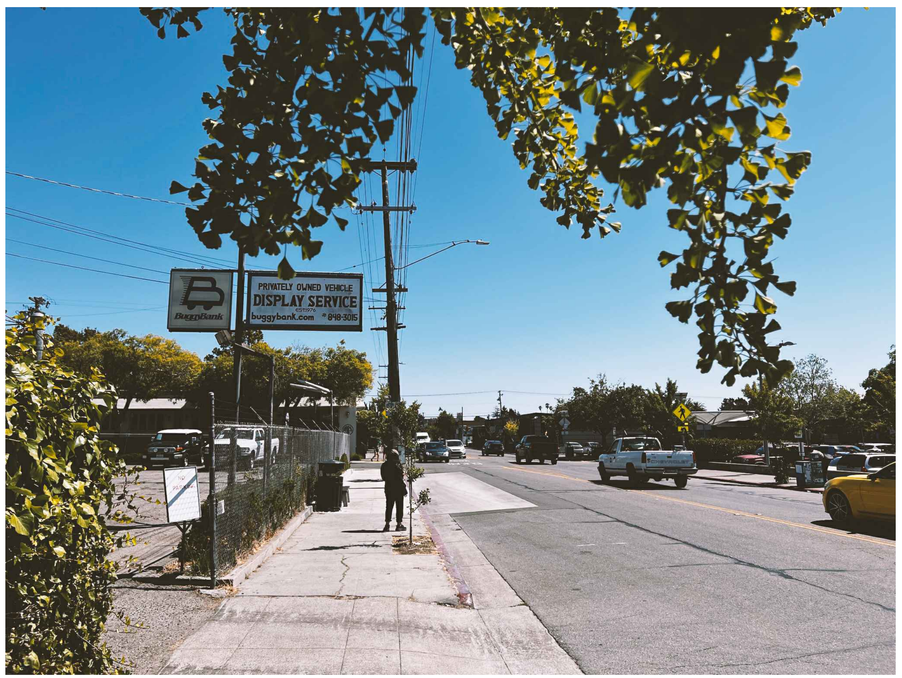

1
-
SHATTUCK LOOKING SOUTH - BEFORE

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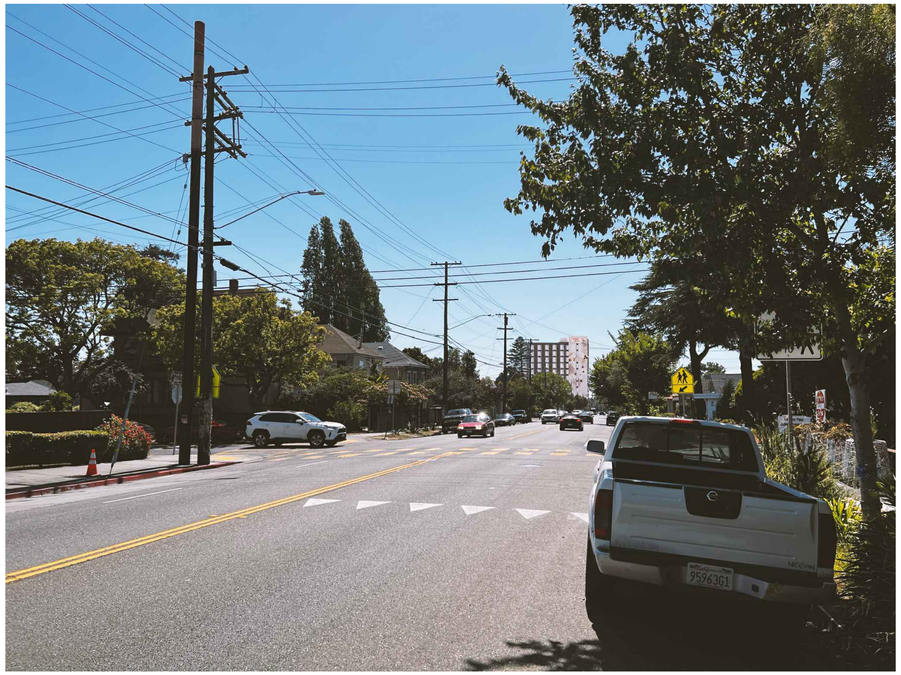
SHEET:

PHOTO CONTEXT VIEWS

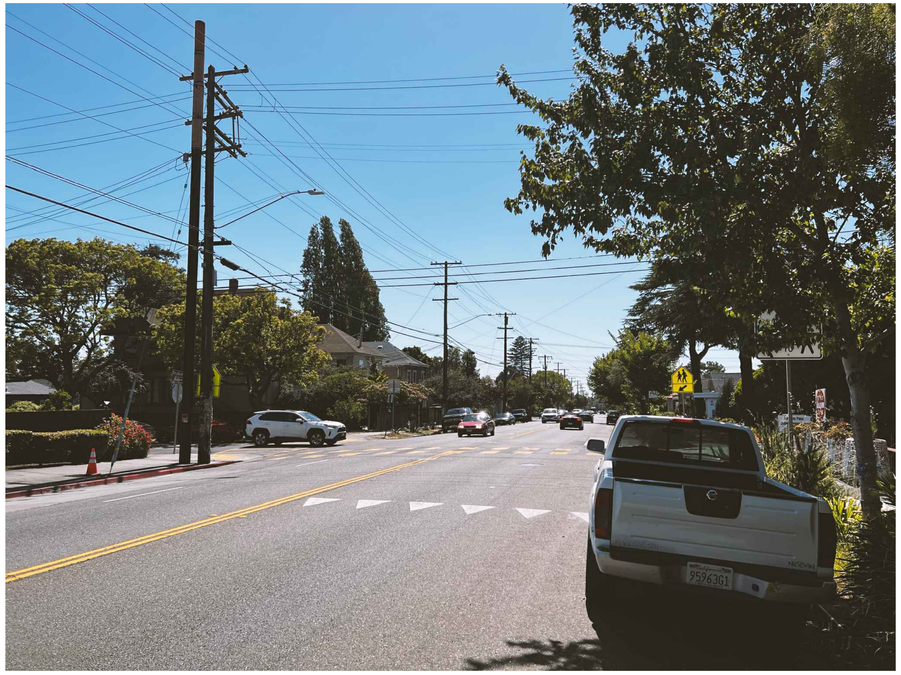
A3.6

4 - ASHBY LOOKING EAST - AFTER



2 - ASHBY LOOKING WEST - AFTER

3 - ASHBY LOOKING EAST - BEFORE



1 - ASHBY LOOKING WEST - BEFORE

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SHEET:

PHOTO CONTEXT VIEWS

A3.7

1 - VIEW ALONG SHATTUCK LOOKING SOUTH WEST

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SHEET:

PERSPECTIVE VIEWS

A3.8

1 - DETAIL AT SIDEWALK LEVEL

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JOB: 2104

SHEET:

PERSPECTIVE VIEWS

A3.9

1
-

VIEW ALONG ASHBY LOOKING SOUTH EAST

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SHEET:

PERSPECTIVE VIEWS

A3.10

1
-

VIEW ALONG ASHBY LOOKING SOUTH WEST

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JOB: 2104

SHEET:

PERSPECTIVE VIEWS

A3.11

1
-

VIEW ALONG SHATTUCK LOOKING NORTH WEST

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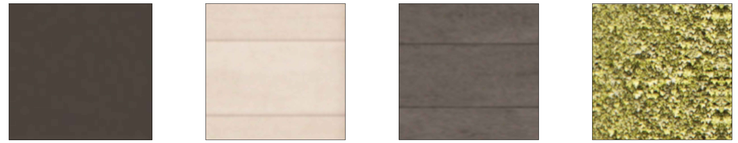
JOB: 2104

SHEET:

PERSPECTIVE VIEWS

A3.12



METAL INFILL PANEL

INSULATED
METAL PANELS

INSULATED
METAL PANELS

CAST -IN-PLACE
CONCRETE

1 - NORTH ELEVATION

3/32"=1'-0" @ 11X17 3/16" = 1'-0" @ 24X36

0 4 8 16

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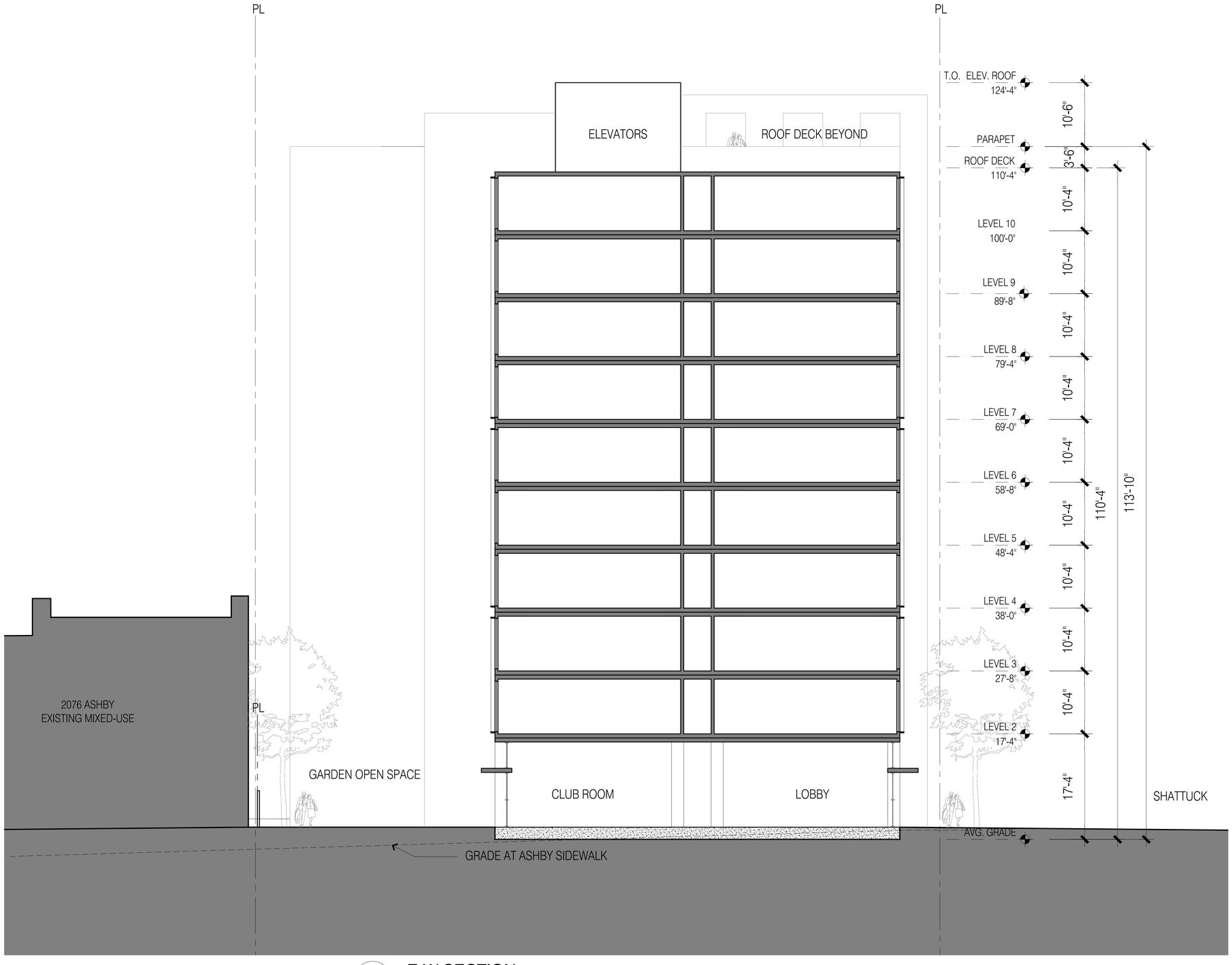
JOB: 2104

SHEET:

BUILDING
MAT

MAT



1 E-W SECTION

1/8" = 1'-0" @ 24X36 1/16" = 1'-0" @ 11X17

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SHEET:

BUILDING SECTION

A4.1

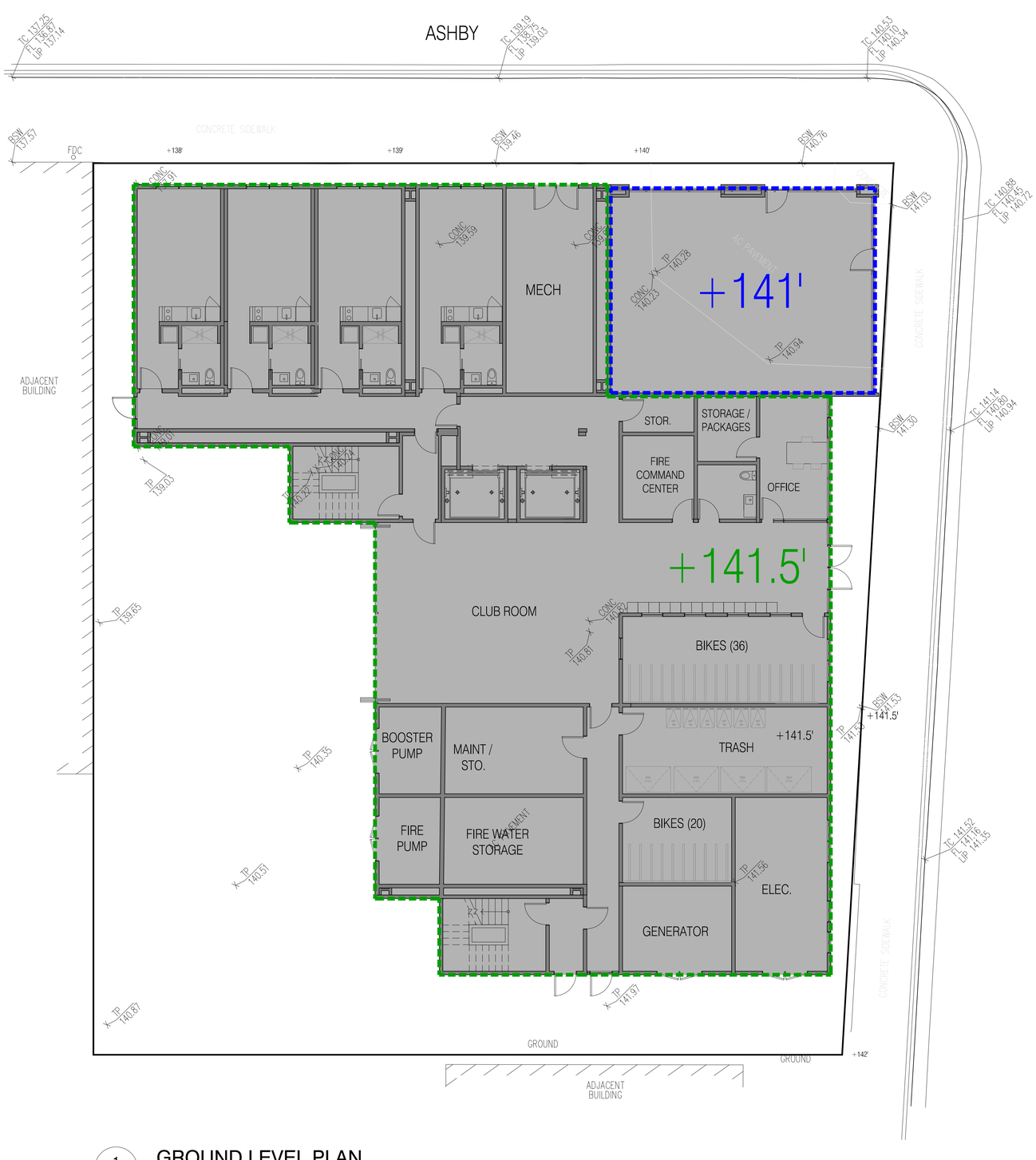
CUT AND FILL CALCULATIONS

	CUT/FILL AREA	AVERAGE CUT/FILL DEPTH (FT)	TOTAL VOLUME (CY)
PROPOSED BUILDING	8,502	2	630

EARTHWORK NOTES:

1. EARTHWORK QUATNITY IS A ROUGH ESTIMATE BASED ON A BUILDING PAD ELEVATION 12" BELOW FF OF GROUND FLOOR LEVEL. QUANTITIES MAY VARY DUE TO FINAL STRUCTURAL FOUNDATIONS AND PAVEMENT THICKNESS.

2. EARTHWORK QUANTITIES DO NOT TAKE INTO ACCOUNT SOIL SHRINKAGE, SOIL SWELLING, TRENCH SPOILS, SITE OVER-EXCAVATION REQUIREMENTS.



1 / - GROUND LEVEL PLAN

1/8" = 1'-0" @ 24X36 1/16' = 1'-0" @ 11X17

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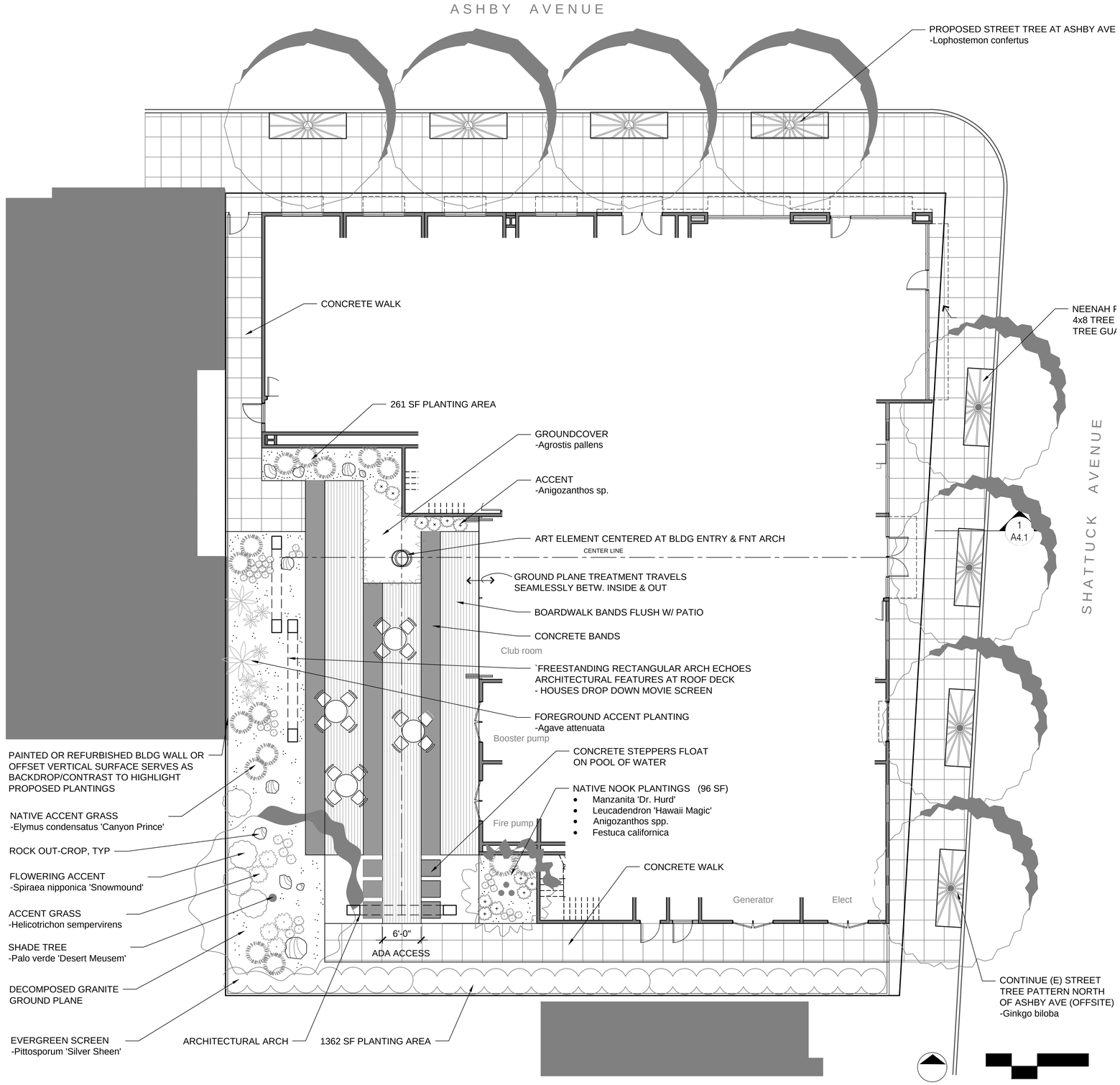
SHEET:

CONCEPTUAL GRADING PLAN

A5.1



NOTE: All street trees shown are new (there are no existing street trees on-site).

PROGRESS
NOT FOR CONSTRUCTION

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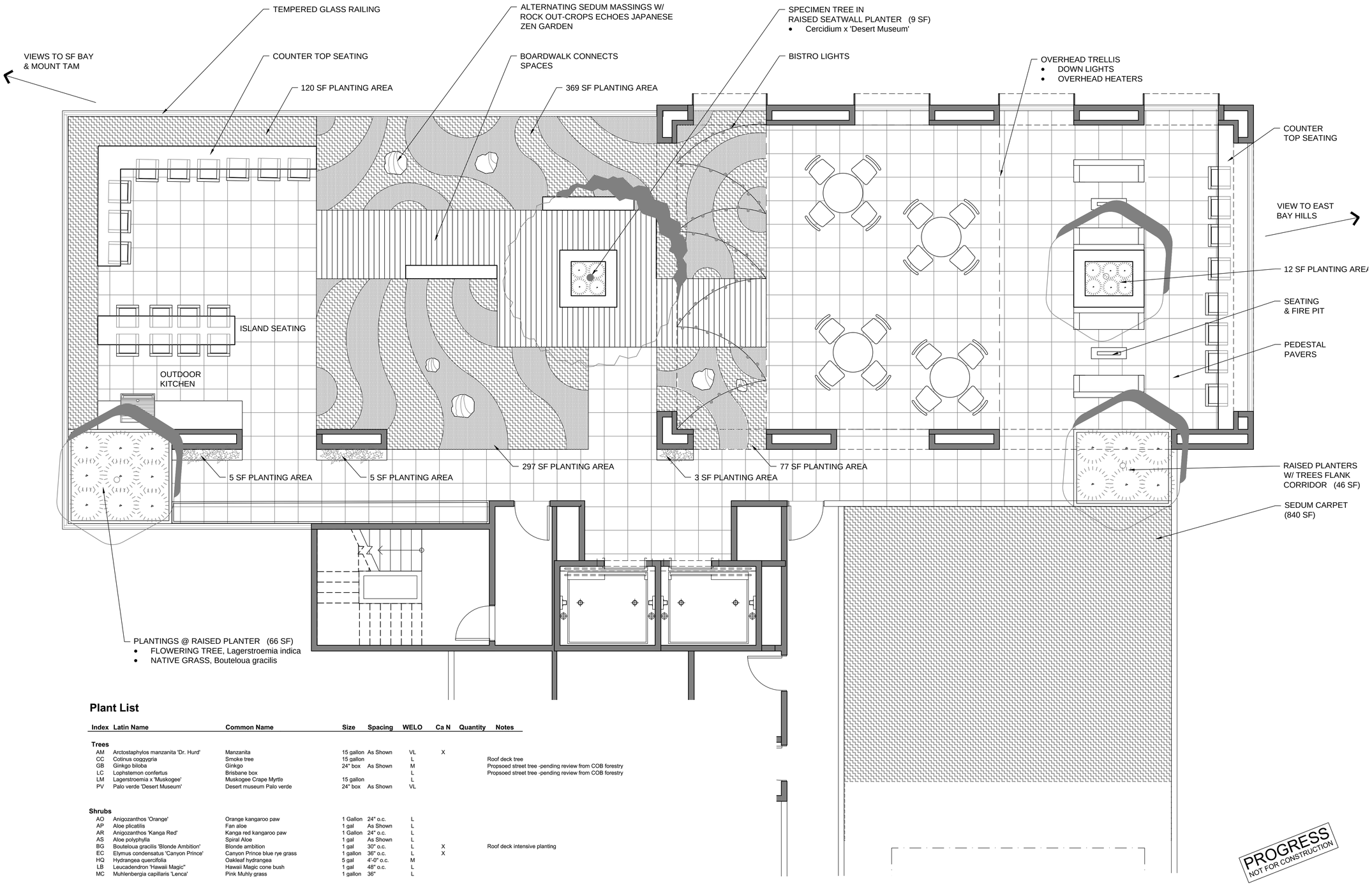
SHEET:

GROUND LEVEL
LANDSCAPE PLAN

L1.0



Plant List

Index	Latin Name	Common Name	Size	Spacing	WELO	Ca N	Quantity	Notes
Trees								
AM	Arctostaphylos manzanita 'Dr. Hurd'	Manzanita	15 gallon	As Shown	VL	X		
CC	Cotinus coggygria	Smoke tree	15 gallon		L			Roof deck tree
GB	Ginkgo biloba	Ginkgo	24" box	As Shown	M			Propsoed street tree -pending review from COB forestry
LC	Lophstemon confertus	Brisbane box			L			Propsoed street tree -pending review from COB forestry
LM	Lagerstroemia x 'Muskogee'	Muskogee Crape Myrtle	15 gallon		L			
PV	Palo verde 'Desert Museum'	Desert museum Palo verde	24" box	As Shown	VL			
Shrubs								
AO	Anigozanthos 'Orange'	Orange kangaroo paw	1 Gallon	24" o.c.	L			
AP	Aloe plicatilis	Fan aloe	1 gal	As Shown	L			
AR	Anigozanthos 'Kanga Red'	Kanga red kangaroo paw	1 Gallon	24" o.c.	L			
AS	Aloe polyphylla	Spiral Aloe	1 gal	As Shown	L			
BG	Bouteloua gracilis 'Blonde Ambition'	Blonde ambition	1 gal	30" o.c.	L	X		Roof deck intensive planting
EC	Elymus condensatus 'Canyon Prince'	Canyon Prince blue rye grass	1 gallon	36" o.c.	L	X		
HQ	Hydrangea quercifolia	Oakleaf hydrangea	5 gal	4'-0" o.c.	M			
LB	Leucadendron 'Hawaii Magic''	Hawaii Magic cone bush	1 gal	48" o.c.	L			
MC	Muhlenbergia capillaris 'Lenca'	Pink Muhly grass	1 gallon	36"	L			
Groundcovers								
AP	Agrostis pallens	California native bent grass	SOD		L	X		
FG	Festuca glauca 'Elijah Blue'	Elijah blue fescue	4" pots	12"	L	X		
HA	Heuchera americana 'Green Spice'	Green Spice Coral Bells	1 Gallon		M	X		
NW	Nepeta 'Walkers Low'	Walkers catmint	1 gal	24" o.c.	L			
SC	Sedum carpet (various Sedum spp.)	Sedum Carpet	Trays		L			Roof deck extensive planting
SK	Sempervivum 'Krebs 2'	Krebs Desert Bloom Hens and Chicks	1 gal	As Shown	L			
SR	Sedum rupestre 'Angelina'	Angelina Stonecrop	trays	As Shown	L			Roof deck extensive planting

NOTE: Approximately 20% of specified plants are CA native and wildlife-supporting.

PROGRESS
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North 0 2 4 8

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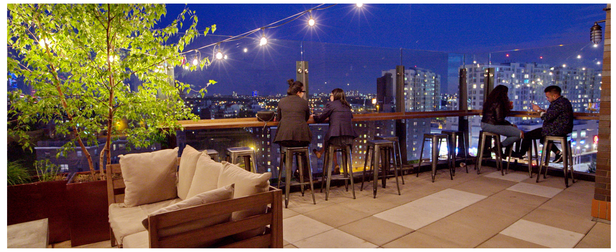
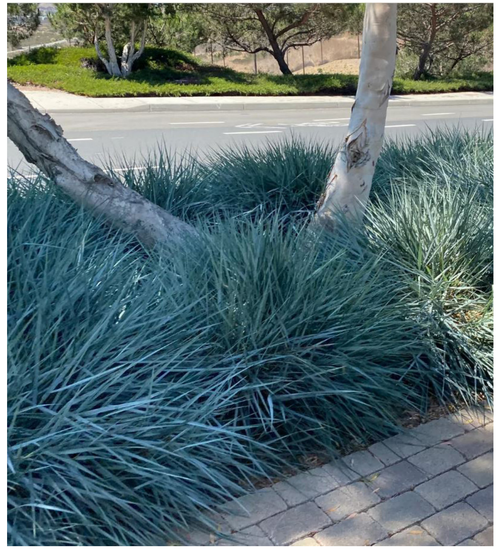
JOB: 2104

SHEET:

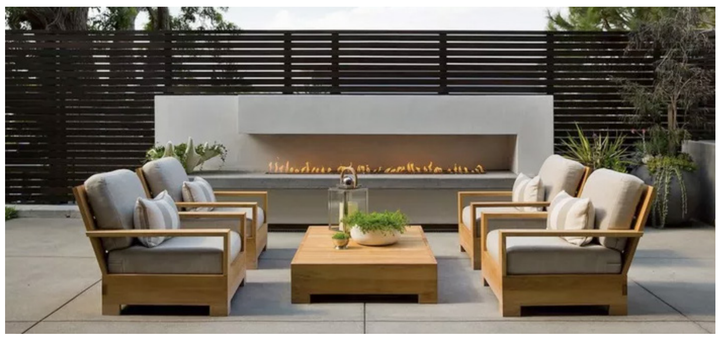
ROOF DECK
LANDSCAPE PLAN

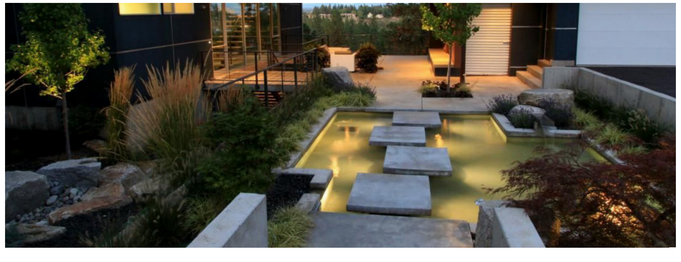
L1.1





Bar-style seating at railing, waterfall countertops, lounge seating and fire pit, floating steppers; 'Blonde Ambition' Grama, Red Pacific Stonecrop, 'Canyon Prince' Blue Rye Grass, 'Dr. Hurd' Manzanita, 'Green Spice' Heuchera, 'Desert Museum' Palo Verde





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SHEET:

LANDSCAPE IMAGERY

L2.0

PLAN NOTES LEGEND

1. 1" WATER METER FOR IRRIGATION TO BE PROVIDED BY UTILITY EBMUD. MAXIMUM IRRIGATION DEMAND: ( )GPM AT ( )PSI STATIC PRESSURE AT WATER METER LOCATION.
2. INSTALL A 1" IRRIGATION BACKFLOW PREVENTER AT THIS APPROXIMATE LOCATION.
3. APPROXIMATE LOCATION OF BOOSTER PUMP BY OTHERS. PRESSURE ON DISCHARGE SIDE OF BOOSTER PUMP SHALL BE 95 PSI.
4. IRRIGATION CONTROLLER "C". MOUNT ON INTERIOR WALL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ARCHITECT. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE INSTALLED AT THIS LOCATION UNDER ELECTRICAL CONTRACT. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.
5. IRRIGATION MASTER VALVE AND FLOW SENSOR.
6. INSTALL A 1" PRESSURE REDUCING VALVE FOR MAIN SERVICING SITE LEVEL. SET PRESSURE TO BE 50 PSI.
7. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE SITE LEVEL PLANTERS TO BE PROVIDED AND INSTALLED IN-STRUCTURE UNDER PLUMBING CONTRACT. COORDINATE INSTALLATION OF PIPE WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION.
8. 1.25" ELECTRICAL CONDUIT AND SPLICE BOX FOR 2-WIRE CABLE TO BE PROVIDED AND INSTALLED FROM IRRIGATION CONTROLLER "C" TO THIS LOCATION UNDER ELECTRICAL CONTRACT WORK BY A LICENSED ELECTRICAL CONTRACTOR. COORDINATE INSTALLATION OF CONDUIT WITH GENERAL/ELECTRICAL CONTRACTOR(S) PRIOR TO CONSTRUCTION.
9. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE ROOF LEVEL PLANTERS TO BE PROVIDED AND INSTALLED IN-STRUCTURE UNDER PLUMBING CONTRACT. COORDINATE INSTALLATION OF PIPE WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION.
10. 1.25" ELECTRICAL CONDUIT AND SPLICE BOX FOR 2-WIRE CABLE TO BE PROVIDED AND INSTALLED FROM IRRIGATION CONTROLLER "C" TO THIS LOCATION UNDER ELECTRICAL CONTRACT WORK BY A LICENSED ELECTRICAL CONTRACTOR. COORDINATE INSTALLATION OF CONDUIT WITH GENERAL/ELECTRICAL CONTRACTOR(S) PRIOR TO CONSTRUCTION.

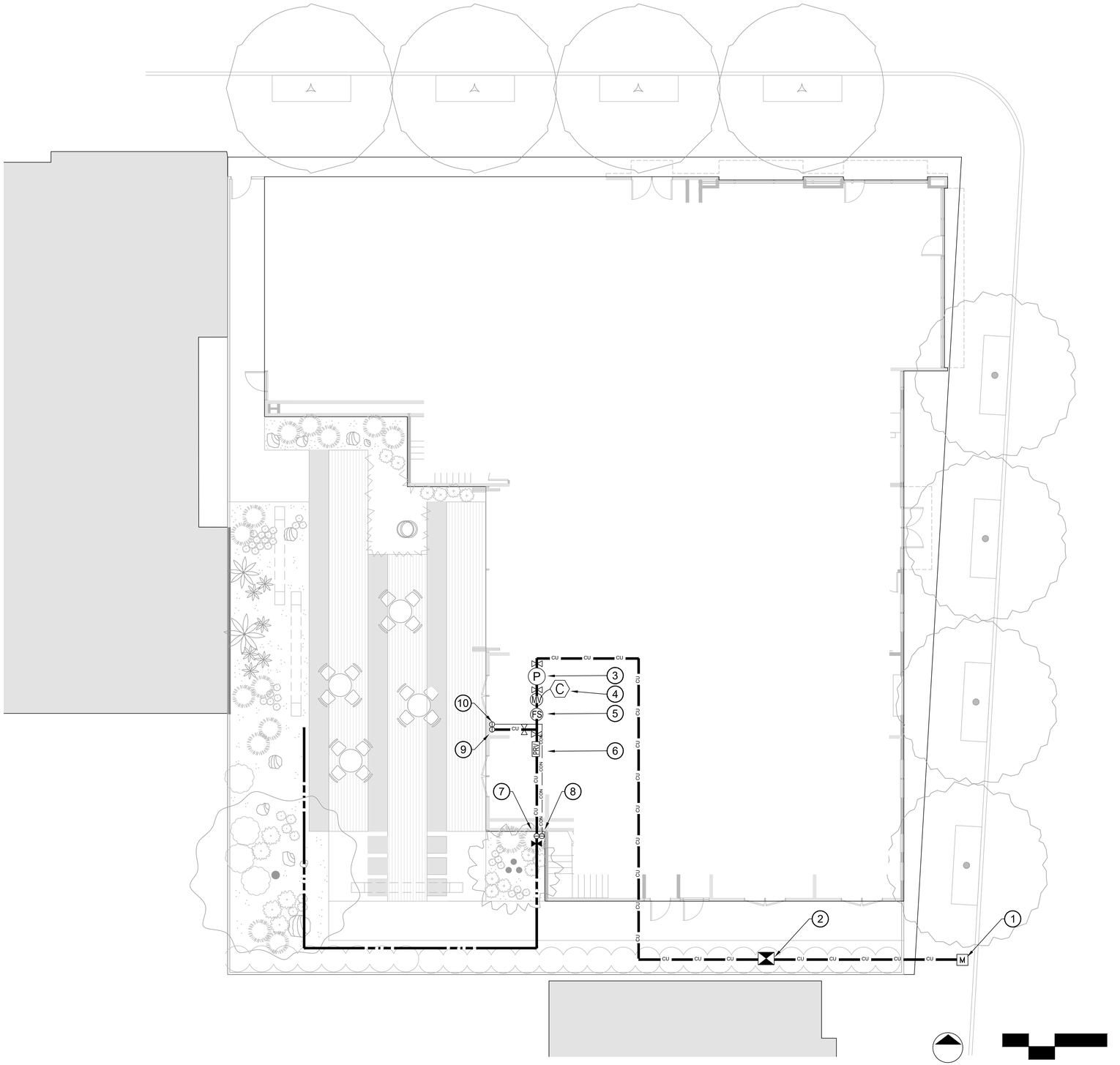
NOTES:

1. ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
2. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
3. UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
4. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM

5. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT



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SHEET:

GROUND LEVEL IRRIGATION PLAN

I1.0

PLAN NOTES LEGEND

1. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE ROOF LEVEL PLANTERS TO BE PROVIDED AND INSTALLED IN-STRUCTURE UNDER PLUMBING CONTRACT. COORDINATE INSTALLATION OF PIPE WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION.
2. 1.25" ELECTRICAL CONDUIT AND SPLICE BOX FOR 2-WIRE CABLE TO BE PROVIDED AND INSTALLED FROM IRRIGATION CONTROLLER "C" TO THIS LOCATION UNDER ELECTRICAL CONTRACT WORK BY A LICENSED ELECTRICAL CONTRACTOR. COORDINATE INSTALLATION OF CONDUIT WITH GENERAL/ELECTRICAL CONTRACTOR(S) PRIOR TO CONSTRUCTION.

NOTES:

1. ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
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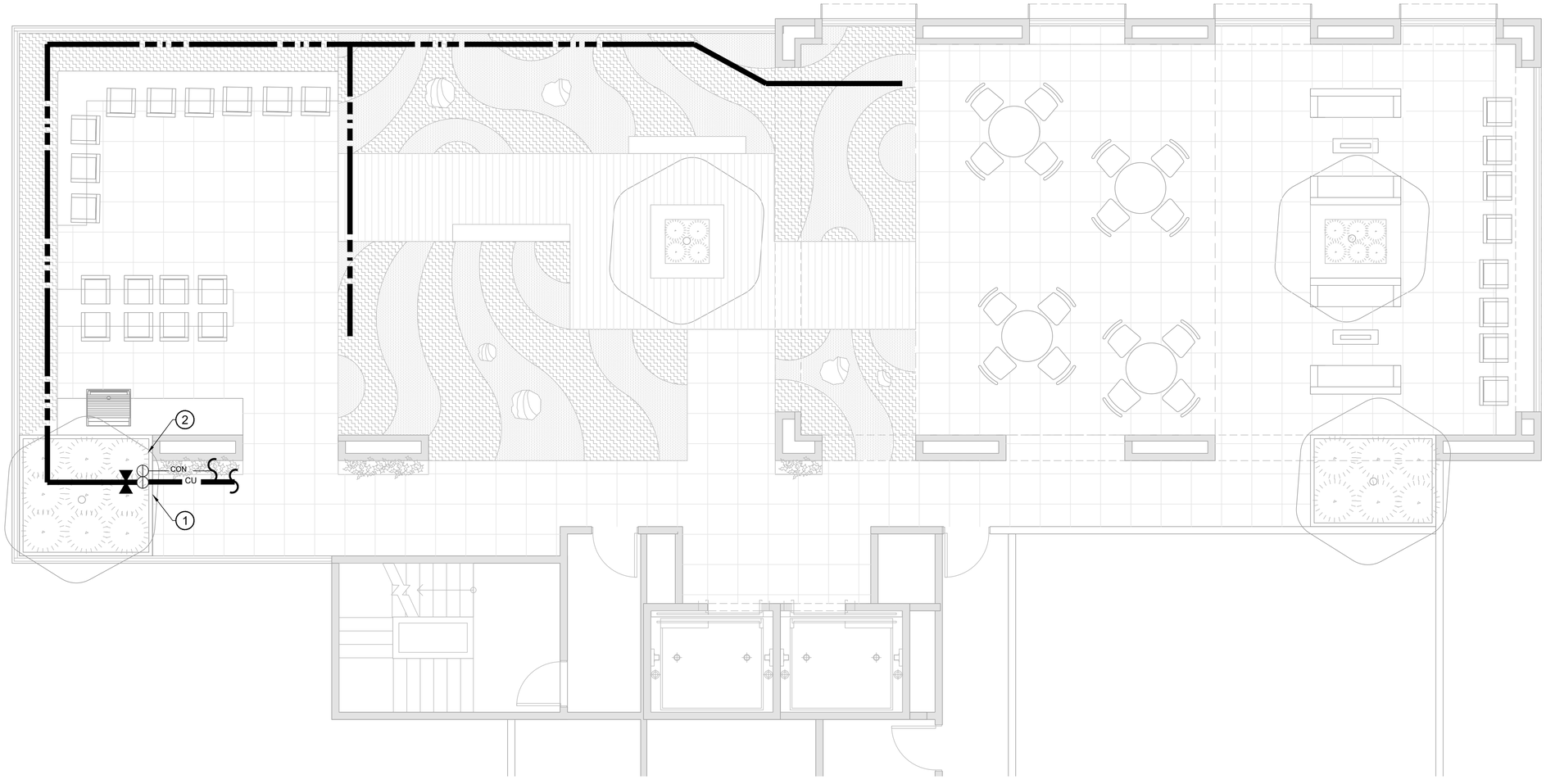
3. UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
4. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM

5. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT



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SHEET:

ROOF DECK IRRIGATION PLAN

I1.1

IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.

2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.

3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.

4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.

5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.

6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.

7. INSTALL NEW BATTERIES IN THE IRRIGATION CONTROLLER(S) TO RETAIN PROGRAM IN MEMORY DURING TEMPORARY POWER FAILURES. USE QUANTITY, TYPE AND SIZE REQUIRED AS PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.

8. SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.

9. INSTALL 2-WIRE CABLE ALONG THE MAIN LINE. CONTACT CONTROLLER REPRESENTATIVE FOR A PRE-CONSTRUCTION MEETING.

10. INSTALL 2-WIRE CABLE WITHIN 1.25" CONDUIT WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.

11. INSTALL A 14"X19" GREY ELECTRICAL PULL BOX EVERY 200' AND AT EVERY CHANGE IN DIRECTION. ONLY SPLICE TWO WIRE CABLE AT THREE WAY WIRE CONNECTIONS.

12. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS THE PAIGE IRRIGATION WIRE, SPEC P7072D. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KIT.

13. DECODER GROUNDING SHALL BE PROVIDED EVERY 600 FEET, AT THE CONTROLLER AND AT THE LAST DECODER OR AT THE END OF THE 2 WIRE PATH. GROUND WITH A 5/8" X 8' COPPER CLAD GROUNDING ROD. #6 COPPER WIRE TO SURGE DEVICE/DECODER. INCLUDE A SURGE ARRESTOR AT EACH GROUNDING LOCATION. A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A DBR/Y-6 WATERPROOF CONNECTOR.

14. SPLICING OF JACKETED 2-WIRE IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 24" LONG COIL OF WIRE AT EACH SPLICE AND A 24" LONG EXPANSION LOOP IN ALL PULL BOXES.

15. INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.

16. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.

17. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS.

18. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.

19. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.

20. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.

21. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.

22. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.

23. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.

24. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.

25. IRRIGATION DEMAND: REFER TO PLANS.

26. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.

27. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.

28. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.

29. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.

30. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.

31. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.

IRRIGATION COORDINATION NOTES

1. COPPER PIPING WITHIN STRUCTURE SHALL BE PROVIDED, ROUTED, AND INSTALLED BY PLUMBING CONTRACTOR. EXIT OF PIPE TO PLANTER SHALL BE A MINIMUM OF 6" BELOW FINISH GRADE.

2. IRRIGATION SLEEVING AND/OR CONDUIT IN STRUCTURE TO BE PROVIDED AND INSTALLED UNDER STRUCTURAL WORK.

3. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, PULL BOXES AND WIRE IN STRUCTURE. THE DRAWINGS INDICATE REQUIRED WIRE QUANTITIES FROM A GIVEN PLANTER LOCATION, THROUGH STRUCTURE, TO THE CONTROLLER LOCATION. 14 GAUGE WIRE SHALL BE USED FOR CONTROL WIRING AND 12 GAUGE FOR COMMON GROUND. FINAL CONNECTION OR WIRING TO REMOTE CONTROL VALVES AND CONTROLLER SHALL BE COMPLETED BY IRRIGATION CONTRACTOR.

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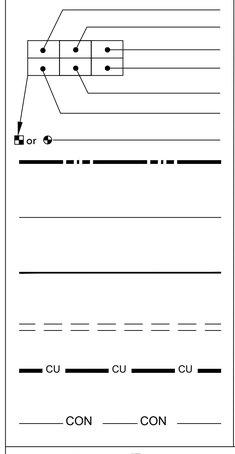
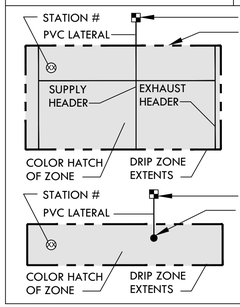
IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
	PCB-25	HUNTER BUBBLER (SHRUB)	0.25	30	TRICKLE
	PCB-25	HUNTER BUBBLER (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
	WLT-0500-T	NDS SCH 40 BALL VALVE OR APPROVED EQUAL			
	ECO-ID	HUNTER ECO-INDICATOR			
	ICV-101/AS-40	HUNTER REMOTE CONTROL VALVE WITH 40 PSI PRESSURE REGULATOR			
	ICZ-101-40	HUNTER REMOTE CONTROL VALVE WITH A 40 PSI PRESSURE REGULATOR AND A 1" FILTER.			
	44-LRC	RAIN BIRD 1" TWO-PIECE QUICK COUPLING VALVE (YELLOW LOCKING RUBBER COVER)			
	QB44RCAR10	BUCKNER 1" TWO-PIECE QUICK COUPLING VALVE (ANTI-ROTATION)			
	T-FP600A-LF-1"	NIBCO 1" BRASS BALL VALVE			
PRV	500XLHLR	WILKINS PRESSURE REDUCING VALVE			
MV	WT-MV-100G-SNO	WeatherTRAK 1" BRASS MASTER VALVE (NORMALLY OPEN)			
FS	WTFLOW-HD-P-100	WeatherTRAK 1" FLOW SENSOR			
	975XL2SEU-1"	WILKINS REDUCED PRESSURE BACKFLOW ASSEMBL.			
C	WTPRO3-C-H2048-SWM	WeatherTRAK ET PRO3 2-WIRE 48 STATION CONTROLLER IN A STAINLESS STEEL WALL MOUNTED ENCLOSURE.			
—	WT2W-H2O-1VD	WEATHERTRAK DECODER (1 PER VALVE)			
—	WT2W-H2O-2VD	WEATHERTRAK DECODER - TWO STATION			
—	WT2W-H2O-MV	WEATHERTRAK MASTER VALVE DECODER			
—	WT2W-H2O-FS	WEATHERTRAK FLOW SENSOR DECODER			
—	WT2W-H2O-PS	WEATHERTRAK PUMP START DECODER			
—	WT2W-H20-SA	WEATHERTRAK SURGE ARRESTOR (1 EVERY 500 FEET ALONG MAIN) REFER TO DETAILS FOR INSTALLATION INSTRUCTIONS.			
—	CIMXL-5YA	5 YEAR EXTENSION OF WeatherTRAK Central.			
	NOT SHOWN ON PLANS	ROUTE TWO WIRE CABLE TO ALL REMOTE CONTROL VALVES. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS PAIGE ELECTRIC WIRE P7072D. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KITS OR APPROVED EQUAL. INSTALL 2 WIRE CABLE WITHIN 1.25" SCH 40 ELECTRICAL CONDUIT. PULL BOXES SHALL BE LOCATED EVERY 200' NO SPLICES ARE ALLOWED BETWEEN VALVES. REFER TO DETAIL FOR INSTALLATION INSTRUCTIONS.			
R	WT-WRS	WIRELESS RAIN SENSOR SYSTEM. AUTOMATICALLY SHUTS THE SYSTEM OFF AS SOON AS IT STARTS RAINING.			



CONTROLLER AND STATION NUMBER
REMOTE CONTROL VALVE SIZE (IN INCHES)
FLOW (GPM)
WATER USE CLASSIFICATION OF ZONE
APPLICATION RATE (IN/HR) or DRIPLINE SPACING
AREA (SQ. FT.)
ASSOCIATED REMOTE CONTROL VALVE

MAIN LINE:	1.25" THROUGHOUT: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 18" COVER.
LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.
DRIPLINE LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.
SLEEVING:	SCHEDULE 40 PVC PLASTIC PIPE. COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.
MAIN LINE:	1.25" THROUGHOUT: TYPE 'K' COPPER PIPE WITH WROUGHT FITTINGS. SHOWN FOR REFERENCE ONLY, SEE PLUMBING PLANS FOR ROUTING THROUGH STRUCTURE.
ELECTRICAL CONDUIT:	SHOWN FOR REFERENCE ONLY, SEE ELECTRICAL PLANS FOR ROUTING THROUGH STRUCTURE.



DRIPLINE REMOTE CONTROL VALVE
DRIP ZONE:
HUNTER HDL SERIES DRIPLINE WITH BUILT IN PRESSURE COMPENSATION AND CHECK VALVE, PART #HDL-06-12-250-CV. USE PLD FITTINGS. TUBING TO BE INSTALLED 4" BELOW GRADE IN A 12" O.C. GRID ACCORDING TO DETAILS. SIZE EXHAUST HEADERS AS FOLLOWS: 1": 0-10 GPM, 1.25": 11-20 GPM. ALL EXHAUST HEADERS SHALL BE 1" SCH 40 PVC OR 1" SCH 40 FLEXIBLE PVC. USE SCH. 40 PVC SOLVENT WELD FITTINGS. EXTEND PVC HEADERS TO THE ENDS OF ALL DRIP ZONES TO BALANCE FLOW IF REQUIRED. SEE DETAILS FOR FURTHER INFORMATION.

DRIPLINE REMOTE CONTROL VALVE
APPROXIMATE CONNECTION POINT BETWEEN DRIPLINE TUBING AND PVC SUPPLY WHEN DRIP ZONE IS LESS THAN 3 GPM AND NO PVC SUPPLY/EXHUST HEADERS ARE NEEDED. REFER TO DRIPLINE TUBING CONNECTION DETAIL FOR MORE INFORMATION.

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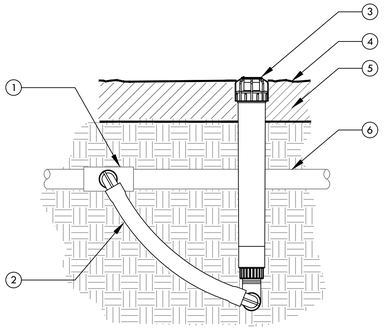
JOB: 2104

SHEET:

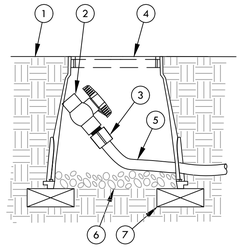
IRRIGATION NOTES AND LEGEND

I1.2



1. UPC APPROVED SCHEDULE 40 PVC TEE, ELBOW OR BARB x THREAD DRIP FITTING TEE OR ELBOW WITH 3/4" OUTLET.
2. 1/2" X 3/4" X 6" HUNTER SWING JOINT (SJ-7506)
3. ECO INDICATOR
4. FINISHED GRADE
5. MULCH
6. PVC LATERAL PIPE OR DRIPLINE

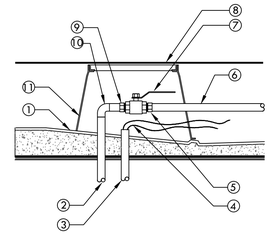
1 DRIPLINE OPERATION INDICATOR
SCALE: NONE



NOTE:
ALLOW A MINIMUM OF PVC HOSE IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

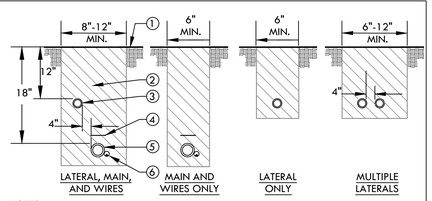
1. FINISH GRADE
2. 1/2" SCH 40 THREADED BALL VALVE.
3. 1/2" SCH 40 MALE ADAPTER.
4. 6" ROUND PLASTIC VALVE BOX.
5. 1" IPS PVC HOSE FROM EXHAUST HEADER.
6. PEA GRAVEL SUMP (6" DEEP).
7. BRICK (1 OF 2)

2 DRIPLINE-FLUSH POINT
SCALE: NONE



1. SLOPED ROOF BELOW PEDESTAL SYSTEM
2. COPPER PIPE THROUGH STRUCTURE PROVIDED BY PLUMBING CONTRACTOR. WATERPROOF ALL PENETRATIONS.
3. CONDUIT FOR CONTROL WIRES THROUGH STRUCTURE PROVIDED BY ELECTRICAL CONTRACTOR. WATERPROOF ALL PENETRATIONS
4. TWO-WIRE CABLE OR CONTROL WIRES
5. SCH 40 PVC MALE ADAPTER.
6. PVC MAIN LINE TO REMOTE CONTROL VALVES.
7. BRONZE BALL VALVE.
8. ROOF DECK PAVERS
9. COPPER MALE ADAPTER.
10. COPPER 90° ELBOW.
11. 10" ROUND PLASTIC VALVE BOX. CUT BOX TO FIT BELOW PEDESTAL PAVER SYSTEM

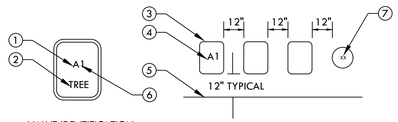
3 ON STRUCTURE STUB-OUT WITH BRONZE BALL VALVE
SCALE: NONE



NOTES:
1. ALL MAIN SUPPLY LINES AND LATERAL LINES SHALL BE PLACED IN SLEEVES UNDER PAVED SURFACES. INSTALL LOW VOLTAGE WIRES WITHIN A SEPARATE CONDUIT UNDER PAVED SURFACES. DO NOT TAPE WIRES WITHIN CONDUIT.
2. REUSE SALVAGED EXCAVATED FILL AND COMPACT TO ORIGINAL DENSITY IN LANDSCAPE AREAS. ALL OTHER AREAS SHALL BE AT 95% COMPACTION. BACKFILL MATERIAL SHALL BE THE EARTH EXCAVATED FROM THE TRENCHES, FREE FROM ROCKS (ANYTHING LARGER THAN 2"), CONCRETE CHUNKS, AND OTHER FOREIGN OR COARSE MATERIALS.
3. WHEN 12" POP-UP SPRINKLER HEADS ARE USED, INCREASE THE DEPTH OF LATERAL TO 18" AT THE SPRINKLER LOCATION ONLY.

1. FINISH GRADE.
2. CLEAN BACKFILL MATERIAL.
3. LATERAL LINE.
4. 3" DETECTABLE WARNING TAPE OVER MAIN LINE. INSTALL 3" ABOVE MAIN LINE. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS OR #TA-DT-3-PRW FOR RECYCLED IRRIGATION WATER SYSTEMS
5. MAIN LINE.
6. TWO WIRE CABLE IN CONDUIT

4 TRENCHING
SCALE: NONE



VALVE IDENTIFICATION

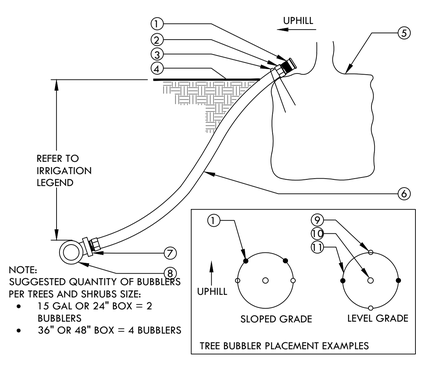
1. CONTROLLER ID.
2. ALL TREE VALVES TO HAVE TREE BRANDED INTO LID.
3. RECTANGULAR VALVE BOX.
4. HEAT BRAND VALVE TYPE PER TABLE OR CONTROLLER ID AND STATION NUMBER INTO LID.
5. EDGE OF LAWN, WALK, FENCE, CURB, ETC.
6. STATION NUMBER.
7. ROUND VALVE BOX FOR QCV AND GATE VALVE. HEAT BRAND VALVE TYPE INTO INTO LID PER TABLE.

TOP VIEW OF BOXES

ITEMS TO BRAND:	BRAND CODE
GATE VALVE	GV
PRESSURE REDUCER	PRV
MASTER VALVE	MV
FLOW SENSOR	FS
HYDROMETER	HM
MAIN LINE AIR RELIEF	ARV
REMOTE CONTROL VALVE	A___
QUICK COUPLER	QC
SPLICE BOX	SB
PULL BOX	PB
LIGHTNING ARRESTOR	LA
GROUND ROD	GR

INSTRUCTIONS:
1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET BOXES 1" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
3. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN ONLY IF GROUND COVER DOES NOT EXIST ADJACENT TO LAWN.
4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC.
5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
6. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.

5 VALVE BOX INSTALLATION
SCALE: NONE



NOTE:
SUGGESTED QUANTITY OF BUBBLERS PER TREES AND SHRUBS SIZE:
- 15 GAL OR 24" BOX = 2 BUBBLERS
- 36" OR 48" BOX = 4 BUBBLERS

TREE BUBBLER PLACEMENT EXAMPLES

1. BUBBLER (TO BE INSTALLED ON TOP OF ROOTBALL).
2. 1/2" SCH. 40 MALE ADAPTER (2 TOTAL).
3. 6" STAPLE.
4. FINISH GRADE.
5. TREE OR SHRUB ROOTBALL.
6. 1/2" IPS FLEXIBLE PVC. USE WELD-ON 795 SOLVENT CEMENT OR EQUAL WHEN BONDING PVC HOSE TO FITTINGS.
7. PVC TEE (SST), ELBOW (ST) OR FEMALE ADAPTER.
8. PVC LATERAL LINE.
9. TREE STAKES.
10. TREE.
11. EDGE OF ROOTBALL (TYPICAL).

6 TREE BUBBLER
SCALE: NONE

WATER USE ESTIMATION

WATER TYPE	POTABLE
SITE ETO=	39.7

REGULAR LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
GROUND LEVEL	GC/SHRUBS	LOW	0.3	DRIP	0.81	0.370	1,692	627	15,425	0.05	20.62	53%
ROOF	GC/SHRUBS	LOW	0.3	DRIP	0.81	0.370	1,008	373	9,189	0.03	12.29	32%
TREES	TREES	MOD	0.5	BUBBLER	0.81	0.617	480	296	7,293	0.02	9.75	15%
					TOTALS		3,180	1,296	31,907	0.10	42.66	100%

SPECIAL LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME											
3						1	0					0%
						TOTALS	0					0%

MAWA	GALLONS/YR	35,223
	ACRE FEET/YR	0.11
	HCF/YR	47.09
ETWU	GALLONS/YR	31,907
	ACRE FEET/YR	0.10
	HCF/YR	42.66

MAWA FORMULA
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) GALLONS PER YEAR
MAWA = (ETo)(0.62)[(LA x 0.45) + (0.55 x SLA)]

ETo = REFERENCE EVAPOTRANSPIRATION
0.55= ET ADJUSTMENT FACTOR
LA=LANDSCAPED AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)

ETWU FORMULA
ESTIMATED TOTAL WATER USE (ETWU) GALLONS PER YEAR
ETWU= ((ETO)(.62)(ETAF x LA))

ETo = REFERENCE EVAPOTRANSPIRATION
PF = PLANT FACTOR FOR HYDROZONES
HA = HYDROZONE AREA (SQ.FT)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)

SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
81.0%	0.33	YES

IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DRIP
IE = IRRIGATION EFFICIENCY (0.75)-ROTORS/SPRAY

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	1,296
TOTAL AREA	3,180
AVG. ETAF	40.76%

TRACHTENBERG ARCHITECTS

2421 Fourth Street
Berkeley, California 94710
510.649.1414
www.TrachtenbergArch.com

INSIDE OUT
landscape architecture
6000 Harwood Ave
Oakland CA 94618
www.aboutinsideout.com

3000 SHATTUCK

3000 Shattuck Ave
Berkeley, CA

03.09.2021 REVISED BASE PLANS
07.08.2022 ZONING INCOMPLETE RESPONSE

ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT WRITTEN CONSENT OF TRACHTENBERG ARCHITECTS.

JOB: 2104

SHEET:

IRRIGATION DETAIL

I1.6

TRACHTENBERG ARCHITECTS
2421 Fourth Street Berkeley, CA 94710
phone: 510.649.1414
www.TrachtenbergArch.com

Neighborhood Meeting Notes (Online)

3000 Shattuck
Berkeley, CA 94705
March 14, 2022

Attendance List (with names, addresses and email addresses as provided by attendees):

- Niels Thorsen, xtra13@earthlink.net
- Lisa Bullwinkel, Lisa@AnotherBullwinkelShow.com
- Lynn Cooper, cooperlb0108@gmail.com
- Kamrun Khanom, kamrunkhanom@gmail.com
- Douglas James
- Dale
- Denise Stockman
- Paul Dillingham, paul.y.dillingham@gmail.com
- Denise Stockman

Meeting Notes:

- **Lynn Cooper**
  - Bicycle parking only?
    - IS – Correct, there is no automobile parking requirement and none is proposed especially given the walkable location near BART, transit and groceries.
  - How many stories?
    - IS – 9 because of DB
  - Delivery trucks & driving? Residents will not be eligible for parking permits, correct? What about Lyft pickup & dropoff?
    - IS – The project will be proposing a loading zone. The City and City Traffic Engineer will make that decision.
  - What is the expected rent per unit?
    - IS – Unknown at this time.
  - Shattuck Ave merges from 2 lanes to 1 lane
    - IS – Noted, we agree.

- **Niels Thorsen & Karen Beard**
  - Lives in lot next door
  - Would like as wide a sidewalk setback as possible, perhaps with bumpout into sidewalk into Ashby.
    - IS – Great idea, we'll look into proposing it
  - Is the unit mix all studios and 1's or will there be family housing?
    - IS – This particular project is studios and 1's. No one project can solve the housing crises across all units sizes, each project contributes to the overall need.
  - Could the garden location be flipped to Shattuck instead of being in the rear yard?
    - IS – We wanted to keep bldg. massing along the commercial corridors, set back from the residential. We would expect the boards to want the massing along the corridor frontage as well.
  - What is the next step?
    - IS – Will go through standard city process, with city notifications for ZAB & DRC hearings.

- **Lisa Bullwinkel**
  - Nobody in building is allowed to acquire residential parking permits, correct?
  - Concern about commercial tenant @ ground floor & tenant deliveries. Requests a delivery truck bay or else there will be even more congestion.
    - IS – Truck bays req'd in zoning code for 10,000 sf of Commercial. Typically curbside loading for small cafes.
  - On art commission.
  - Consider using % for art for street-level art as well. Tile mural. Interactive chalk board. Glass mosaic w/ Amanda Gorman's poetry

- **Denise Stockman**
  - Cocnerned about the lack of commercial at the ground floor
    - IS – feasibility in question; Elmwood, with prime retail, has empty storefronts
  - Building feels imposing because it abuts the adjacent resident
  - Push green space to Shattuck side for additional buffer and Garden access for the community?
    - IS – We can look at small adjustments but we do think the building massing needs to front the commercial corridors not the adjacent residential.
  - Parking for 66 bicycles? Are there additional bicycle spaces inside?
    - IS – The project is meeting and exceeding the City requirement. Surprisingly, we hear that built project bike rooms are typically are mostly empty, even in student project close to camps.
  - Why is mechanical space pushed towards the street?
    - IS – Certain rooms have to be along the street
  - What green features are included?
    - IS – All electric building, walkable, bikable location
  - Will the building be pursuing a LEED rating?
    - IS – It's rare for mixed use building to go for LEED certification
  - The Shattuck/Ashby intersection is "a nightmare." Anything to make it safer would be beneficial
    - IS – We can look at sidewalk improvements but do not have purview over the streets. Removing all of the existing gas station curb cuts and replacing them with pedestrian sidewalks with trees and landscaping will be an improvement.

- **Dale**
  - Agrees that the street corner is a nightmare. Has the team performed any research into environmental issues underlying building? How far will substructure go?
    - IS – Toxics review process. Foundation TBD, following ZAB hearing. Typ. Mat slab ~2' thick
    - Hope that removing curb cuts will help with congestion
  - On city as an environmental commissioner & the site may have issues other than gas. Warning about potential cleanup + creek.

Planning and Development
Department
Land Use Planning Division

ACTION SUMMARY FOR DESIGN REVIEW COMMITTEE MEETING January 19, 2023 7:00 PM

I. Roll Call:

Committee Members Present:
Lillian Mitchell, Chair *(Appointed by Zoning Adjustments Board)*
Charles Kahn, Vice-Chair *(Zoning Adjustments Board)*
Steve Finacom *(Landmarks Preservation Commission)*
Kimberly Gaffney *(Zoning Adjustments Board)*
Diana Pink *(Appointed by Zoning Adjustments Board)*
Janet Tam *(Appointed by Zoning Adjustments Board)*
Cameron Woo *(Civic Arts Commission)*

Committee Members Absent: None

Staff Present: Burns, Dougherty

II. PROJECTS

1. **3031 ADELINE STREET [at Emerson] (MODDRCP2022-0004): Preliminary Design Review Modification** to demolish an existing approximately 1,000 square foot, one-story, commercial structure; and construct a new seven-story tall, mixed use building with 4,030 square feet ground floor commercial space, 64 residential units and 21 automobile and 55 bicycle parking spaces.

   Preliminary Design Review Modification received a favorable recommendation to ZAB with the following conditions and direction for Final Design Review (FDR): *MOTION: (Kahn, Woo) VOTE (7-0-0-0).*

   Conditions
   - *Provide all exterior details, including lighting, windows, materials, storefront windows, balconies, trellis, sunshades, and fin.*
   - *Resolve bird safety issues, especially at corners.*
   - *Provide species for the trees at the East property line.*
   - *Provide color information for all elevations, including the side and rear.*
   - *Plans and elevations need to accurately depict the conditions shown in the renderings.*

   Recommendations
   - *Consider alternatives for the wood balcony material, as durability and maintenance is a concern.*
   - *Warm color should remain on balconies, even if wood cannot.*
   - *Consider a recess at center band.*

- *Recommends some accent or 'whimsy on the south elevation at the southwest corner.*
- *Provide more thought and detail for the commercial ground floor storefront design. Resolve with sidewalk seating.*
- *Consider whether a higher bulkhead may work at the ground floor storefront.*
- *Consider if fin should extend to the ground.*
- *Recommend drawing more from the neighborhood for final detail, and art inspiration. Consider more whimsy, or integrating art into the fin design.*
- *Look closely at garage door noise in final design.*
- *Recommends as much solar as possible.*
- *Concerned about maintenance of planters at the roof.*
- *Roof planters could be better if they were visible from the street; incorporate them into the design.*
- *Provide more detail about planting in the East setback. Check whether stormwater planters could go there to make room for increased solar on the roof.*
- *Consider more native plants; remove Nandina from the plant list.*
- *Check with City Forester on tree grates.*
- *Recommend to Public Works that street trees should be consistent and continue south on Adeline and around the corner along Essex.*

ZAB Issues

- *Setback required at the Southeast corner of the parcel shall be resolved and reviewed at ZAB.*

2. **3000 SHATTUCK AVENUE [at Ashby] (DRCP2022-0006):** Preliminary Design Review to demolish the existing gas station, and add a 10-story mixed use building with 166 dwellings, including 17 Very Low Income units, and 1,043 square-feet of commercial space.

Preliminary Design Review Modification received a favorable recommendation to ZAB with the following conditions and direction for Final Design Review (FDR): *MOTION: (Kahn, Pink) VOTE (6-1-0-0) Finacom – no.*

Conditions:

- *Return as soon as possible for FDR to address massing concerns.*
- *Study the ground floor design, including possible drop off zone and consider moving the lobby entrance to Ashby and the residential units to Shattuck.*
- *Bring more information about the artwork to Final Design Review and how the architecture can support it.*
- *Bring samples of the proposed materials.*

Recommendations

- *Consider how the levels are articulated; consider a higher base, and a simple one-story parapet band.*
- *Repetition of the windows makes it feel more office than residential.*
- *Besides the windows, there's not enough detail; needs more horizontal detailing to help balance the verticality.*
- *Consider adjusting the proportion of vertical window bays on Ashby to better highlight the corner volume.*

- *Add horizontal termination at the roof that does not add another story to the appearance of the massing, as now rendered.*
- *Recommend more articulation.*
- *Single window row at the 2nd floor may be a nice relief.*
- *8-story artwork concept appears to be too big for this neighborhood.*
- *Look carefully at bird safety issues with the windows as well as any railings or wind screens.*
- *Palo Verde trees not recommended for this project.*
- *Check with the City Forester on whether there is a faster growing alternative to the Ginkgo trees.*

III. BUSINESS MATTERS

- Approval of Previous Meeting Minutes with edits to Commissioner Comments.
  A. Minutes from 12/20/22 DRC Meeting.
  MOTION (Woo, Finacom) VOTE (7-0-0-0).
- Staff reminded the Committee of the Upcoming Election next month.

IV. ADJOURN

- Meeting adjourned: 10:40 pm

Members of the Public:
Present: 23
Speakers: 13

APPROVED: Anne Burns
Anne Burns
Design Review Committee Secretary

ZONING ADJUSTMENTS BOARD

NOTICE OF PUBLIC HEARING

3000 Shattuck Avenue

Use Permit #ZP2022-0046 to demolish the existing gas station, and construct a 10-story (114 feet) mixed-use building utilizing a Density Bonus, with 166 dwellings, including 17 Very Low-Income units, and 1,043 square-feet of commercial space.

The Zoning Adjustments Board of the City of Berkeley will hold a public hearing on the above matter, pursuant to Zoning Ordinance Section 23.404.

When: Thursday, May 11, 2023, 7:00 pm
Where: Berkeley Unified School District meeting room, 1231 Addison Street, (wheelchair accessible) with remote/hybrid option (via Zoom).

Please see the Agenda for details *https://berkeleyca.gov/sites/default/files/legislative-body-meeting-agendas/2023-05-11_ZAB_Agenda.pdf*

PUBLIC ADVISORY: THIS MEETING WILL BE CONDUCTED IN A HYBRID MODEL WITH BOTH IN-PERSON ATTENDANCE AND VIRTUAL PARTICIPATION AVAILABLE FOR MEMBERS OF THE PUBLIC.

For in-person attendees, face coverings or masks that cover both the nose and mouth are encouraged. If you're feeling sick, please do not attend the meeting in-person as a public health precaution.

Currently, there are no physical distancing requirements in place by the State of California or the Local Health Officer for an indoor event similar to a Commission meeting. However, all attendees are requested to be respectful of the personal space of other attendees. An area of the public seating area will be designated as "distanced seating" to accommodate persons that need to distance for personal health reasons.

A. Land Use Designations:

- General Plan: AC – Avenue Commercial
- Zoning: C-SA – South Area Commercial District

B. Zoning Permits Required:

- Variance, under Berkeley Municipal Code (BMC) Section 23.406.050, from BMC Section 23.202.080(D)(1) to allow a rear setback of 16 feet for the community center where 20 feet is required.
- Use Permit pursuant to Berkeley Municipal Code (BMC) Section 23.326.070(A) to demolish a non-residential main building
- Use Permit pursuant to BMC Section 23.204.100(B)(4)(b) to construct a mixed-use development of more than 5,000 square-feet
- Use Permit pursuant to BMC Section 23.204.020 to add multi-family dwellings
- Use Permit pursuant to BMC Section 23.204.100(D)(2) to modify the height and stories, setbacks, and lot coverage
- Administrative Use Permit pursuant to BMC Section 23.304.050(A) to allow architectural features over the maximum height limit

C. Concessions and Waivers – Pursuant to State Density Bonus Law (California Government Code Section 65915)

- Waiver of BMC Section 23.204.100(D)(1) to exceed the Floor Area Ratio (FAR) limit – to be 6, where 4 is the maximum
- Waiver of BMC Section 23.204.100(D)(1) to exceed building height limits – to be 113 feet 10 inches and 10 stories, where 36 feet and 3 stories is the limit
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required front setback from 15 feet to 2 feet 6 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required rear setback from 15 feet to 11 feet 3 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required street side (left side) setback from 6 feet to 15 feet (varies by story) to 0 to 6 feet 9 inches
- Waiver of BMC Section 23.204.100(D)(1) to reduce the required interior side (right side) setback from 4 feet to 12 feet (varies by story) to 5 feet 7 inches
- Waiver of BMC Section 23.204.100(D)(1) to exceed the lot coverage limit – to be 62 percent, where 40 percent is the maximum

D. CEQA Recommendation: Adopt the Addendum to the 3000 Shattuck Initial Study-Negative Declaration prepared pursuant to Section 15164 of the of the California Environmental Quality Act (CEQA) Guidelines.

E. Parties Involved:

- Applicant — Isaiah Stackhouse, Trachtenberg Architects, 2421 Fourth Street, Berkeley
- Property Owner — 3000 Shattuck Avenue, LLC, 2343 Stuart Street, Berkeley

Further Information:
All application materials are available online at:
https://aca.cityofberkeley.info/CitizenAccess/Welcome.aspx.

The Zoning Adjustments Board final agenda and staff reports will be available online 6 days prior to this meeting at: https://berkeleyca.gov/your-government/boards-commissions/zoning-adjustments-board.

Questions about the project should be directed to the project planner, Allison Riemer, at (510) 981-7433 or ariemer@cityofberkeley.info.

Written comments or a request for a Notice of Decision should be directed to the Zoning Adjustments

Board Secretary at zab@cityofberkeley.info.

Communication Disclaimer:
Communications to Berkeley boards, commissions or committees are public record and will become part of the City's electronic records, which are accessible through the City's website. **Please note: e-mail addresses, names, addresses, and other contact information are not required, but if included in any communication to a City board, commission or committee, will become part of the public record.** If you do not want your e-mail address or any other contact information to be made public, you may deliver communications via U.S. Postal Service or in person to the secretary of the relevant board, commission or committee. If you do not want your contact information included in the public record, please do not include that information in your communication. Please contact the secretary to the relevant board, commission or committee for further information.

Written Comments, Communications, and Reports:
Written comments must be directed to the ZAB Secretary at the Land Use Planning Division (Attn: ZAB Secretary), or via e-mail to: zab@cityofberkeley.info. All materials will be made available via the Zoning Adjustments Board Agenda page online at this address: https://berkeleyca.gov/your-government/boards-commissions/zoning-adjustments-board

All persons are welcome to attend the hearing and will be given an opportunity to address the Board. Comments may be made verbally at the public hearing and/or in writing before the hearing. The Board may limit the time granted to each speaker.

Correspondence received by 5:00 PM, eight days before this public hearing, will be provided with the agenda materials provided to the Board. Note that if you submit a hard copy document of more than 10 pages, or in color, or with photos, you must provide 15 copies. Correspondence received after this deadline will be conveyed to the Board in the following manner:

- **Correspondence received by 5:00 PM two days before** this public hearing, will be conveyed to the Board in a Supplemental Communications and Reports, which is released around noon one day before the public hearing; or
- **Correspondence received after 5:00 PM two days before** this public hearing will be saved in the project administrative record.

Accessibility Information / ADA Disclaimer:
To request a disability-related accommodation(s) to participate in the meeting, including auxiliary aids or services, please contact the Disability Services specialist at 981-6342 (V) or 981-6345 (TDD) at least three business days before the meeting date.

SB 343 Disclaimer:
Any writings or documents provided to a majority of the Commission regarding any item on this agenda will be made available to the public. Please contact the Land Use Planning Division (zab@cityofberkeley.info) to request hard-copies or electronic copies.

Notice Concerning Your Legal Rights:
If you object to a decision by the Zoning Adjustments Board regarding a land use permit project, the following requirements and restrictions apply:

1. If you challenge the decision of the City in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice.
2. You must appeal to the City Council within fourteen (14) days after the Notice of Decision of the action of the Zoning Adjustments Board is mailed. It is your obligation to notify the Land Use Planning Division in writing of your desire to receive a Notice of Decision when it is completed.
3. Pursuant to Code of Civil Procedure Section 1094.6(b) and Government Code Section 65009(c)(1),

no lawsuit challenging a City Council decision, as defined by Code of Civil Procedure Section 1094.6(e), regarding a use permit, variance or other permit may be filed more than ninety (90) days after the date the decision becomes final, as defined in Code of Civil Procedure Section 1094.6(b). Any lawsuit not filed within that ninety (90) day period will be barred.

4. Pursuant to Government Code Section 66020(d)(1), notice is hereby given to the applicant that the 90-day protest period for any fees, dedications, reservations, or other exactions included in any permit approval begins upon final action by the City, and that any challenge must be filed within this 90-day period.
5. If you believe that this decision or any condition attached to it denies you any reasonable economic use of the subject property, was not sufficiently related to a legitimate public purpose, was not sufficiently proportional to any impact of the project, or for any other reason constitutes a “taking” of property for public use without just compensation under the California or United States Constitutions, the following requirements apply:
   A. That this belief is a basis of your appeal.
   B. Why you believe that the decision or condition constitutes a "taking" of property as set forth above.
   C. All evidence and argument in support of your belief that the decision or condition constitutes a “taking” as set forth above. If you do not do so, you will waive any legal right to claim that your property has been taken, both before the City Council and in court.

3000 Shattuck Avenue Mixed Use Project

Initial Study – Negative Declaration

prepared by

City of Berkeley
Department of Planning & Development, Land Use Division
1947 Center Street, 2nd Floor
Berkeley, California 94704
Contact: Layal Nawfal, Project Planner, (510) 981-7424

Table of Contents

1. Background 3
2. Project Description 4
3. Environmental Factors Potentially Affected 8
4. Determination 9
5. Environmental Checklist 10
5.1. Aesthetics 10
5.2. Agricultural and Forestry Resources 12
5.3. Air Quality 13
5.4. Biological Resources 16
5.5. Cultural Resources 17
5.6. Geology and Soils 18
5.7. Greenhouse Gas Emissions 20
5.8. Hazards and Hazardous Materials 21
5.9. Hydrology and Water Quality 24
5.10. Land Use Planning 26
5.11. Mineral Resources 27
5.12. Noise 28
5.13. Population and Housing 29
5.14. Public Services 30
5.15. Recreation 31
5.16. Transportation and Traffic 32
5.17. Tribal Cultural Resources 34
5.18. Utilities and Service Systems 35
5.19. Mandatory Findings Of Significance 38

Appendices

Appendix A Environmental Review Letter & Site Closure Letters
Appendix B Transportation Impact Analysis
Appendix C Assembly Bill 52 Consultation

1. BACKGROUND

1.	**Project Title:**	3000 Shattuck Avenue
2.	**Lead Agency:**	City of Berkeley Land Use Planning Division 1947 Center Street, 2nd Floor Berkeley, CA 94704
3.	**Contact Person:**	Layal Nawfal Associate Planner 510-981-7424 Lnawfal@cityofberkeley.info
4.	**Project Location:**	3000 Shattuck Avenue Berkeley, CA 94705
5.	**Project Sponsor Name and Addresses:**	3000 Shattuck Avenue LLC. 1958A University Avenue Berkeley, CA 94704
6.	**General Plan Designation :**	Avenue Commercial
7.	**Zoning:**	South Area Commercial (C-SA)
8.	**Description of Project:**	See the “Project Description” section
9.	**Surrounding Land Uses and Settings:**	See the “Project Description” section
10.	**Other public agencies whose approval is required:**	Caltrans encroachment permit for construction of sidewalk on Ashby Avenue (State Route 13)
11.	**Have California Native American tribes traditionally and cultural affiliated with the project area requested consultation?**	The City notified Andrew Galvan of The Ohlone Tribe Inc. on May 9, 2017, who alerted the City of Berkeley on May 19, 2017 that no consultation was requested.

2. PROJECT DESCRIPTION

2.1 INTRODUCTION

This Initial Study evaluates the potential environmental effects of demolition of an existing 1-story commercial building and related site improvements and construction of a 5-story mixed-use building, with commercial and residential uses, located at 3000 Shattuck Avenue, Berkeley, CA.

2.2 ENVIRONMENTAL ANALYSIS

In accordance with CEQA Guidelines Section 15070, this Initial Study identifies that there is no substantial evidence, in light of the whole record before the agency that the project may have a significant effect on the environment. This Initial Study consists of an environmental checklist, an evaluation of potential project impacts for each topic in the checklist, and a Negative Declaration.

2.3 PROJECT LOCATION

Project Site

This project is located on the southwest corner of Ashby and Shattuck Avenues in the Lorin District neighborhood, as shown in Figure 1. The project site includes two relatively flat and contiguous parcels, totaling 13,561 square feet. The corner property is currently developed with a smog test center, car repair and gas station office, within one building, and two gas station canopies/pump islands. Regulatory-compliant double-walled storage tanks are located underground. A paved surface lot covers the remainder of the project site.

Setting and Surrounding Land Uses and Area

The project site is surrounded by a gas station across Ashby Avenue to the north, car rental business across Shattuck Avenue to the east, residences to the south and west. The surrounding neighborhood is composed of ground-floor commercial uses, single-family and multi-family dwellings units, and mixed use buildings with ground-floor retail or office and residential units above. Surrounding buildings are generally 2- and 3-stories in height.

Ashby Avenue (State Route 13), which is operated by Caltrans, runs east-west adjacent to the north boundary of the project site. AC Transit bus stops for the 49 and 18 bus lines are located adjacent to the project site. The site is also located .23 miles from the Ashby BART Station where BART runs at least every 15 minutes during commute hours. The Station also has AC Transit stops for the 12, 18, 49, 800 and F (transbay) lines and access to the West Berkeley Shuttle.

Figure 1: Project Location

Figure 2: Project Site

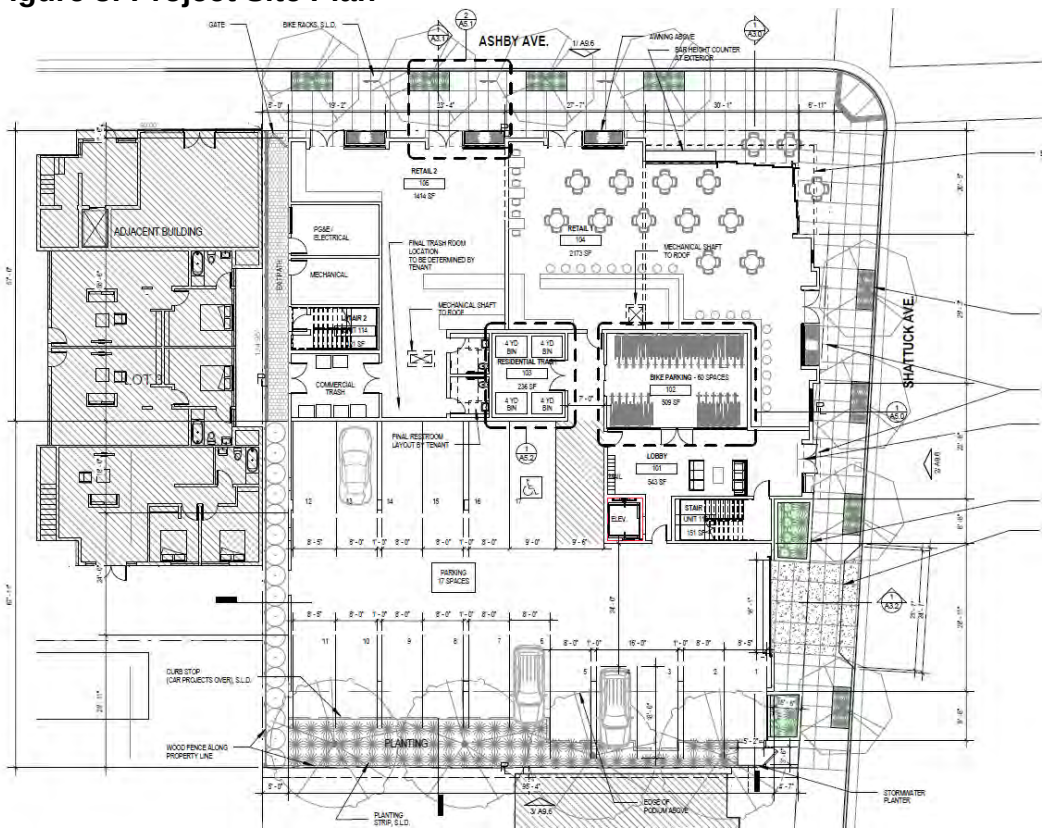
2.4 PROJECT DESCRIPTION

The project proposes demolition of one 1-story building, two gas pump islands, and related site improvements; removal of the regulatory-compliant underground storage tanks (USTs); and the construction of a 5-story, mixed-use building with ground-floor retail uses and residential dwelling units on the upper 4 stories. The site plan is provided in Figure 3. The total floor area of the project, per the Berkeley Zoning Ordinance definition, is 38,828 square feet.

The project includes the following components:

- 44 dwelling units
- 6,225 square feet of commercial retail and/or restaurant space
- Parking for 62 bicycles (where two are required) and 17 vehicles at the ground level, including carshare spaces; additional bike racks will be provided at the sidewalks on Ashby and Shattuck Avenues.
- 2,092 square feet of private or common open space
- Green building features including future installation of solar hot water or solar PV panels, extensive bicycle facilities, and flow-through stormwater planters.
- Garage access via a curb cut on Shattuck Avenue.

Figure 3: Project Site Plan



The project would include demolition of the existing building and surface parking lot on the site. Construction debris, such as old foundations, pavement, and structures, would be collected and hauled off site for disposal. The USTs would be removed in accordance with City and State laws, as described further in the analysis sections below. Demolition waste would be minimal given the low intensity of the site's current development and would be disposed of in accordance with all Berkeley, state and federal requirements, including waste diversion and recycling. Construction activities would also include excavation, utility trenching, mat foundations, vertical construction, and installation of pavement and landscaping. No impact pile driving would occur as part of the project. Construction would take place over an 18-month period.

2.5 PLAN AND ZONING CONSISTENCY

The project site is in an area designated as Avenue Commercial in the City's General Plan General Plan and is located in the C-SA, South Area Commercial zoning district. The proposed uses are consistent with these use designations. The project proposes an average building height of 56 feet 11 inches and 5 stories (where 36 feet and 3 stories are permitted, respectively); and a lot coverage of 83% where 40% is permitted. With the issuance of use permits for setbacks, building height, number of stories, and lot coverage, the project would be consistent with the C-SA zoning district. Per the requirements of the C-SA district, the project is subject to the following Use Permits:

- Demolition of a non-residential building
- Construction of gross floor area more than 3,000 square feet
- Mixed Use Development (Residential/Commercial) of 5,000 sq. ft. or more
- Quick/Full Service Restaurant under 5,000 sq. ft.
- Reduction of front and side yard setbacks
- Exceedance of the maximum height requirement of 36 feet, 3 stories for mixed use buildings
- Exceedance of 40% lot coverage
- Reduction in the required off-street parking ratio
- Installation of rooftop mechanical equipment

3. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact," as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Geology / Soils
☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials	☐ Hydrology/Water Quality
☐ Land Use / Planning	☐ Mineral Resources	☐ Noise
☐ Population/Housing	☐ Public Services	☐ Recreation
☐ Transportation/Traffic	☐ Tribal Cultural Resources	☐ Utilities/Service Systems
☐ Mandatory Findings of Significance		

4. DETERMINATION

On the basis of this initial evaluation:

[x] I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

[ ] I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

[ ] I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

[ ] I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

[ ] I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

_____ _____

Date

5. ENVIRONMENTAL CHECKLIST

The following section contains the environmental checklist form presented in Appendix G of the CEQA Guidelines. The checklist form is used to describe the impacts of the proposed project. A discussion follows each environmental issue identified in the checklist.

For this project, the following designations are used:

- **Potentially Significant Impact:** An impact that could be significant and for which no mitigation has been identified. If any potentially significant impacts are identified, an EIR must be prepared.
- **Less Than Significant With Mitigation Incorporated:** An impact for which mitigation has been identified to reduce the impact to a less-than-significant level.
- **Less Than Significant:** Any impact that would not be considered significant under CEQA relative to existing standards.
- **No Impact:** Any impact that does not apply to the project.

5.1. AESTHETICS

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☒	☐
d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

ENVIRONMENTAL SETTING

The project site is located in an urbanized area, surrounded primarily by 2- and 3-story commercial and residential uses.

DISCUSSION

a) The Berkeley General Plan identifies scenic resources including the San Francisco Bay, the hills, and significant landmarks such as the Golden Gate Bridge. The following policy from the General Plan seeks to protect views of these natural assets:

> Policy UD-31 Views: Construction should avoid blocking significant views, especially ones toward the Bay, the hills, and significant landmarks such as the Campanile, Golden Gate Bridge, and Alcatraz Island. Whenever possible, new buildings should enhance a vista or punctuate or clarify the urban pattern.

Partial views of the Berkeley hills, framed by development along Ashby Avenue, are visible from the public sidewalk. The project would not significantly alter views of the Berkeley hills from a public viewpoints, nor would they degrade public views of other visual resources identified in the Policy UD-31. From an urban design perspective, the proposed architectural design and infill nature of the project would improve views to the site as compared to the existing gas station. Therefore, the project would result in a less-than-significant impact with respect to scenic vistas.

b) The project site is not designated as a scenic resource or state scenic highway. Therefore, the project would result in no impact with respect to scenic resources within a State scenic highway.

c) The visual character of the site would change with the introduction of a 5-story building in place of a 1-story commercial building and surface parking lot. The project would provide commercial and residential uses in a new mixed-use building, consistent with the types of uses found in the surrounding neighborhood. Materials including smooth cement plaster, aluminum windows, and metal and wood details, would provide a visual change to the character of the street when viewed from both Shattuck and Ashby Avenues compared with existing conditions, but would be consistent with materials found in the neighborhood. The project would maintain a setback at the street edge, consistent with the abutting uses to the west and south. New sidewalks, landscaping, streets, and street trees would continue the pattern of development, circulation, and landscaping found in the neighborhood. Therefore, the existing visual character and quality of the site and its surroundings would be improved and not degraded, and the resulting impact would be less than significant.

d) Lighting at the existing commercial building and parking lot consists primarily of exterior building lights and street lighting. The project would introduce new sources of light and glare as a result of building materials and lighting. New sources of lighting are not anticipated to be substantial in the context of existing light sources. Glare from window glazing would be obstructed by existing surrounding buildings during much of the day and therefore is not expected to be substantial. Additionally, the proposed project would be subject to the City's standard conditions of approval which require light sources to be shielded and directed away from adjacent properties, as stated in the General Plan:

> Policy EM-42: Outdoor lighting should be chosen to avoid glare and provide an attractive nighttime environment with "fully shielded" fixtures to limit light rays emitted above the horizontal plane.

Therefore, adjacent uses would not be adversely affected by new light sources at the project site. As such, the project would result in less-than-significant light and glare impacts and the potential impact would be less than significant.

5.2. AGRICULTURAL AND FORESTRY RESOURCES

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g), timberland (as defined in Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

ENVIRONMENTAL SETTING

The project site is located in an urbanized area and is not currently being used for farmland, agricultural production, or forestry. The California State Department of Conservation designates the subject property as “Urban and Built-Up Land.”[1]

DISCUSSION

a)-e) No agricultural or forestry land is located on the site. The project would not result in the conversion of any farmland and the subject property is not zoned for agricultural use and does not have a Williamson contract in place. No loss or conversion of forest land would occur as a result of the project. Therefore, the project would result in no impact with respect to agricultural resources.

[1] California Department of Conservation, “Alameda County Important Farmland 2014.” Map published December 2016.

5.3. AIR QUALITY

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	X	☐
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	☐	☐	X	☐
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	☐	☐	X	☐
d) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	X	☐
e) Create objectionable odors affecting a substantial number of people?	☐	☐	X	☐

ENVIRONMENTAL SETTING

The Bay Area Air Quality Management District (BAAQMD) regulates air quality in the Bay Area Region through its permit authority over stationary emission sources and through planning and review activities.

DISCUSSION

a) BAAQMD's 2010 Clean Air Plan (CAP) contains district-wide control measures to reduce ozone precursor emissions, particulate matter, and greenhouse gas emissions. The primary goals of the Plan are to: attain air quality standards; reduce population exposure to air pollutants; protect public health in the Bay Area; reduce greenhouse gas emissions; and protect the climate. Consistency with the Plan can be determined if the project support's the Plan's goals, includes applicable control measures, and would not disrupt implementation of the Plan's control measures.

The project contains features that would benefit regional air quality and support the goals of the CAP, including accommodation for future solar hot water or photovoltaic panels, water-efficient landscaping, installation of ENERGY STAR fans and appliances, and use of efficient lighting systems. Additionally, the infill project location provides for dwelling units proximate to high-frequency transit, bike lanes and routes, sidewalks, and neighborhood commercial uses within walking distance of the project site—all of which may reduce greenhouse gas emissions.

The 2010 CAP includes 55 control measures that aim to reduce air pollution from stationary, area, and mobile sources. The control measures are organized into five categories; the project's consistency with each control measure category is described below:

1. Stationary source measures: Since the project would not be a permitted BAAQMD facility, these measures are not applicable to the project.

2. Mobile source measures are generally statewide-programs implemented by CARB that aim to reduce vehicle emissions by accelerating the replacement of older, dirtier vehicles and equipment. Consistent with the mobile source measures, heavy-duty diesel vehicles used during project construction would be required to comply with the CARB's Off-Road Diesel Vehicle Regulation.

3. Transportation control measures are strategies to reduce vehicle trips, use, miles traveled, idling, or traffic congestion for the purpose of reducing motor vehicle emissions. Project-specific measures include developing land use patterns that facilitate alternative commutes, such as walking, bicycling and transit. The project would be consistent with these measures by providing access to existing and improved sidewalks, bicycle lanes and routes; AC Transit buses and BART; and on-site carshare vehicles.

4. Land use and local impact measures are designed to promote mixed-use, compact development to reduce motor vehicle travel and emissions, and ensure that growth is planned in a way that protects people from exposure to air pollution from stationary and mobile sources of emissions. The project would provide mixed-use infill development in an existing mixed-use and transit-oriented neighborhood, further contributing to compact development that promotes pedestrian access to goods and services.

5. Energy and climate measures are designed to reduce ambient concentrations of criteria pollutants, reduce emissions of carbon dioxide, and protect the climate by promoting energy conservation, renewable energy production, reductions in "urban heat island" effects, and tree plantings. The project would be consistent with the energy and climate measures by complying with the City's green building requirements. The project demonstrates 146 points on the GreenPoint Rated New Home Multifamily Checklist, where a minimum 50 points are required. The project would also plant new street trees and landscaping on-site, where no landscaping currently exists.

Based on the analysis above, according to BAAQMD's CEQA Air Quality Guidelines, the project would have a less-than-significant impact on the implementation of the applicable air quality plan.

b) During operation of the project, air quality impacts would come primarily from vehicle emissions. As described in Section 5.16(a), redevelopment of the site from a gas station to a mixed-use building would result in a net reduction in vehicle trips, compared with the

trips generated by the existing uses. As a result, the project would not exceed emissions thresholds, as specified by BAAQMD.

The project is expected to generate short-term impacts related to construction activities. BAAQMD has established standard measures for reducing fugitive dust emissions (PM2.5 and PM10), including the use of water or other soil stabilizers. Construction equipment would also be required to meet all current exhaust standards for emissions. With the implementation of standard conditions for construction measures, such as frequent watering (e.g., two times per day at a minimum), fugitive dust emissions from construction activities would not result in adverse air quality impacts. These requirements would be conditions of project approval and would reduce potential air quality impacts to less-than-significant levels.

c) Air pollution in the region is generally a cumulative impact and therefore future development projects contribute to the region's adverse air quality impacts on a cumulative basis. As discussed under Section 5.3(b), above, emissions during the construction, demolition, and operational phases of the project would not exceed the emissions thresholds. Therefore, the cumulative impact of ozone precursors and particulate matter from the project would be less than significant.

d) Land uses such as residences, particularly when occupied by children or older adults, are considered to be sensitive receptors to poor air quality. The project would not generate emissions that would expose sensitive receptors to substantial pollutant concentrations. Additionally, there are no known stationary source emissions within the vicinity of the project site. The project site is located at the intersection of two major roadways—Ashby and Shattuck Avenues—which represent mobile source of emissions which could expose sensitive receptors to potential pollutant concentrations. However, consistent with existing Building Code regulations, design measures (e.g., types of windows, ventilation requirements) would be determined and implemented during the Building plan check review phase in order to meet Title 24 interior noise and air quality standards. As a result, the potential impact on sensitive receptors would be less than significant.

e) The project is not anticipated to create objectionable odors affecting a substantial number of people during construction or operation. Therefore, this impact would be less than significant.

5.4. BIOLOGICAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	X	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or United States Fish and Wildlife Service?	☐	☐	X	☐
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	X	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	X	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	X	☐
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	X

ENVIRONMENTAL SETTING

The project site is located within an urban area and has no natural vegetation, habitat for special-status species, wetlands, or riparian habitats.

DISCUSSION

a-d) There are no rare, endangered, or threatened species of flora or fauna known to inhabit the property site. In addition, there is no existing stream, river, lake, drainage channel, or other water body/course on or adjacent to the project site. The project site is

immediately surrounded by developed area with no significant vegetation. Therefore, the potential impact would be less than significant.

e) The project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. The project would add drought-tolerant landscaping on-site and street trees, where none currently exists, consistent with City Arborist requirements and recommendations. Therefore, the potential impact would be less than significant.

f) No Habitat Conservation Plan, Natural Community Conservation Plan, or other conservation plans apply to the project site. Therefore, there would be no impact.

5.5. CULTURAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	☐	☐	☐	X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☐	X	☐
c) Directly or indirectly destroy a unique Paleontological resource or site or unique geologic feature?	☐	☐	X	☐
d) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	X	☐

ENVIRONMENTAL SETTING

The project site is not located in an area identified as having site-specific archeological, paleontological, or geologic features or resources.

DISCUSSION

a) The existing structure on the project site does not appear to be eligible for the California Register of Historical Resources under any of the criteria of evaluation at the national, state or local level of significance. The project came before the City's Landmark Preservation Commission at their May 2016 meeting where no action was taken to designate the building. Therefore, there would be no impact with respect to historic resources.

b-d) There are no known archaeological or paleontological sites identified on the subject site. It is possible (though unlikely) that archaeological resources could be identified on the site during ground disturbance activities. Should potential subsurface resources or human remains be found upon excavation, all work would be halted and the City would be

immediately notified. Necessary measures, such as consulting with an archaeologist, would take place prior to construction resuming. These measures are required by State law. As a result, the potential impact on cultural resources and human remains would be less than significant.

5.6. GEOLOGY AND SOILS

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	X	☐
ii) Strong seismic ground shaking?	☐	☐	X	☐
Iii) Seismic-related ground failure, including liquefaction?	☐	☐	X	☐
iv) Landslides?	☐	☐	X	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	X	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	X	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	X	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	X

ENVIRONMENTAL SETTING

The project site is relatively flat, with limited grading required to excavate for utilities and construct the drainage, landscaping, and structure on the site.

DISCUSSION

a) The project site is located outside of the Alquist-Priolo Earthquake Fault Zone and outside of liquefaction and landslide zones, as identified by the California Geological Survey.[2] However, as is the case for most of California, people and property in Berkeley are subject to risks from seismic activity. The Hayward fault line is the most active fault near the project site. Based on an existing regulatory framework that addresses earthquake safety issues and adherence to the requirements of the California Building Code, seismically-induced ground shaking would not be a substantial hazard on this site. As a condition of approval, the project would be required to comply with the recommendations of the project's geotechnical consultant, including designing foundation and drainage geotechnical aspects of the project to ensure that the recommended measures have been properly incorporated into the project. Therefore, the potential impact on exposing people or structures to substantial adverse effects would be less than significant**.**

b) Grading, excavation and trenching for utility lines, would disturb soils, which could increase the rate of erosion if controls or best management practices were not in place. As a standard condition of approval, the project would be required to meet the requirements for stormwater erosion control measures during design, construction and implementation phases of the project. Therefore, potential erosion impacts would be less than significant.

c-d) There are no known geologic hazards on the site and minimal risk of landslide, lateral spreading, subsidence, liquefaction or collapse. The State of California provides minimum standards for building design through the California Building Code, including specific seismic safety requirements. State earthquake protection law requires that buildings be designed to resist stresses produced by lateral forces caused by earthquakes. The project would be required to comply with the applicable codes and standards to provide earthquake resistant design to meet or exceed current seismic requirements and mitigate any specific soil condition concerns. The geotechnical report is required by the City of Berkeley at the time of building plan check and would include an assessment of soil properties and recommendations to reduce adverse effects associated with expansive soils to a less-than-significant level. Therefore, potential soil instability impacts would be categorized as less than significant.

e) No septic systems or alternative wastewater disposal systems are proposed as part of the project; therefore, the project would have no impact.

[2] California Department of Conservation, California Geological Survey, Oakland West Quadrangle. http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps. Accessed March 14, 2017.

5.7. GREENHOUSE GAS EMISSIONS

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	X	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	X	☐

ENVIRONMENTAL SETTING

Assembly Bill (AB) 32 mandates local governments adopt strategies to reduce greenhouse gas (GHG) emissions. Consistent with the objectives of AB 32, the City has adopted a Climate Action Plan (CAP) to outline strategies to reduce Berkeley's community-wide global warming emissions 33 percent by 2020 relative to 2000 levels. The City's CAP is not a qualified GHG Reduction Strategy, since it precedes the BAAQMD CEQA Air Quality Guidelines which can allow for streamlined environmental review on new development projects. Still, the CAP does represent the City's policy for GHG reduction.

DISCUSSION

a-b) The project is designed to meet the City's CAP. It represents a transit-oriented residential project that proposes well-designed housing less than ¼ mile from a BART Station and adjacent to numerous AC Transit lines. The project would incorporate a landscape plan that meets the State of California's Model Water Efficient Landscape Ordinance and Bay Friendly Basics requirements for water-saving and drought-resistant planting. It also meets green building and energy efficiency measures consistent with the State's Green Building Standards Code (CALGreen). The project demonstrates 146 points on the GreenPoint Rated New Home Multifamily Checklist, where a minimum 50 points are required. The project would also accommodate solar hot water or PV panels, and plant new street trees and landscaping on-site, where no landscaping currently exists. These project features would be expected to reduce GHG emissions and assist the City in meeting the goals of AB 32.

The primary source of GHG emissions during operation of the project would be from mobile sources (i.e., vehicle trips). However, as described in Section 5.16(a), redevelopment of the site from a gas station to a mixed-use building would result in a net reduction in vehicle trips. As a result, the project would not generate significant greenhouse gas emissions nor conflict with the City's CAP. Additionally, per the BAAQMD CEQA Guidelines the proposed project (mid-rise apartment building between 3 and 10 levels) as would result in a less-than-

significant impact as projects of this size generate emissions under the significance thresholds.[3] Therefore, this potential impact would be less than significant.

5.8. HAZARDS AND HAZARDOUS MATERIALS

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	X	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	X	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	X	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	X
f) For a project within the vicinity of a private airstrip would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	X	☐
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☐	X

[3] Bay Area Air Quality Management District CEQA Guidelines Updated May 2011, http://www.baaqmd.gov/~/media/Files/Planning%20and%20Research/CEQA/BAAQMD%20CEQA%20Guidelines%20May%202011.ashx?la=en. Accessed March 30, 2017.

ENVIRONMENTAL SETTING

The project site is a retail service station and smog inspection facility, which historically has been characterized and remediated for constituents related to releases from the former underground storage tanks (USTs). In 1997, a 200-gallon waste oil tank was removed. In 2000, three 12,000-gallon gasoline USTs were removed and replaced with new regulatory-compliant USTs. Approximately 1,415 tons of soil was removed and disposed off-site when the USTs and associated product lines were replaced in 2000. In February 2013, the local lead agency confirmed completion of investigation and corrective action, and granted no further action for the release associated with the USTs.[4]

An additional investigation was opened at the site in December 2012 to address a potential new release presumably associated with the hydraulic lifts at the site. The new release was discovered during groundwater monitoring activities in October 2007; a sample was collected from the impacted well in January 2008. In February and March of 2013, groundwater samples were collected from impacted well A-2 and downgradient well AR-1. Investigations indicated that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume was decreasing in size.

The Regional Water Quality Control Board (RWQCB) issued case closure for this case in September 2014, concluding that the current plume is restricted to the site and does not present a current or potential risk to human health or the environment. The closure letter did not include any site management requirements for the residual impact.

DISCUSSION

a,b) Available site data indicates that very limited, if any, residual gasoline-related impact is present at the site. The most recent subsurface data includes groundwater data from all program monitoring wells in January 2008, from select program wells in March 2010, and, in March 2014, from one well (AR-1) immediately downgradient of the current USTs and dispensers and one well (A-2) downgradient of the building and underground hoist area. No TPHg or BTEX compounds were detected in the onsite wells in 2008, 2010 and 2014.[4] The only residual impact in groundwater is very low concentrations of the former gasoline additive MTBE (MTBE use was banned after 2004) and limited oil range impact, apparently related to a prior release of hydraulic oil. The depth to water has ranged from approximately 5 to 11 feet depth below grade surface.

No hazardous materials are proposed as part of operation of the project. As a condition of approval the project would be required to complete a hazard and safety plan consistent with the City of Berkeley's broadly applicable condition designed for circumstances such as this. During construction, potentially hazardous liquid materials such as oil, diesel fuel, gasoline, and hydraulic fluid may be used at the site, related to construction activities. If spilled, these substances could pose a risk to the environment and to human health.

[4] Environmental Review for Purchase and Site Redevelopment, "Environmental Review for Purchase and Site Redevelopment." Letter to Mr. Xin Jin, December 13, 2014

During UST removal, the condition of the UST would be examined, evidence of soil contamination would be observed and soil testing would be required. Impacted soil around the UST could possibly be removed as part of the UST closure. Based on this process, the ultimate disposition of impacts from the UST would be evaluated by the UST removal consultant.

The City has in place a Local Hazard Mitigation Plan should a spill or a hazardous event take place. In the event of a hazardous materials event, the Fire Department is the first responder and has access to chemical inventories, locations and emergency planning. The Department of Public Works manages the City's hazardous materials emergency response to spills on the right-of-way and also manages the hazardous materials emergency response contractor.[5]

Many areas in the City of Berkeley are known or suspected to have groundwater contamination. The project site is located in one of these Environmental Management Areas (EMA). Given this location, as a standard condition of approval, the City would require preparation of a Soil and Groundwater Management Plan to identify procedures for soil and groundwater management including identification of pollutants and disposal methods. The SGMP would identify permits required and comply with all applicable local, state and regional requirements. The SGMP would provide guidance on managing odors during excavation. The SGMP would also require notification to the City's Toxics Management Division of any hazardous materials found in soils and groundwater during development. Additionally, the proposed project would be subject to the City's standard conditions of approval by the Toxics Management Division.

As a result of the conditions and policies described above, this potential impact would be less than significant.

c) There are no schools located within ¼-mile from the project site. As a result, this would be categorized as no impact.

d) The site is included on the list of hazardous materials sites compiled pursuant to Government Code 65962.5 (Cortese List) as "closed" cases.[6] As described in the Environmental Setting, the RWQCB issued a case closure letter for the clean-up case in September 2014, concluding that the current plume is restricted to the site and does not present a current or potential risk to human health or the environment. Therefore, the project would not create a significant hazard to the public or the environment and the impact would be less than significant.

e) The project is not located within a public airport land use plan or within two miles of a public use airport. As a result, this would be categorized as no impact.

[5] City of Berkeley, 2014 Local Hazard Mitigation Plan, June 1, 2014.
[6] State Water Resources Control Board. http://geotracker.waterboards.ca.gov. Accessed March 14, 2017.

f) The project site is not located within the vicinity of a private airstrip. Therefore, this would be categorized as no impact.

g) The proposed project would not interfere with emergency and evacuation plans, as specified in the City's 2014 Local Hazard Mitigation Plan. Therefore, this impact would be less than significant.

h) Wildlands do not exist within or adjacent to the project site. Therefore, this would be categorized as no impact.

5.9. HYDROLOGY AND WATER QUALITY

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Violate any water quality standards or waste discharge requirements?	☐	☐	X	☐
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	☐	☐	X	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner, which would result in substantial erosion or siltation on- or off-site?	☐	☐	X	☐
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on- or off-site?	☐	☐	X	☐
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	☐	☐	X	☐
f) Otherwise substantially degrade water quality?	☐	☐	X	☐
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	☐	☐	☐	X

h) Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?	☐	☐	☐	X
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	☐	☐	X	☐
j) Inundation by seiche, tsunami, or mudflow?	☐	☐	☐	X

ENVIRONMENTAL SETTING

The project site does not contain creeks, wetlands, or other water bodies and is located in Zone X, outside the 100-year flood zone. The project reduces impervious areas (which currently cover the entirety of the site) by approximately 1,500 square feet.

DISCUSSION

a,f) Compliance with the Alameda Countywide Clean Water Program NPDES Permit, including C.3 provisions and implementation of Best Management Practices (BMPs) appropriate to activities conducted on-site would limit the discharge of pollutants to the City's storm drainage system and reduce potential water quality impacts. Since the project would replace more than 10,000 square feet of impervious area, as a standard condition of approval, the project would incorporate stormwater controls to enhance water quality. This would include: a) site design measures to reduce impervious surfaces, promote infiltration, and reduce water quality impacts; b) source control measures to keep pollutants out of stormwater runoff; c) stormwater treatment measures that are hydraulically sized to remove pollutants from stormwater; d) an O & M (Operations and Maintenance) agreement for all stormwater treatment devices and installations; and e) engineering calculations for all stormwater devices (both mechanical and biological). These measures would filter contaminants from the stormwater before entering San Francisco Bay.

As described in the Environmental Setting in Section 5.6, the gas station and smog test center includes USTs and previous releases presumably associated with hydraulic lifts at the site. RWQCB issued a case closure letter for this case in September 2014, concluding that the current plume is restricted to the site and does not present a current or potential risk to human health or the environment. The closure letter did not include any site management requirements for the residual impact.

During operation of the project, the project is required, by standard conditions, to collect and convey all stormwater entering and/or originating from the development to an adequate downstream drainage facility. The project proposes to install stormwater planters along the street edge and courtyards to manage and treat runoff. Therefore, these potential impacts would be less than significant.

b) The project would not use groundwater to provide water for this project. Therefore, this would be categorized as a less-than-significant impact.

c-e) The existing site is covered completely by impervious surfaces without any stormwater controls. The project would remove approximately 1,500 square feet of impervious

surfaces and provide stormwater planters and other open spaces to manage and treat stormwater runoff. As a result, the project would not alter the existing drainage pattern of the site, such that substantial erosion or siltation would result or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on- or off-site, or exceed storm drain capacity. Therefore, this impact would be categorized as less than significant.

g-h) Housing would not be placed within a 100-year flood hazard area. The project would not expose people or structures to a significant risk of loss, injury or death involving flooding. Therefore, this would be categorized as no impact.

i) The project site is not located within a mapped dam failure inundation area. Therefore, this impact would be less than significant.

j) No enclosed large surface water bodies, which might be subject to potential impacts from seiches, are located in the project vicinity. The project site, at an elevation of 140 feet above sea level, would generally not be subject to coastal hazards (tsunami, sea level rise, or extreme high tides). Therefore, this potential impact would be less than significant.

5.10. LAND USE PLANNING

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Conflict with any applicable land use plan, policy or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☒

ENVIRONMENTAL SETTING

The project is located within an urbanized area.

DISCUSSION

a) The project site is an existing commercial property located in an urbanized area of Berkeley. The proposed project does not involve street closures, linear features or development that would separate land uses or neighborhoods. Redevelopment of the

project site would not physically divide an established community. There would be no impact.

b) The site is designated as Avenue Commercial in the City's General Plan and is located in the C-SA zoning district, which is generally intended for community-serving and regional-serving businesses, residential and mixed uses, and development and amenities that support pedestrian-oriented uses. The proposed use is consistent with the intent of the C-SA district and the Avenue Commercial designation, and generally consistent with Genera Plan policies. The project includes use permit requests to exceed the maximum height requirement of 36 feet and 3 stories for mixed use buildings and to exceed 40% lot coverage in the C-SA District, under BMC Section 23E.52.070.D.7. Therefore, the potential impact would be categorized as less than significant.

c) The project site is not located within any habitat conservation plan or natural community conservation plan area. As a result, the proposed project would not conflict with existing land use or planning policies of the community.

5.11. MINERAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	X
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	X

ENVIRONMENTAL SETTING

The project site is urbanized and is not known to contain any mineral resources.

DISCUSSION

a-b) The project site is not known to contain any mineral resources and thus would not result in the loss of locally important mineral resources. Therefore, there would be no impact with respect to mineral resources.

5.12. NOISE

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	X	☐
b) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?	☐	☐	X	☐
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	X	☐
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	☐	☐	X	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	X

ENVIRONMENTAL SETTING

External noise sources in the vicinity of the project site are primarily generated by vehicles.

DISCUSSION

a,c,d) The City's Community Noise Ordinance (Chapter 13.40 of the Municipal Code) establishes maximum permissible day and night noise levels based on the zoning district of the property subject to the noise. In commercial districts where the project site is located, the Ordinance generally allows noise levels up to 65 dBa between 7am and 10pm, and 60 dBa between 10pm and 7am. If the ambient noise levels in an area are greater than the permissible noise levels, then the maximum permissible noise level is to be adjusted to the ambient noise level.

The project would generate added noise, such as vehicle travel, rooftop mechanical equipment, and landscape maintenance activities. However, as described in Section 5.16(a), vehicle trips are expected to decrease as a result of redevelopment of the project site. Therefore, noise levels are not expected to change substantially from those currently

experienced in the area. Ambient noise levels could decrease for some of the adjacent properties, particularly further south of Ashby Street and west of Shattuck Avenue, due to the shielding of traffic noise by the proposed building. As required by Title 24 Building Code requirements, rooms where windows need to be closed to reach interior noise goals would need to include ventilation or air-conditioning units.

Short-term construction noise would be generated at the project site. Conditions of approval for the project allow construction hours from 8:00 a.m. and 6:00 p.m. on Monday through Friday, and between 9:00 a.m. and noon on Saturday. As a result, this potential impact during operation of the project and during construction would be less than significant.

b) Construction activities could contribute to short-term increases in vibration due to construction equipment, earthmoving, and vertical construction activities. No excessive vibration is anticipated during operation of the project. Therefore, vibration impacts would be less than significant.

e,f) The project site is located outside of an airport land use plan area, and not within the vicinity of a private airstrip. Therefore, this would be categorized as no impact.

5.13. POPULATION AND HOUSING

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	X	☐
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	X

ENVIRONMENTAL SETTING

The project site is currently occupied by a gas station and smog test center, with a surface parking lot. The project site is an infill site, surrounded by commercial and residential development.

DISCUSSION

a) The project would add 44 multi-family dwellings to the City's housing stock, which would contribute to the local population. However, the project is generally consistent with the General Plan and Zoning Ordinance, and population growth would not be substantial. Public streets and other infrastructure are readily available within the vicinity of the project site. Therefore, the project would not constitute direct or indirect growth inducing impacts for the City of Berkeley and the potential impact would be less than significant.

b-c) The project site is currently occupied by commercial uses and therefore would not displace any existing housing or residents. Therefore, these issues would be categorized as no impact.

5.14. PUBLIC SERVICES

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
i) Fire protection?	☐	☐	X	☐
ii) Police protection?	☐	☐	X	☐
iii) Schools?	☐	☐	X	☐
iv) Parks?	☐	☐	X	☐
v) Other public facilities?	☐	☐	X	☐

ENVIRONMENTAL SETTING

Fire and police protection are provided by the Berkeley Fire Department and Berkeley Police departments, respectively. Berkeley Unified School District (BUSD) provides school services for children in grades K through 12. Berkeley Unified School District has 3 preschools, 11 elementary schools, 3 middle schools, a comprehensive high school, a continuation high school and an Adult School. The City of Berkeley's Department of Parks, Recreation, and Waterfront manages approximately 235 acres of parks and marinas.

DISCUSSION

a.i-ii) The project may result in an incremental increase in police and fire service calls due to the addition of 44 households and commercial uses, but this would not result in substantial adverse physical impacts that would require new or expanded facilities. The site is an infill site, within an existing residential neighborhood, located approximately 0.4 miles from Fire Station No. 5, located at 2680 Shattuck Avenue. Adequate access to the project is provided for police, fire, and other emergency vehicles, from Ashby and Shattuck Avenues. Moreover, buildings are designed to meet the requirements of the California Building Code and other applicable City codes and all new buildings would be equipped with automatic fire suppression systems (sprinklers). Police and Fire service capacities exist to adequately serve the project and therefore the potential impact would be less than significant.

a.iii) The project site falls within BUSD's Southeast Zone for elementary schools, which encompasses Emerson, John Muir, LeConte, and Malcolm X. The site is located within the zone for Willard Middle School located at 2425 Stuart Street. Berkeley High School would accommodate high-school age public school students from the project. BUSD has not formally adopted a ratio to estimate the number of students that would be generated by housing units within the City. However, BUSD generally uses a ratio of 0.5 students per housing unit as an appropriate generation rate for multi-family housing. Using this rate, the project could generate up to 22 students. As a required impact fee, the project sponsor would pay a fee to BUSD to offset the project's impact to school facilities. As a result, the potential impact would be less than significant.

a.iv-v)The project may result in an incremental increase in the use of parks and public facilities, such as libraries, but would not result in substantial adverse effects or require the construction of new facilities. Moreover, the project includes over 2,000 square feet of open space area for use by residents. As a result, the potential impact would be less than significant.

5.15. RECREATION

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	☐	☐	☒	☐

ENVIRONMENTAL SETTING

The project site is within ½ mile of parks at Malcolm X and Le Conte schools, and the MLK Jr. Youth Services Center.

DISCUSSION

a) The project would result in an incremental increase in the use of existing neighborhood and regional parks and other recreational facilities. However, the addition of 44 households and commercial uses are not expected to result in substantial physical deterioration of these facilities. Moreover, the project includes over 2,000 square feet of open space area for use by residents. As a result, the potential impact would be less than significant.

b) The project includes landscape improvements along the sidewalk and frontage of the project, but does not include any recreational facilities. Therefore, the potential impact would be less than significant.

5.16. TRANSPORTATION AND TRAFFIC

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	☐	☐	X	☐
b) Conflict with an applicable congestion management program, including but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	☐	☐	X	☐
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location those results in substantial safety risks?	☐	☐	☐	X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	X
e) Result in inadequate emergency access?	☐	☐	X	☐

f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	☐	☐	X	☐

ENVIRONMENTAL SETTING

Access to the project site garage by vehicle would be provided on Shattuck Avenue. AC Transit bus stops for the 49 and 18 bus lines are located adjacent at the intersection abutting the project site. The site is also located .23 miles from the Ashby BART Station.

DISCUSSION

a) The City's level of service (LOS) standard states that an impact is significant when the criteria are reduced from LOS A, B, C, or D to LOS E (with the addition of 2 seconds of average delay) for signalized intersections. Intersections that exceed this service level threshold are considered to be impacted and should be considered for mitigation. For unsignalized intersections, additional considerations are involved, including the number of vehicles on the critical approach, vehicles contributed by the proposed project, and signal warrant analysis. At an unsignalized intersection, mitigation is required if a movement is LOS F, the peak hour signal warrant is met, and a minimum of 10 vehicles are added to the critical movement.

Three intersections were evaluated for potential impacts as a result of the project: Shattuck Avenue at Ashby Avenue, Emerson Street, and the project entrance. All of the intersections currently operate at acceptable levels of service (LOS D or better) and would continue to have acceptable conditions (LOS D or better) during the weekday AM and PM peak hours, with implementation of the project.[7]

Trip generation rates were assessed based on the 9th Edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual and reduced by 19%[8] to account for traffic conditions in this part of Berkeley. The project would generate approximately 40 vehicle trips during the AM peak hour and 41 trips during the PM peak hour. However, traffic counts for the current gas station on the site indicate that it generates more than twice the traffic that is forecast to be generated by the proposed project. Redevelopment of the site would result in a net reduction by approximately half in traffic on the surrounding roadway system: approximately 16 peak hour trips during the AM peak hour and about 44 trips during the PM peak hour.

As result, there would be no significant transportation impacts according to established standards and no off-site traffic or mitigations would be required. Therefore, the project would not conflict with an applicable plan, ordinance, or policy establishing measures of

[7] Abrams Associates, "Transportation Impact Analysis: 3000 Shattuck Avenue Mixed Use Project." May 31, 2017.
[8] Reduction based on data from the Alameda County Transportation Commission's Travel Demand Model, trip generation surveys compiled by ITE and the San Diego Association of Governments (SANDAG), and census data on vehicle ownership and travel patterns in this part of Berkeley.

effectiveness for the performance of the circulation system and the potential impact would be less than significant.

b) The project would not create 100 or more new peak hour trips, and the project would not exceed, either individually or cumulatively, an LOS standard established by the Alameda County Congestion Management Agency for designated roads or highways. As a result, Alameda County Congestion Management Agency's Congestion Management Program analysis is not required. Therefore, the project impact would be less than significant.

c) The project site is located 9 miles from the closest airport and therefore would not interfere with air traffic patterns nor increase air traffic levels. Therefore, the project would have no impact.

d-e) The project's sidewalks and emergency access have been designed to City standards and would provide adequate sight distances to accommodate the safe turning radius of emergency vehicles and passenger vehicles entering and exiting the driveway. The project would remove three of the four existing curb cuts, potentially reducing conflicts between modes. Therefore, the potential impact would be less than significant.

f) The project may incrementally increase the use of BART and bus transit, but is not expected to conflict with or decrease the performance of the existing transit system. There are existing bike lanes (Class II) on Adeline Street and one block to the north Russell Street is a Class III bike route and is designated as a bicycle boulevard. The project would improve the existing sidewalk by removing curb cuts and adding landscaping, and would add 60 bike parking spaces, which may increase the use of pedestrian and bicycle facilities, but not to the extent that would decrease the performance of these facilities. Therefore, the project would not conflict with adopted City policies supporting alternative transportation and the potential impact would be less than significant.

5.17. TRIBAL CULTURAL RESOURCES

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
a)Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	☐	☐	X	☐
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	X	☐

ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	X	☐

ENVIRONMENTAL SETTING

The project is located in an urbanized area with no known cultural resources.

DISCUSSION

a.i-ii) The project site has no known features with cultural value to a California Native American tribe and is not considered eligible for listing with the California Register of Historic Resources. Additionally, California Assembly Bill 52 of 2014 (AB 52) was enacted on July 1, 2015, and establishes a formal consultation process for California tribes regarding tribal cultural resources. The consultation process must be completed before a CEQA document can be certified. Under AB 52, lead agencies are required to "begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project." Native American tribes to be included in the process are those that have requested notice of projects proposed within the jurisdiction of the lead agency. The City of Berkeley prepared and sent a formal notification in accordance with the provisions of AB 52 to Andrew Galvan, of The Ohlone Tribe Inc. on May 9, 2017, who alerted the City on May 19, 2017 that no consultation was requested. As a result, the project would have a less-than-significant impact with respect to tribal cultural resources.

5.18. UTILITIES AND SERVICE SYSTEMS

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	☐	☐	X	☐
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	X	☐
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	☐	☐	X	☐

d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	☐	☐	X	☐
e) Result in a determination by the wastewater treatment provided which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	X	☐
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	X	☐
g) Comply with federal, state, and local statutes and regulations related to solid waste?	☐	☐	X	☐

ENVIRONMENTAL SETTING

The project site is an urban area served by existing infrastructure and utilities.

DISCUSSION

a,e) In compliance with a July 28, 2014 Consent Decree, the City has implemented a long-term mandated Sanitary Sewer Capital Improvement Program to eliminate Sanitary Sewer Overflows and reduce storm water infiltration and inflow (I/I) into the sanitary sewer system. Under this program, the City utilizes a comprehensive asset management approach based on complex and evolving hydrologic and hydraulic modeling and condition assessments to repair, replace, or upgrade the City's portion of the sanitary sewer system, ultimately to aid EBMUD in eliminating discharges from their Wet Weather Facilities by the end of 2035.

The project would generate an incremental increase in domestic wastewater, which would be treated by EBMUD treatment facilities. In addition, the project would use an incremental portion of EBMUD's wet weather treatment capacity. EBMUD is required to meet applicable Regional Water Board treatment requirements. Wastewater discharges that may occur at the project site would be required to comply with the terms of the permit requirements and may be subject to monitoring by EBMUD to ensure that the development's sewage discharge does not impair the ability to meet wastewater treatment objectives and requirements. Therefore, the impact to wastewater treatment requirements would be less than significant.

b) Development of the project on an infill site would not substantially increase water demand or wastewater generation compared to existing conditions, such that new or expanded water or wastewater treatment facilities would be required. The project would connect to EBMUD's existing water delivery and sanitary sewer systems within the vicinity of the site. It is anticipated that these pipelines would have sufficient capacity to support project water and wastewater flows. Therefore, the impact would be less than significant.

c) The project would include new connections to existing stormwater infrastructure. The existing site is a parking lot and is entirely paved. Development of the project would result

in a decrease of impervious surfaces by 1,500 square feet. Runoff would be treated in accordance with C.3 requirements, before flowing to the City's storm drain system. The project would include drought-tolerant landscaping; stormwater treatment planters; and water-efficient fixtures in residential and commercial kitchens and bathrooms to reduce the demand for and impacts to stormwater infrastructure. This system would manage and treat stormwater runoff from the project and is designed to filter pollutants, regulate flows, and allow infiltration. It would not necessitate the construction or expansion of storm drain facilities off-site that would result in significant environmental effects. As a result, the potential impact would be less than significant.

d) EBMUD owns, operates and maintains the water distribution system in the City. Both supply and demand vary seasonally and become critical during drought periods which can last several years. For planning purposes and looking to the year 2040, EBMUD's current water supply is sufficient to meet customer needs during normal years and single dry years.[9] EBMUD is pursuing a range of strategies to reduce demand and increase supply (including during multiple dry years), such as public outreach, leak fixes, water storage, infrastructure improvements and water conservation measures. EBMUD also imposes a system capacity charge on new developments to fund system maintenance and the development of new water sources. The project sponsor would be required to pay this fee and undertake water conservation measures. In addition, the project would be required to comply with Section 31 of EBMUD's Water Service Regulations, which require water-efficiency measures and appliances to be installed.[10] The project would also be required to coordinate with EBMUD and the City of Berkeley Fire Department to assess fire flow requirements and comply with them as part of the project. As result, the potential impact would be less than significant.

f-g) The City of Berkeley provides curbside recycling and refuse collection services to the project site. There are two permitted landfills in Alameda County with the capacity to accommodate solid waste generated in Berkeley: Altamont Landfill and the Vasco Road Sanitary Landfill. The combined permitted capacity of waste for these two landfills is 95 million cubic yards, which the project would not exceed.

The proposed project's demolition represents a lower level of material than most projects are required to do in Berkeley, given the low intensity of uses on the site. The existing building's 1-story footprint and that of the gasoline pump islands is a relatively small component of the site. All demolition and construction waste would be recycled to the extent feasible, and consistent with the Berkeley Green Code (Chapter 19.37 of the Municipal Code). A Waste Diversion Report, with receipts or weigh slips documenting debris disposal or recycling during all phases of the project, would be required as a standard condition of approval. The project would be required to comply with all federal, state, and local statutes and regulations related to solid waste. Therefore, these issues would be categorized as less-than-significant impacts.

[9] East Bay Municipal Utility District. "Water Supply Management Program 2040 Plan." April 2012.
[10] East Bay Municipal Utility District. "Section 31: Water Efficiency Requirements." July 15, 2015.

5.19. MANDATORY FINDINGS OF SIGNIFICANCE

Issues	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	X	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	X	☐
c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	X	☐

DISCUSSION

a) The project is located on an infill site that is completely paved and therefore not supportive of significant habitat or fish, wildlife, or plant species. There are no existing water bodies, or rare, endangered, or threatened species known to inhabit the subject property, nor are there historic resources. Therefore, the project would have a less-than-significant impact on biological and cultural resources.

b) Constructing this project would incrementally increase impacts to certain environmental factors as detailed in the preceding sections. However, given that the site is an infill location, surrounded by residential and commercial development and served by existing utilities and public facilities and services, the increases would not be cumulatively considerable. Therefore, this potential impact would be less than significant.

c) The project would not include any activities or uses causing substantial adverse effects on human beings either directly or indirectly or on the environment. The project has been designed to substantially comply with City of Berkeley General Plan and Zoning regulations and would incorporate conditions of approval to meet local codes and regulations, and mitigate potential impacts. The project design, existing regulations, and conditions of approval reduce potential impacts to less-than-significant levels.

Bibliography

Abrams Associates, "Transportation Impact Analysis: 3000 Shattuck Avenue Mixed Use Project." May 31, 2017.

Alameda County Transportation Commission, Alameda County Transportation Model, Final Model Documentation, August 2015.

Bay Area Air Quality Management District, CEQA Guidelines Updated May 2011, http://www.baaqmd.gov/~/media/Files/Planning%20and%20Research/CEQA/BAAQMD%20CEQA%20Guidelines%20May%202011.ashx?la=en. Accessed March 30, 2017.

California Department of Conservation, "Alameda County Important Farmland 2014." Map published December 2016.

California Department of Conservation, California Geological Survey, Oakland West Quadrangle.http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorymaps. Accessed March 14, 2017.

City of Berkeley, 2014 Local Hazard Mitigation Plan, June 1, 2014.

East Bay Municipal Utility District, "Water Supply Management Program 2040 Plan." April 2012.

East Bay Municipal Utility District, "Section 31: Water Efficiency Requirements." July 15, 2015.

Pangea Environmental Services, Inc, Environmental Review for Purchase and Site Redevelopment, Letter to Mr. Xin Jin, December 13, 2014.

State Water Resources Control Board. http://geotracker.waterboards.ca.gov/. Accessed March 14, 2017.

December 13, 2014

Mr. Xin Jin
3000 Shattuck, LLC
1958A University Ave
Berkeley, 94704

Re: **Environmental Review for Purchase and Site Redevelopment**
U.S. Smog and Gas
3000 Shattuck Avenue
Berkeley, California

Dear Mr. Jin:

As requested, Pangea Environmental Services, Inc (Pangea) has prepared this letter summarizing subsurface environmental conditions and regulatory oversight status to assist with your property transaction and planned future site redevelopment for the subject site. This summary is based on our understanding of site conditions from prior site work, a site inspection, review of information on the State Water Board's Geotracker database, and our experience with the California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB), the California UST Cleanup Fund (Cleanup Fund), the City of Berkeley's Toxics Management Division (TMD), and the City of Berkeley Department of Planning and Development. This letter also describes potential environmental costs associated with future site redevelopment.

BACKGROUND AND CORRECTIVE ACTION HISTORY

The Site is a retail service station and smog inspection facility, which historically has been characterized and remediated for constituents related to releases from the former underground storage tanks (USTs). In 1997, a 200-gallon waste oil tank was removed. In 2000, three 12,000-gallon gasoline USTs were removed and replaced with new double-walled USTs. Approximately 1,415 tons of soil was removed and disposed off site when the USTs and associated product lines were replaced in 2000. In February 2013, the local lead agency (TMD) confirmed completion of investigation and corrective action, and granted no further action for the release associated with the USTs (case #27540; City of Berkeley, 2013).

An additional investigation was opened at the site in December 2012 to address a potential new release presumably associated with the hydraulic lifts at the site. The new release was discovered during groundwater monitoring activities in October 2007; a sample was collected from the impacted well (A-2) in January 2008. A release notification dated December 12, 2012, listed both BP and property owner Shazada Khan as potential responsible parties. In February and March of 2013, groundwater samples were collected from impacted well A-2 and downgradient well AR-1. Investigations indicated that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

The RWQCB issued case closure for this case in September 2014. The RWQCB's closure summary, included in Attachment A, concluded that the 'current plume is restricted to the site and does not present a current or potential risk to human health or the environment.' The closure letter did not include any site management requirements for the residual impact.

REDUCED REGULATORY CONCERN FOR UST SITES

The State Water Resources Control Board recently commenced implementation of a *Low Threat Closure Policy* (LTCP) in November 2012. The LTCP, acknowledging that petroleum hydrocarbon releases have tended not to pose significant concern at most sites, established general and media-specific criteria for closing low-threat cases. This policy has drastically reduced the amount of corrective action performed for hydrocarbon release sites. In the event of a new authorized release at this site, the new LTCP policy would result in less corrective action than required previously.

CALIFORNIA UST CLEANUP FUNDS

Pangea understands that retail gasoline operations will resume following completion of the property transaction and securing a new tenant. In the event of a future unauthorized release from the UST system, the owner and/or operator of the system can apply to the Cleanup Fund for reimbursement of up to $1MM of corrective action costs. The UST Fund has been reauthorized until December 31, 2024.

SITE CONDITION EVALUATION

Available site data indicates that very limited, if any, residual gasoline-related impact is present at the site. The most recent subsurface data includes groundwater data from all program monitoring wells in January 2008, from select program wells in March 2010, and, in March 2014, from one well (AR-1) immediately downgradient of the current USTs and dispensers and one well (A-2) downgradient of the building and underground hoist area. No TPHg or BTEX compounds were detected in the onsite wells in 2008, 2010 and 2014. The only residual impact in groundwater is very low concentrations of the former gasoline additive MTBE (MTBE use was banned after 2004) and limited oil range impact, apparently related to a prior release of hydraulic oil. The depth to water has ranged from approximately 5 to 11 ft depth below grade surface.

Compliance testing of the fueling facilities was performed recently. Pangea is not aware of any recent releases at the site.

REDEVELOPMENT ISSUES

Pangea understands that prospective future redevelopment will involve only limited subsurface work to install site utilities and the building foundation; no other subgrade development is planned. In conjunction with future redevelopment, the City of Berkeley may require a soil and groundwater management plan to ensure proper handling and disposal of material during construction. If significant hydrocarbon impact is found during UST removal or redevelopment activities, some soil removal and subsurface soil and soil gas sampling may be required by the oversight agencies. To help mitigate potential vapor intrusion from any residual hydrocarbon impact, the local agencies may require mitigation measures such as a passive ventilation system and/or vapor barrier. Estimated cost for these mitigation measures, if implemented during redevelopment, ranges from $10,000 to $100,000. The oil range impact does not represent a significant vapor intrusion concern. However, the estimated cost to excavate the oil impact, if performed during redevelopment, ranges from $10,000 to $50,000.

CONCLUSIONS

Based on the above information, Pangea concludes the following:

- The local agencies have issued regulatory case closure for two site cases in 2013 and 2014, concluding that the plume is restricted to the site and does not present a current or potential risk to human health or the environment. The closure letter did not include any site management requirements for the residual impact.

- Groundwater data from March 2014 immediately downgradient of the USTs and dispensers indicates that no new unauthorized release of gasoline at that time. Since March 2014 compliance testing has been performed to further evaluate the potential for hydrocarbon release.

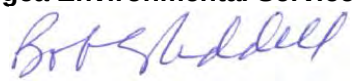
- In the event of a future unauthorized release from the UST system, the owner and/or operator of the system can apply to the California UST Cleanup Fund for reimbursement of up to $1MM of corrective action costs; the UST Fund has been reauthorized until December 31, 2024.

- Based on future redevelopment plans, construction activity is not anticipated to extend to groundwater (5 to 11 ft depth) where limited residual hydrocarbon may be present.

- If significant hydrocarbon impact is found during UST removal or redevelopment activities, soil removal and soil/soil gas sampling may be required by the oversight agencies. To help mitigate potential vapor intrusion from any residual hydrocarbon impact, the local agencies may require mitigation measures such as a passive ventilation system and/or vapor barrier. Estimated cost for these mitigation measures, if implemented during redevelopment, ranges from $10,000 to $100,000. The oil range impact does not represent a significant vapor intrusion concern. However, the estimated cost to excavate the oil impact, if performed during redevelopment, ranges from $10,000 to $50,000.

Pangea hopes this letter provides valuable information. If you have any questions, please feel free to contact me at (510) 435-8664 or briddell@pangeaenv.com.

Sincerely,
Pangea Environmental Services, Inc.



Bob Clark-Riddell, P.E.
Principal Engineer

Attachments: A - Case Closure Letters and Recent Groundwater Data

ATTACHMENT A

Case Closure Letters and Recent Groundwater Data

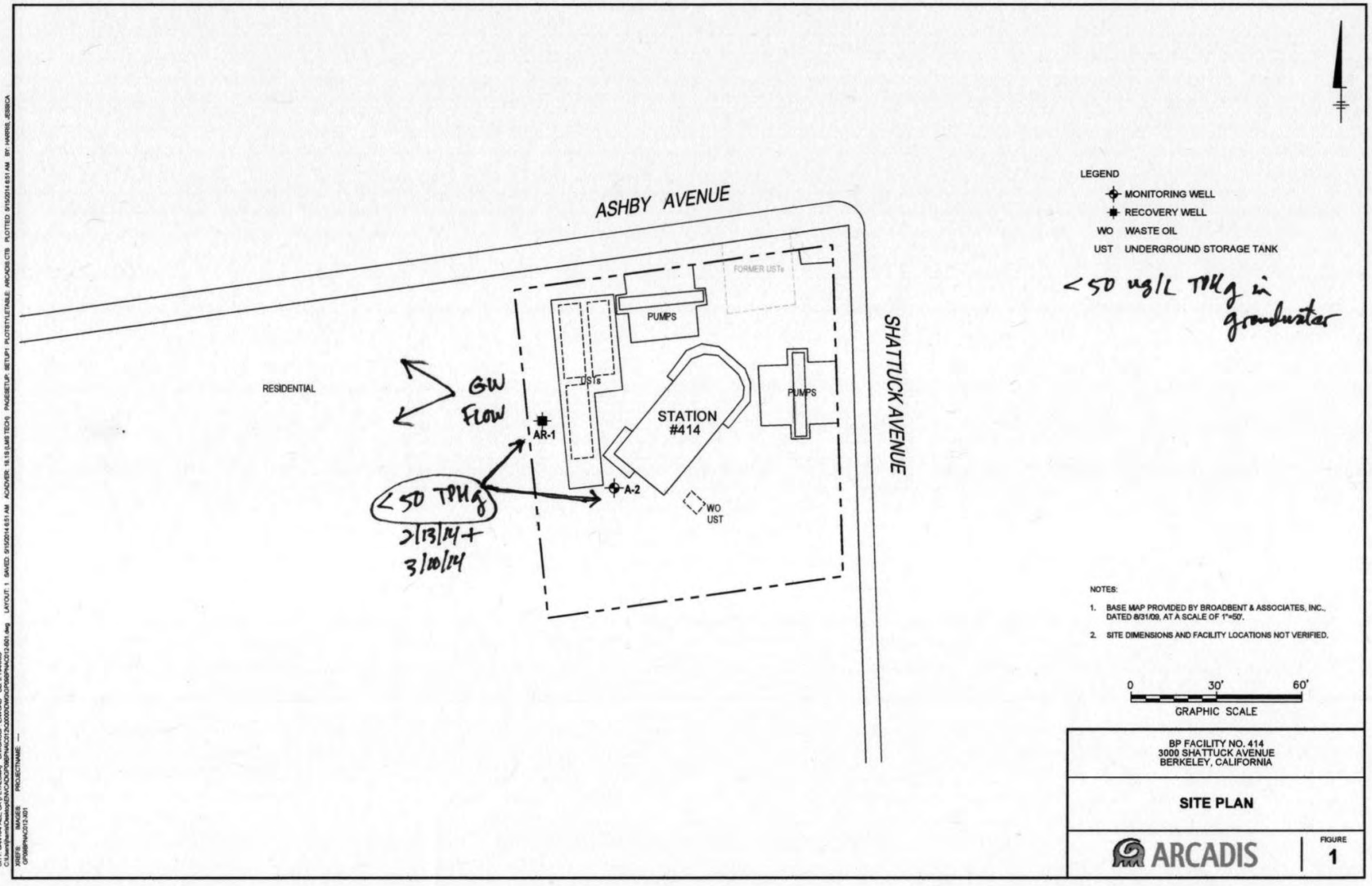
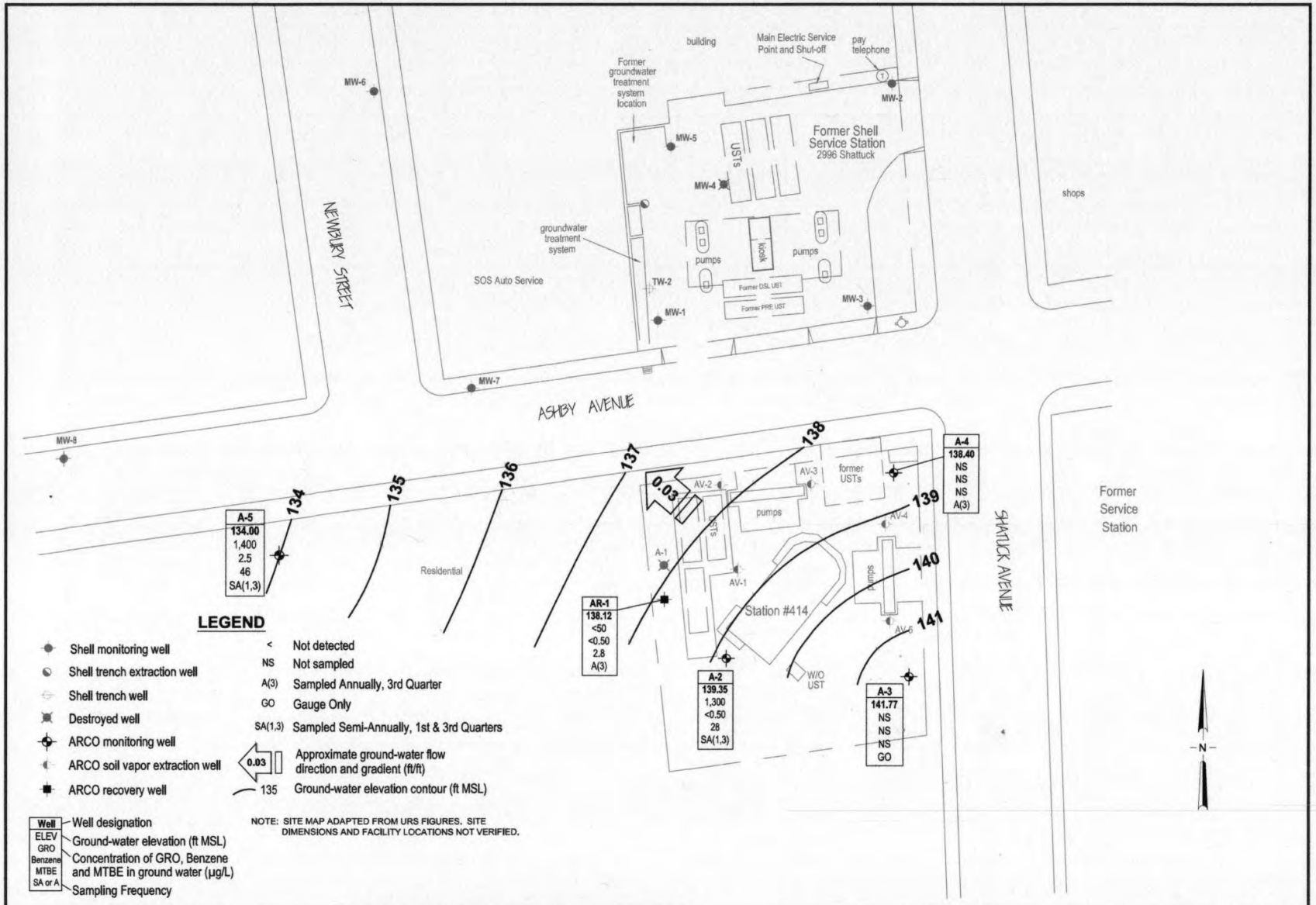

ASHBY AVENUE
SHATTUCK AVENUE
RESIDENTIAL
GW FLOW
AR-1
USTs
PUMPS
FORMER USTs
STATION #414
PUMPS
A-2
WO
UST
< 50 TPHg
2/13/14 +
3/10/14
LEGEND
MONITORING WELL
RECOVERY WELL
WO WASTE OIL
UST UNDERGROUND STORAGE TANK
< 50 ug/L TPHg in groundwater
NOTES:
1. BASE MAP PROVIDED BY BROADBENT & ASSOCIATES, INC., DATED 8/31/09, AT A SCALE OF 1"=50'.
2. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.
0
30'
60'
GRAPHIC SCALE
BP FACILITY NO. 414
3000 SHATTUCK AVENUE
BERKELEY, CALIFORNIA
SITE PLAN
ARCADIS
FIGURE
1

Table 1
Summary Of Groundwater Monitoring Data
3000 Shattuck Avenue, Berkeley, California

Well ID	Date	TPHg (µg/L)	MTBE (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Mineral Oil (µg/L)	Hydraulic Oil (µg/L)	Transmission Oil (µg/L)	Jet A (µg/L)
A-2	1/31/2008	1,300	28	1,900	<1,900	3,500	3,300	3,700	470
	2/13/2014	<50	--	270	330	350	--	--	--
	3/10/2014	<50	6.9	410 Y	360	410 Y	790 Y	670 Y	<50
AR-1	1/31/2008	<50	2.8	100	<470	--	--	--	--
	2/13/2014	<50	--	86	<100	--	--	--	--
	3/10/2014	<50	1.6	130 Y	<300	<300	310	<300	<50

Notes: TPHg - total petroleum hydrocarbons as gasoline range organics
TPHd - total petroleum hydrocarbons as diesel range organics
TPHmo - total petroleum hydrocarbons as motor oil range organics
Y - sample exhibits chromatographic pattern which does not resemble standard
µg/L - micrograms per liter


building
Main Electric Service Point and Shut-off
pay telephone
Former groundwater treatment system location
MW-6
MW-2
MW-5
USTs
Former Shell Service Station
2996 Shattuck
MW-4
shops
NEWBURY STREET
groundwater treatment system
pumps
kiosk
pumps
SOS Auto Service
TW-2
Former DSL UST
Former PRE UST
MW-3
MW-1
MW-7
ASHBY AVENUE
MW-8
134
135
136
137
138
139
140
141
0.03
AV-2
AV-3
former USTs
A-4
138.40
NS
NS
NS
A(3)
pumps
AV-4
A-5
134.00
1,400
2.5
46
SA(1,3)
Residential
A-1
AV-1
Station #414
AR-1
138.12
<50
<0.50
2.8
A(3)
A-2
139.35
1,300
<0.50
28
SA(1,3)
W/O UST
A-3
141.77
NS
NS
NS
GO
SHATTUCK AVENUE
Former Service Station
N
LEGEND
Shell monitoring well
Shell trench extraction well
Shell trench well
Destroyed well
ARCO monitoring well
ARCO soil vapor extraction well
ARCO recovery well
< Not detected
NS Not sampled
A(3) Sampled Annually, 3rd Quarter
GO Gauge Only
SA(1,3) Sampled Semi-Annually, 1st & 3rd Quarters
0.03 Approximate ground-water flow direction and gradient (ft/ft)
135 Ground-water elevation contour (ft MSL)
Well Well designation
ELEV Ground-water elevation (ft MSL)
GRO
Benzene
MTBE
SA or A Concentration of GRO, Benzene and MTBE in ground water (µg/L)
Sampling Frequency
NOTE: SITE MAP ADAPTED FROM URS FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.
0
50
100
SCALE (ft)
BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California
Project No.: 06-08-603 Date: 2/28/08
Station #414
3000 Shattuck Avenue
Berkeley, California
Ground-Water Elevation Contour and Analytical Summary Map
31 January 2008
Drawing
1

Planning and Development Department
Toxics Management Division
February 14, 2013

British Petroleum
c/o Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

Subject: **Approval of Request for No Further Action**
Arco # 00414, Berkeley Case No 27540;
RWQCB No. 01-0102 3000 Shattuck Avenue, Berkeley, California 94702

Dear Ms. Wager,

This letter confirms the completion of a site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank is greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety code and with the corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release at the site is required. This notice is issued pursuant to subdivision (g) of Section 25296.1 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Geoffery Fiedler
Hazardous Materials Specialist, II

Cc: Shazada Khan, U.S. Smog and Gas, 3000 Shattuck Avenue Berkeley, California 94705

CALIFORNIA Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

September 3, 2014
File No. 01S0746 (RL)

BP West Coast Products, LLC
c/o Ms. Janet Wager
BP Remediation Management
201 Helios Way
Houston, Texas 77079

SUBJECT: No Further Action, U.S. Smog and Gas, 3000 Shattuck Avenue, Berkeley, Alameda County

Dear Ms. Wager:

This letter confirms the completion of site investigation and remedial action for the pollutant releases at the subject site. The attached Case Closure Summary describes remedial activities and our case-closure rationale.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the pollutant releases at the subject site is required.

If you have any questions concerning this letter, please contact Randy Lee of my staff at (510) 622-2375, [e-mail: rylee@waterboards.ca.gov].

Sincerely,

Bruce H. Wolfe
Executive Officer

Attachment: Case Closure Summary
cc w/attach: Mailing List (next page)

Mailing List:

Nabil Al-Hadithy
Manager
City of Berkeley
2118 Milvia Street, Suite 200
Berkeley, California 94704

U.S. Smog and Gas
3000 Shattuck Avenue
Berkeley, CA, 947054

Hollis Phillips
Arcadis US Inc.,
100 Montgomery Street, Suite 300
San Francisco, CA 94539
Hollis.Phillips@arcadis-us.com

Khan Shazada & Farhat
47856 Avalon Heights Terrace
Fremont, CA 94539

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: 9/3/2014

Agency Name: SF Bay Regional Water Quality Control Board	Address: 1515 Clay Street, Suite 1400
City/State/Zip: Oakland, CA 94612	Phone: 510-622-2300
Responsible Staff Person: Randy Lee	Title: Water Resource Control Engineer

II. SITE INFORMATION

Site Facility Name: U.S. Smog and Gas (a.k.a. ARCO # 00414)		
Site Facility Address: 3000 Shattuck Ave Berkeley		
RB Case No.: 01S0746 (aka 01-0102)	Local Case No.: 27540	Priority:
Responsible Parties (include addresses and phone numbers)		
Jim Smith BP Remediation Management, 201 Helios Way, Houston, Texas, 77079		
(713) 323-4153		

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1*	200	waste oil	removed	11/19/1997
2*	12,000	gasoline	removed	8/11/2000
3*	12,000	gasoline	removed	8/11/2000
4*	12,000	gasoline	removed	8/11/2000
(* Closed by City of Berkeley on 2/14/2013)				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: leakage from USTs and hydraulic lifts		
Site characterization complete? yes	Date Approved by Oversight Agency: 2/14/2013	
Monitoring wells installed? yes	Number: 6	Proper screened interval? yes
Highest GW Depth Below Ground Surface: 11.28 ft bgs	Lowest Depth: 4.61 ft bgs	Flow Direction: ranged from northwest to southwest, with the predominant direction to the west
Most Sensitive Current Use: municipal, industrial process, industrial service and agricultural are identified in the Basin Plan		
Most Sensitive Potential Use		

and Probability of Use : municipal, industrial process, industrial service and agricultural are identified in the Basin Plan	
Are drinking water wells affected? no	Aquifer Name: n/a
Is surface water affected? no	Nearest surface water name: San Francisco Bay
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Report(s) on file? yes	Where is report(s) filed? GeoTracker

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	4	1 waste oil tank - 11/19/1997- unknown 3 gasoline USTs -8/11/2000- Disposal (Mid-Valley Landfill)	11/19/1997 & 8/11/2000
Piping	unknown	Disposal (Mid-Valley Landfill)	8/11/2000
Free Product	400 gallon	Disposal (DeMeeno/Kerdoon in Compton CA)	8/11/2000
Soil	1,416 ton	Disposal (Forward Landfill, Manteca, CA)	8/11/2000
Groundwater	1,200 gallon	Disposal (Seaport Environmental Facility, Redwood City, CA)	8/11/2000
Barrels			

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPHg 27540-closed)	8,410	n/a	31,000	<50	TPHg (*01S0746*)	n/a	n/a	1,300	<50
Benzene (27540-closed)	3.44	n/a	5,900	<0.5	MTBE (*01S0746*)	n/a	n/a	28	6.9
Toluene (27540-closed)	136	n/a	6,500	<0.5	TPHd (*01S0746*)	n/a	n/a	1,900	410
Ethylbenzene (27540-closed)	127	n/a	620	<0.5	TPHmo (*01S0746*)	n/a	n/a	<1,900	360
Xylenes (27540-closed)	531	n/a	4,600	<0.5	Mineral oil (*01S0746*)	n/a	n/a	3,500	410
MTBE (27540-closed)	19.8	n/a	8,400	2,130	Hydraulic oil (*01S0746*	n/a	n/a	3,300	790

TPHd (27540-closed)	1,920	n/a	n/a	100	Transmission Oil (*01S0746*)	n/a	n/a	3,700	670
Lead (27540-closed)	<7.5	n/a	n/a	n/a	Jet A (*01S0746*)	n/a	n/a	470	<50

Comments (Depth of Remediation, etc.):

- GRI removed an oil/water separator in June 1992.
- GSI conducted vapor extraction tests on August 18 and November 19, 1992, using vapor extraction wells AV-1 through AV-6. Based on the results of the two tests, vapor extraction was deemed a suitable remedy based on an estimated radius of influence of 20 to 30 feet (GSI 1992c).There is no available documentation stating that recovery well AR-1 or the six vapor extraction wells were ever used for full-scale remediation purposes.
- Oxygen release compound (ORC) socks were used at wells AR-1 and A-1 through A-4 for various time periods from the third quarter 1996 to the first quarter 1997.
- Cambria removed three fiberglass USTs in August 2000 and installed new tanks.
- Cambria removed approximately 1,415 tons of soil and disposed of the soil off site in 2000 when the tanks and associated product lines were excavated.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? yes		
Does corrective action protect public health for current land use? yes		
Site Management Requirements: none		
Monitoring Wells Decommissioned: A-1	Number Decommissioned: 1	Number Retained: 5 (to be destroyed upon closure)
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Case Closure Summary Report	6/9/2010
Approval of Request for No Further Action	2/14/2013
BP414 Summary of Investigation Results	7/9/14

VI. ADDITIONAL COMMENTS, DATA, ETC.

The Site is an operational service station, which historically has been characterized and remediated for constituents related to releases from the former USTs. In February 2013, confirmation of completion of investigation and corrective action was given for the Site, and no further action was granted for the release associated with the USTs (case #27540; City of Berkeley, 2013).

However, an additional investigation was opened at the Site in December 2012 prior to closure of the original case to address a potential new release likely associated with the hydraulic lifts present at the Site. The new release was discovered during groundwater monitoring activities in October 2007, a sample from the impacted well was not collected until first quarter 2008. The release notification, dated December 12, 2012, lists both BP and the current property owner (Shazada Khan) as potential responsible parties (PRP). In February and March of 2013, groundwater samples were collected from the impacted well and the downgradient wells. The investigations indicate that the nature and extent of hydraulic fluid contamination has been adequately characterized, and the associated plume is decreasing in size.

In June 2013, the case involving the potential release associated with the hydraulic lifts was referred to the San Francisco Bay Regional Water Board (Case # 01S0746, RWQCB). The current plume is restricted to the Site and does not present a current or potential risk to human health or the environment. Based on results of characterization activities, ARCADIS requested case closure on behalf of BP on July 9, 2014. This case closure summary prepared by the Regional Water Board, although included prior information related to the UST releases, is intended to close investigation associated with the potential release associated with the hydraulic lifts.

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

Transportation Impact Analysis

3000 SHATTUCK AVENUE MIXED USE PROJECT

City of Berkeley

Prepared by:
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Abrams Associates
TRAFFIC ENGINEERING, INC.

MAY 31, 2017

Abrams Associates
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3000 Shattuck Avenue Mixed Use Project
in the
City of Berkeley

TRANSPORTATION AND CIRCULATION

1) EXECUTIVE SUMMARY

The 3000 Shattuck Avenue mixed use project is proposed to include 44 apartment units and 4,015 of retail/restaurant space. **Figure 1** shows the location of the project and the surrounding roadway network and **Figure 2** shows the ground floor site plan for the project**.** Based on the trip generation forecasts the project would result in a net reduction in traffic on the surrounding street system. Traffic counts of the current gas station on the site indicate it generates more than twice the traffic that is forecast to be generated by the proposed project. The project itself is forecast to generate approximately 40 vehicle trips during the AM peak hour and 41 trips during the PM peak hour. However, please note these numbers do not take into account removal of the trips from the service station that currently operates on the site. Again, if the removal of traffic from the existing service station is accounted for then the implementation of the proposed project results in a reduction in traffic on the surrounding roadway system.

Based on a detailed analysis conducted according to City's guidelines there would be no significant transportation impacts according to established standards and no off-site traffic or transportation mitigations would be required.[1] The City's base code requirement for the project is 43 parking spaces and the project is proposing to accommodate its parking demand by providing 17 parking spaces which would include 5 car share spaces. The project would exceed the requirements for on-site bicycle parking by providing parking for 48 bicycles and is located less than four blocks from the Ashby BART Station.

2) INTRODUCTION

This transportation impact analysis describes the existing and future conditions for transportation and circulation both with and without the proposed project. The study presents information on the regional and local roadway networks, the pedestrian and transit conditions, and provides an analysis of the effects on transportation facilities associated with the project.

This study also describes the regulatory setting; the criterion used for determining the significance of environmental impacts; and summarizes potential environmental impacts and appropriate mitigation measures when necessary. This study has been conducted in accordance with the requirements and methodologies set forth by the City of Berkeley, Alameda County, Caltrans, and the applicable provisions of CEQA.

3) ENVIRONMENTAL SETTING

This section of the report describes the roadways, traffic conditions and other existing transportation characteristics in the vicinity of the project. The primary basis for the traffic operations portion of the analysis is the peak hour level of service at the key study intersections. In this report, these peak commute hours will be identified as the AM and PM peak hours.

[1] *Guide for Development of Traffic Impact Reports*, City of Berkeley Office of Transportation, Berkeley, CA, January, 2009.

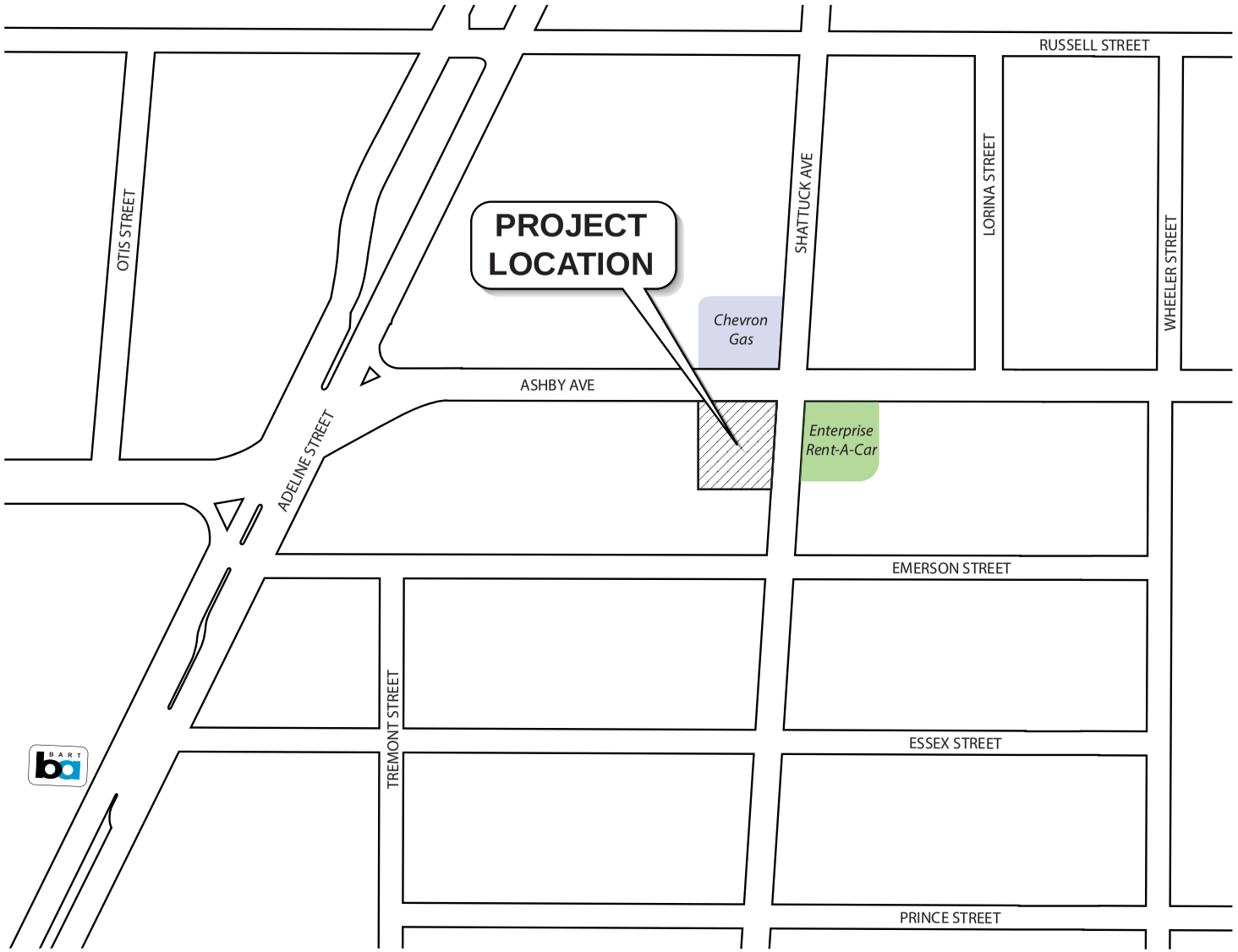

FIGURE 1 | PROJECT LOCATION
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

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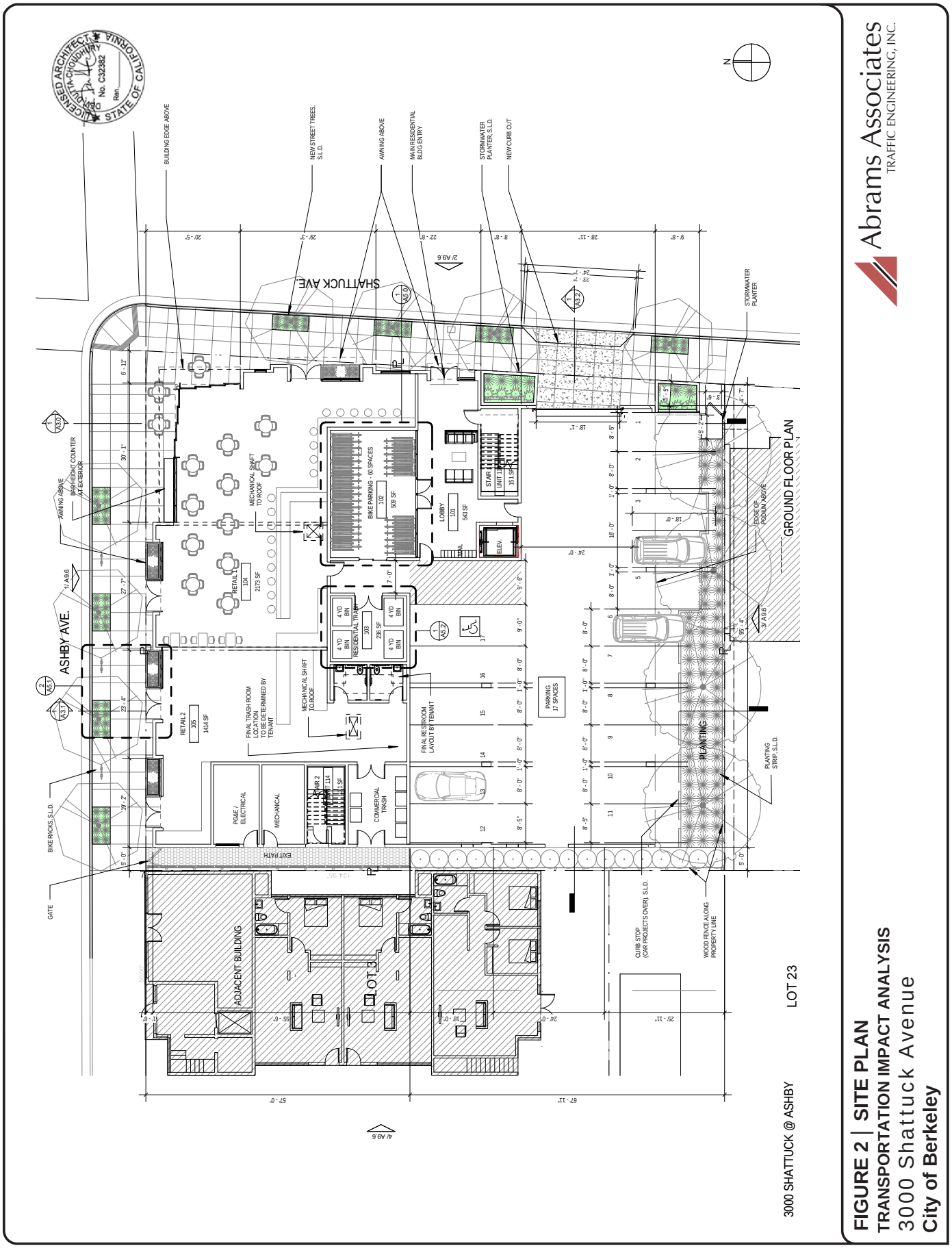

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FIGURE 2 | SITE PLAN
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

3.1 Project Study Intersections

Based on the project's trip generation and the potential for traffic impacts an analysis of the intersections of Shattuck Avenue with Ashby Avenue, Emerson Street, and the project entrance was required. **Figure 1** presents the location of the project study intersections where a detailed level of service analysis was prepared.

3.2 Traffic Analysis Scenarios

The study intersections were evaluated for the following six scenarios:

- Scenario 1: *Existing Conditions* – Level of Service (LOS) based on existing peak hour volumes and existing intersection configurations.
- Scenario 2: *Existing Plus Project* – Existing traffic volumes plus trips from the proposed project.
- Scenario 3: *Baseline (No Project) Conditions* – The Baseline scenario is based on the existing volumes plus growth in background traffic (for two years) plus the traffic from all reasonably foreseeable developments that could substantially affect the volumes at the project study intersection.
- Scenario 4: *Baseline Plus Project Conditions* – This scenario is based on the Baseline traffic volumes plus the trips that would be generated by the proposed project.

3.3 Existing Roadway Network

As shown on **Figure 1**, the roads that would be primarily affected by the project are Shattuck Avenue, Ashby Avenue and Emerson Street. The following is a brief description of these roadways:

- **Shattuck Avenue –** Shattuck Avenue is a four lane arterial roadway extending south from Vine Street to terminate to the south at Telegraph Avenue in the City of Oakland. It serves school, residential and commercial traffic and is an important north-south travel route. It is designated as a major street and a primary transit route in the City's General Plan.
- **Ashby Avenue –** Ashby Avenue is a two lane roadway extending east from I-80 to terminate to the west at Tunnel Road. It is also designated as State Route 13 in the City of Berkeley. It serves school, residential and commercial traffic and is an important east-west travel route.
- **Emerson Street –** Emerson Street is a two-lane local residential roadway in the City of Berkeley that extends west from Webster Street and terminates at Adeline Street. These roadways serve school, residential and commercial traffic.

3.4 Intersection Analysis Methodology

Existing operational conditions at the study intersection was evaluated according to the requirements set forth by the City of Berkeley. Analysis of traffic operations was conducted using the 2010 *Highway Capacity Manual* (*HCM*) Level of Service (LOS) methodology with Synchro software.[1]

Level of service is an expression, in the form of a scale, of the relationship between the capacity of an intersection (or roadway segment) to accommodate the volume of traffic moving through it at any given time. The level of service scale describes traffic flow with six ratings ranging from A to F, with "A" indicating relatively free flow of traffic and "F" indicating stop-and-go traffic characterized by traffic jams.

As the amount of traffic moving through a given intersection or roadway segment increases, the traffic flow conditions that motorists experience rapidly deteriorate as the capacity of the intersection or roadway segment is reached. Under such conditions, there is general instability in the traffic flow, which means that relatively small incidents (e.g., momentary engine stall) can cause considerable fluctuations in speeds and delays that lead to traffic congestion. This near-capacity situation is labeled level of service (LOS) E.

Beyond LOS E, the intersection or roadway segment capacity has effectively been exceeded, and arriving traffic will exceed the ability of the intersection to accommodate it. **Table 1** summarizes the relationship between LOS, average control delay, and the volume to capacity ratio at signalized intersections. **Table 2** summarizes the relationship between LOS and delay at unsignalized intersections

For signalized intersections, The City of Berkeley's LOS standards are based on the average delay for the entire intersection. The *HCM* methodology determines the capacity of each lane group approaching the intersection. The LOS is then based on average control delay (in seconds per vehicle) for the various movements within the intersection. A combined weighted average control delay and LOS are presented for the intersection. A summary of the HCM results and copies of the detailed HCM LOS calculations are included in the appendix to this report.

For unsignalized (all-way stop controlled and two-way stop controlled) intersections, the average control delay and LOS operating conditions are calculated by approach (e.g., northbound) and movement (e.g., northbound left-turn) for those movements that are subject to delay. Operating conditions for unsignalized intersections are presented for the worst approach.

[1] *2010 Highway Capacity Manual*, Transportation Research Board, Washington D.C., 2011

TABLE 1
SIGNALIZED INTERSECTION LEVEL OF SERVICE DEFINITIONS

Level of Service	Description of Operations	Average Delay (sec/veh)	Volume to Capacity Ratio
A	Insignificant Delays: No approach phase is fully used and no vehicle waits longer than one red indication.	≤ 10	< 0.60
B	Minimal Delays: An occasional approach phase is fully used. Drivers begin to feel restricted.	> 10 to 20	> 0.61 to 0.70
C	Acceptable Delays: Major approach phase may become fully used. Most drivers feel somewhat restricted.	> 20 to 35	> 0.71 to 0.80
D	Tolerable Delays: Drivers may wait through no more than one red indication. Queues may develop but dissipate rapidly without excessive delays.	> 35 to 55	> 0.81 to 0.90
E	Significant Delays: Volumes approaching capacity. Vehicles may wait through several signal cycles and long vehicle queues from upstream.	> 55 to 80	> 0.91 to 1.00
F	Excessive Delays: Represents conditions at capacity, with extremely long delays. Queues may block upstream intersections.	> 80	> 1.00

SOURCES: 2010 *Highway Capacity Manual*, Transportation Research Board, 2011.

TABLE 2
UNSIGNALIZED INTERSECTION LEVEL OF SERVICE DEFINITIONS

Level of Service	Description of Operations	Average Delay (seconds/vehicle)
A	No delay for stop-controlled approaches.	0 to 10
B	Operations with minor delays.	> 10 to 15
C	Operations with moderate delays.	> 15 to 25
D	Operations with some delays.	> 25 to 35
E	Operations with high delays and long queues.	> 35 to 50
F	Operation with extreme congestion, with very high delays and long queues unacceptable to most drivers.	> 50

SOURCE: 2010 *Highway Capacity Manual*, Transportation Research Board, 2011.

3.5 Existing Intersection Capacity Conditions

The existing intersection geometry at the project study intersections is presented in **Figure 3**. The existing traffic volumes at these intersections for the weekday AM and PM peak hours are presented in **Figure 4**. Traffic counts at the intersection were conducted in August, 2014. **Table 3** summarizes the associated LOS computation results for the existing weekday AM and PM peak hour conditions at these intersections. As shown in **Table 3**, all of the study intersections currently have acceptable conditions (LOS D or better) during the weekday AM and PM peak hours. Please note the detailed LOS calculations are included in the technical appendix to this report**.**

3.6 Pedestrian and Bicycle Facilities

Bicycle paths, lanes and routes are typical examples of bicycle transportation facilities, which are defined by Caltrans as being in one of the following three classes:

Class I – Provides a completely separated facility designed for the exclusive use of bicyclists and pedestrians with crossing points minimized.
Class II – Provides a restricted right-of-way designated lane for the exclusive or semi-exclusive use of bicycles with through travel by motor vehicles or pedestrians prohibited, but with vehicle parking and cross-flows by pedestrians and motorists permitted.
Class III – Provides a right-of-way designated by signs or permanent markings and shared with pedestrians and motorists.

There are existing bike lanes (Class II) on Adeline Street and one block to the north Russell Street is a Class III bike route and is designated as an official bicycle boulevard with signage and pavement markings encouraging motorists to share the road with bicyclists.

TABLE 3
EXISTING INTERSECTION LEVEL OF SERVICE CONDITIONS

	INTERSECTION	CONTROL	PEAK HOUR	EXISTING	
				Delay	LOS
1	SHATTUCK AVENUE AT ASHBY AVENUE	Signalized	AM	13.3	B
			PM	13.8	B
2	SHATTUCK AVENUE AT THE PROJECT ENTRANCE	Side Street Stop	AM	N/A	N/A
			PM	N/A	N/A
3	SHATTUCK AVENUE AT EMERSON STREET	Side Street Stop	AM	15.4	B
			PM	23.3	C

SOURCE: Abrams Associates, 2015
NOTES: HCM LOS results are presented in terms of average intersection delay in seconds per vehicle.

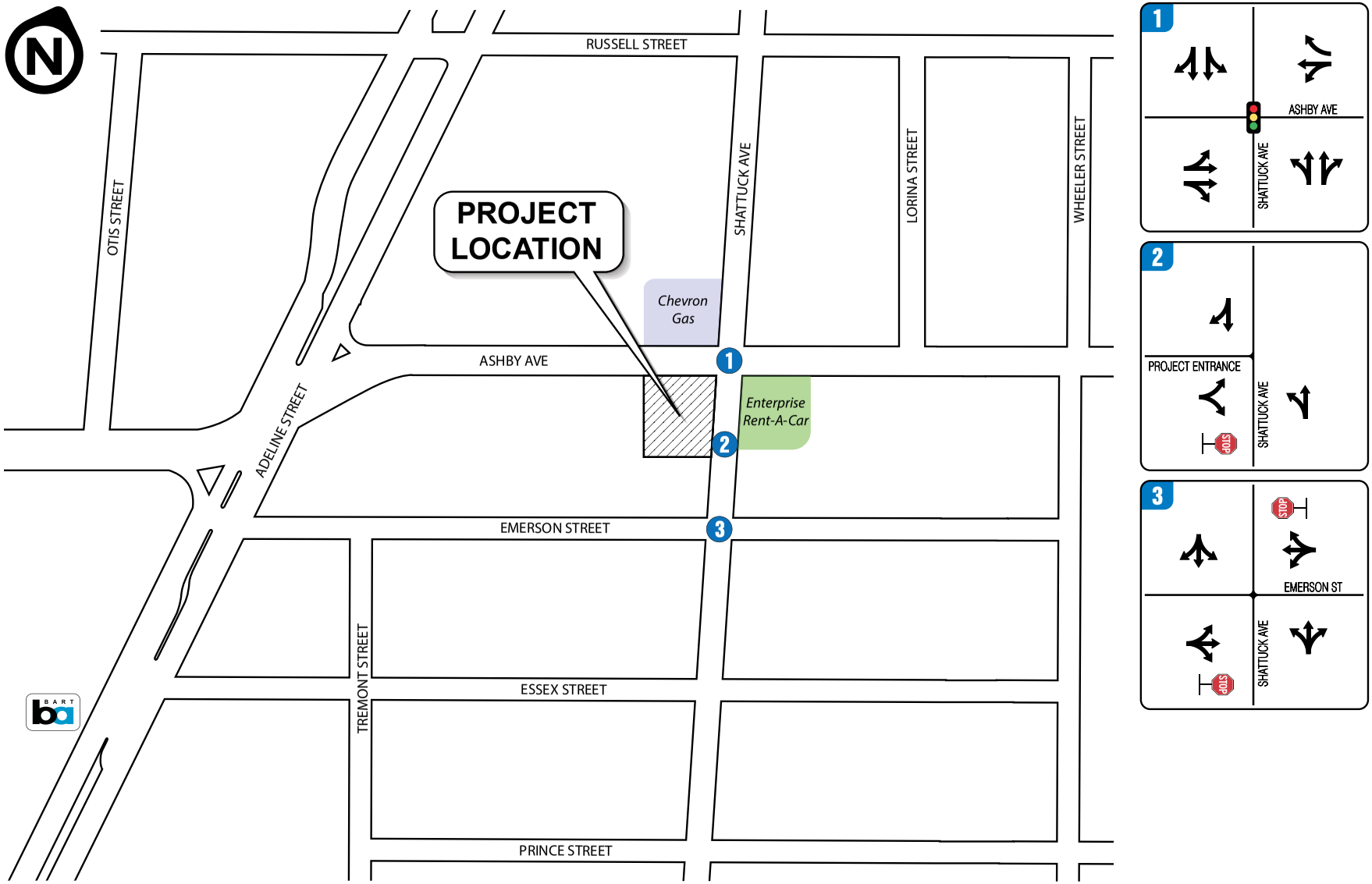

FIGURE 3 | EXISTING LANE CONFIGURATION
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

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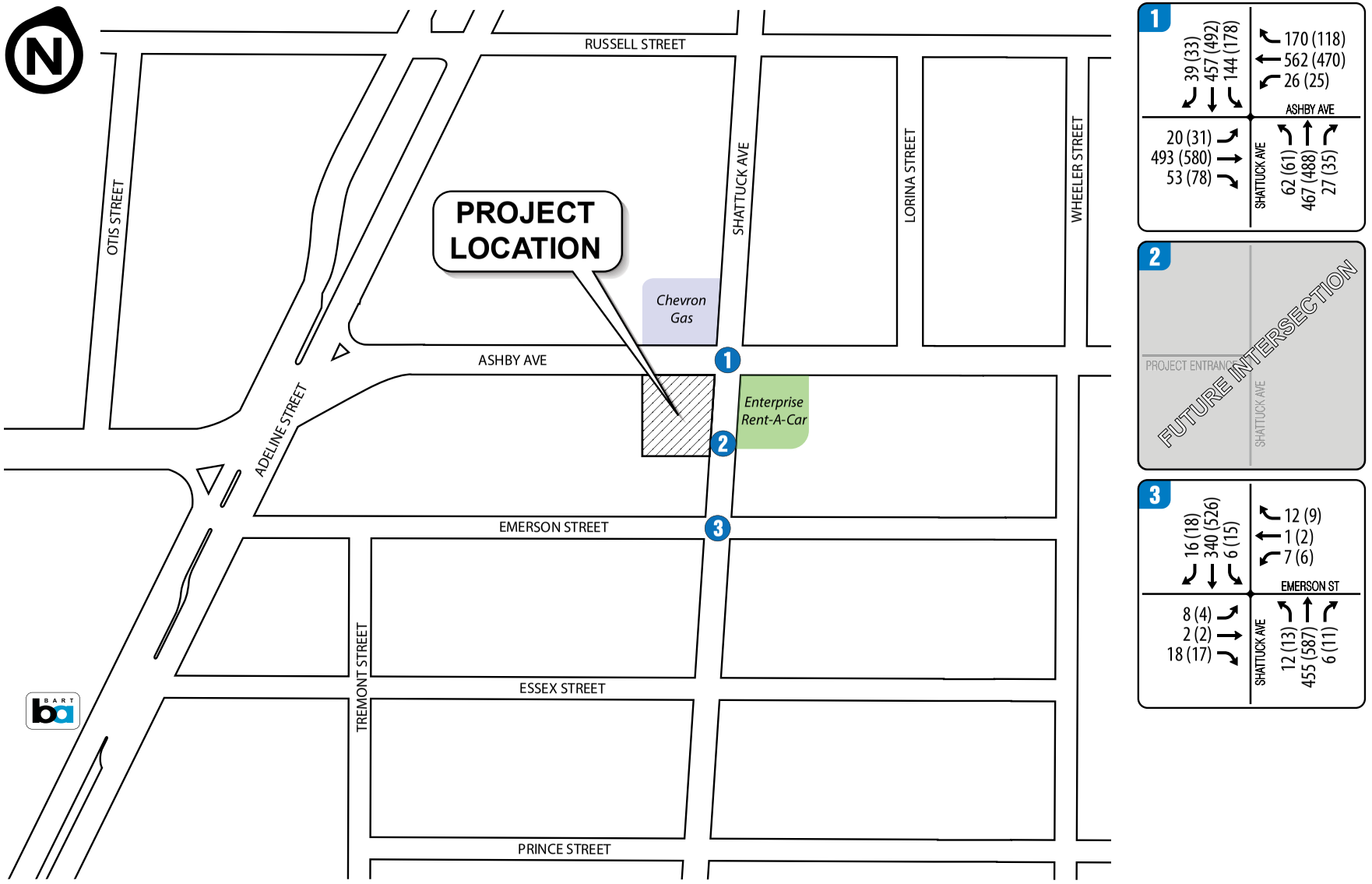

FIGURE 4 | EXISTING AM(PM) PEAK HOUR TRAFFIC VOLUMES
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

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3.7 Transit Service

The Ashby Avenue Berkeley BART station is located on Adeline Street at Ashby, which is just a little more than a block from the project site. This station is located on the Richmond-Fremont Line which connects to other destinations in the Bay Area, including San Francisco, at the MacArthur Station.

There is also extensive bus transit service provided by Alameda-Contra Costa County (AC) Transit at the BART Station. The following lines operate either adjacent to the site on Ashby Avenue or a block from the project on Adeline Street:

> **18:** Downtown Albany, Downtown Berkeley, Downtown Oakland, and Montclair via Shattuck Avenue, Martin Luther King Blvd, Broadway, and Park Boulevard.
> **49:** Downtown Berkeley BART to Rockridge BART via Dwight Way, Ashby Avenue, College Avenue. Returns via Claremont Avenue and Durant Avenue.
> **800:** (All Nighter) Richmond BART to Market St. and Van Ness Ave, S.F., via Macdonald Ave, San Pablo Ave, University Ave, Telegraph Ave and downtown Oakland. Returns via Market St. and West Oakland BART.
> **F:** (Transbay) UC Campus to Transbay Temporary Terminal, San Francisco via Shattuck Ave, Adeline St and 40th St.

Please note the nearest bus stops for Routes 18, 49, and 800 are directly adjacent to the site. Bus stops with access to the transbay F line are located two blocks away at Ashby Avenue and Adeline Street.

4) REGULATORY CONTEXT

Existing policies, laws and regulations that apply to the proposed project are summarized below.

4.1 State

The California Department of Transportation (Caltrans) has jurisdiction over State highways. Any improvements to these roadways would require Caltrans' approval. This project will not have any effect on State Highways.

4.2 Local

City of Berkeley General Plan - The Transportation and Circulation Element the City of Berkeley General Plan addresses the location and extent of existing and planned transportation routes, terminals, and other local public utilities and facilities. The General Plan identifies roadway and transit goals and policies that have been adopted to ensure that the transportation system of the City will have adequate capacity to serve planned growth. These goals and policies are intended to provide a plan and implementation measures for an integrated, multi-modal transportation system that will safely and efficiently meet the transportation needs of all economic and social segments of the City.

4.3 Significance Criteria

The City's level of service standard states that an impact is significant when the criteria are reduced from LOS A, B, C, or D to LOS E (with the addition of two (2) seconds of average delay) for signalized intersections. Intersections that exceed this service level threshold are considered to be impacted and should be considered for mitigation. Exceptions to the LOS D

standard arise when the project is not expected to add more than two seconds at an intersection going from LOS D to LOS E or more than three seconds of delay at an intersection that is already operating at LOS E. In addition, it would also be considered a significant impact if a project would increase the volume to capacity (V/C) ratio by more than 0.01 at an intersection that is already operating at LOS F.

For unsignalized intersections, additional considerations are involved, including the number of vehicles on the critical approach, vehicles contributed by the proposed project, and signal warrant analysis. At an unsignalized intersection, mitigation is required if a movement is LOS F, the peak hour signal warrant is met, and a minimum of 10 vehicles are added to the critical movement.

According to CEQA guidelines, a project would also have a significant impact if it would:

- Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including, but not limited to, intersections, streets, highways and freeways, pedestrian and bicycle paths and mass transit.
- Conflict with an applicable congestion management program, including, but not limited to, level-of-service standards, and travel demand measures, or other standards established by a county congestion management agency for designated roadways.
- Result in inadequate emergency vehicle access.
- Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities.
- Result in an internal circulation system design that does not meet City standards.

5) IMPACTS AND MITIGATION MEASURES

5.1 Project Trip Generation

The vehicle trip generation for the project is shown in **Table 4**. The trip generation rates are based on the ITE rates for an office building (Land Use 710) taken from the 9th Edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual. The rates have been adjusted (as described below) to account for traffic conditions in this part of Downtown Berkeley.

Berkeley Residential Trip Generation **-** Since the project is located in an urban area with BART access and numerous bus connections the vehicle trip rate per unit is less than would be generated by a typical apartment building. Please note the project is less than four blocks from the Ashby BART station which is less than a 5 minute walk.

For this project, a trip reduction of 19% has been applied to the unfiltered trip generation rate to account for conditions in the vicinity of the Ashby BART Station. The ITE trip generation rates are based on surveys of primarily suburban locations and this reduction intended to account for walk, bicycle, and transit trips as well as shared trips with the residential component of the project. The 19% reduction was based on data from the Alameda County Transportation Commission's Travel Demand Model, trip generation surveys compiled by ITE and the San Diego Association of Governments (SANDAG), and census data on vehicle ownership and travel patterns in this part of the City of Berkeley.

TABLE 4
TRIP GENERATION CALCULATIONS

Land Use	ITE Code	Size	ADT	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
ITE Apartment Rates - Trips per Unit	220		6.65	0.10	0.41	0.51	0.40	0.22	0.62
Apartment Trip Generation		44 Units	256	3	16	19	15	8	23
Reduction for Non-Auto Trips (19%)			49	1	3	4	3	1	4
Subtotals for the Apartments			*207*	*3*	*13*	*16*	*12*	*7*	*19*
ITE Restaurant Rates - Trips per ksf	932		127.15	5.62	5.19	10.81	5.81	4.04	9.85
Restaurant Trip Generation		4,015 sq. ft.	511	22	21	43	23	16	39
Reduction for Pass-By/Non-Auto Trips (43%)			220	10	9	19	10	7	17
Subtotals for the Restaurant			*291*	*12*	*12*	*24*	*13*	*9*	*22*
Subtotals from the New Land Uses			**498**	**15**	**25**	**40**	**25**	**16**	**41**
Existing Service Station with Smog Inspection and Mini Mart		8 fueling stations	590	29	27	56	41	44	85
Net New Trip Generation for the Project			**-92**	**-14**	**-2**	**-16**	**-16**	**-28**	**-44**

SOURCE: Institute of Transportation Engineers Trip Generation Manual (9th Edition) and the Trip Generation Handbook (2nd Edition)

Based on the trip generation forecasts the project would actually result in a reduction in traffic on the surrounding street system. Traffic counts of the current gas station on the site indicate it generates more than twice the traffic that is forecast to be generated by the proposed project. The traffic associated with the new project is forecast to be about 40 vehicle trips during the AM peak hour and 41 trips during the PM peak hour. The trips generated by this proposed development are estimated for the peak commute hours which represent the peak of adjacent street traffic.

To be conservative no reductions were taken to account for the existing service station in the analysis of traffic operations. This was, in part, because the proposed project would focus its traffic at one driveway versus the existing service station which is served by four separate driveways/curb cuts. Again, once the removal of traffic from the existing service station is accounted for the implementation of the proposed project would result in a net reduction in traffic on the surrounding roadway system. This is estimated to be a reduction of about 16 peak hour trips during the AM peak hour and about 44 trips during the PM peak hour. In general, the traffic generated by the proposed project would be expected to be about half of what is currently generated by the service station it would replace.

5.2 Project Trip Distribution

The trip distribution assumptions have been based on the existing traffic count data including daily directional volume and peak-hour turning movements, the Alameda County travel demand model, and knowledge of the surrounding area such as commute patterns and the overall land use patterns in the area. **Figure 5** shows the project traffic that would be added at the project study intersections.

5.3 Existing Plus Project Intersection Capacity Conditions

This scenario evaluates the existing conditions with the addition of traffic from the proposed project. A comparison of the capacity calculations for the conditions with the addition of traffic from the project is shown in **Table 5**. The corresponding LOS analysis calculation sheets are presented in the Traffic Analysis Appendix. As shown in **Table 5**, all of the study intersections would continue to have acceptable conditions (LOS D or better) during the weekday AM and PM peak hours. Please note that the results of the detailed queuing calculations have been included in the technical appendix to verify there would be no queuing problems expected with addition of traffic from the proposed project.

TABLE 5
EXISTING PLUS PROJECT INTERSECTION LEVEL OF SERVICE CONDITIONS

	INTERSECTION	CONTROL	PEAK HOUR	EXISTING		EXISTING PLUS PROJECT	
				Delay	LOS	Delay	LOS
1	SHATTUCK AVENUE AT ASHBY AVENUE	Signalized	AM	13.3	B	13.8	B
			PM	13.8	B	14.0	B
2	SHATTUCK AVENUE AT THE PROJECT ENTRANCE	Side Street Stop	AM	N/A	N/A	16.6	C
			PM	N/A	N/A	17.8	C
3	SHATTUCK AVENUE AT EMERSON STREET	Side Street Stop	AM	15.4	B	15.6	C
			PM	23.3	C	23.3	C

SOURCE: Abrams Associates, 2015

NOTES: HCM LOS results are presented in terms of average intersection delay in seconds per vehicle.

5.4 Baseline Intersection Capacity Conditions

Trip generation and trip assignment assumptions for the approved projects were based on the traffic study reports prepared for each project, where available. Approved projects include developments that are either under construction, built but not fully occupied, or not built but have final development approval from the City. Trips from approved developments that could significantly affect the volumes at the project study intersections were added to the existing intersection turning movement counts.

Approved projects in the area include the Parker Place project at Shattuck Avenue and Parker Street (which is planned to include 155 residential units and 22,905 square feet of ground-floor commercial space), 3132 Martin Luther King Jr. Way Mixed Use Project, 2489 Martin Luther King Jr. Way Mixed Use Project, 2201 Dwight Way Residential Project, 2024 Durant Street Student Housing Project, 2701 Shattuck Avenue Mixed Use Project, and the 2598/2600 Shattuck Avenue Mixed Use Project. The total background traffic growth to existing traffic was forecast to be 5% per year for two years based on the assumption that the project completion

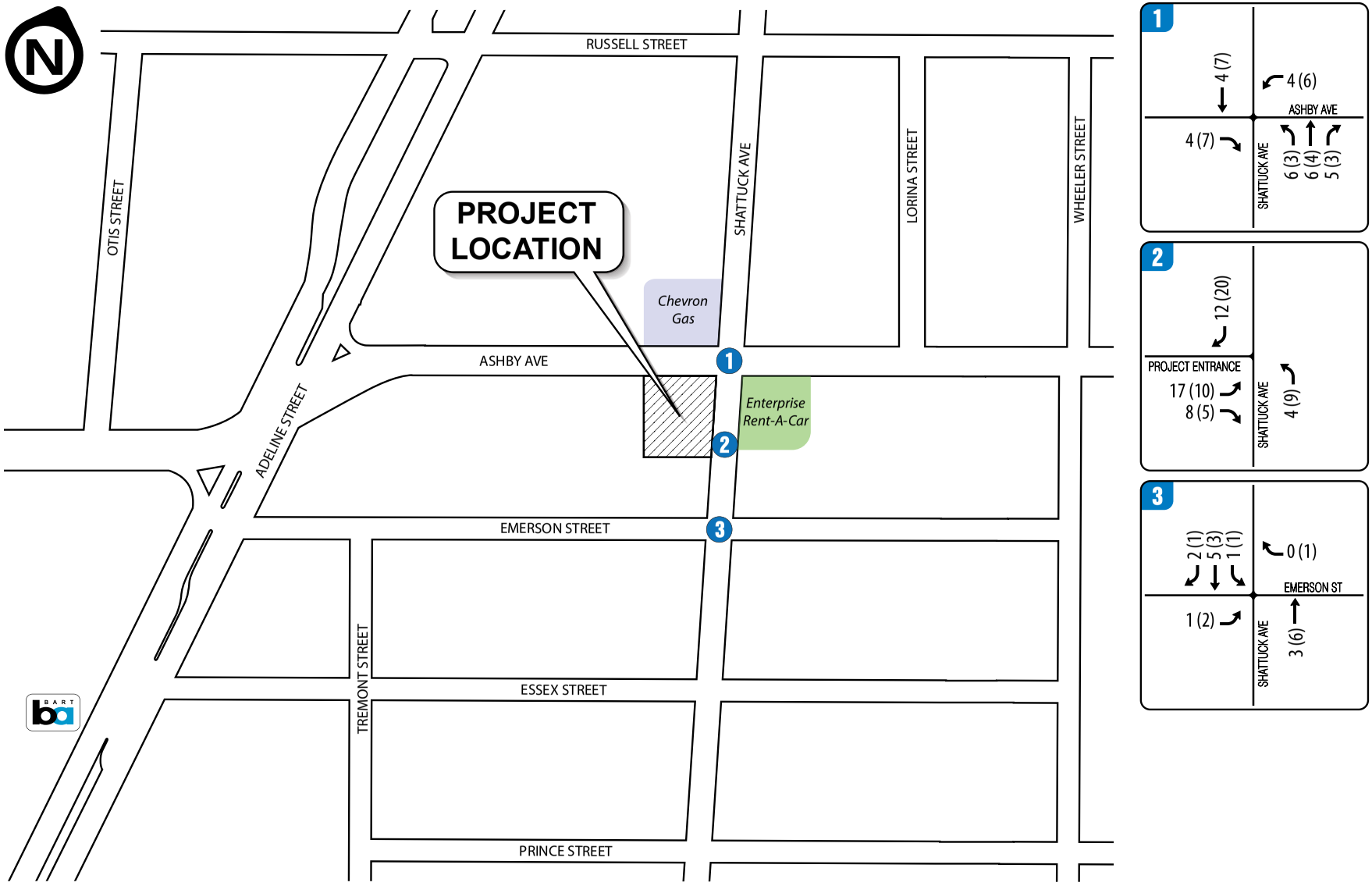

FIGURE 5 | PROJECT AM(PM) PEAK HOUR TRIPS
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

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ATTACHMENT 7
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Page 68 of 81

date would be 2017. **Figure 6** presents the resulting baseline volumes at each of the project study intersections **Table 5** summarizes the associated LOS computation results for the Baseline and Baseline Plus Project weekday AM and PM peak hour conditions. The corresponding LOS analysis calculation sheets are presented in the *Traffic Analysis Appendix*. As shown in **Table 5**, with the addition of traffic from the proposed project the project study intersection would continue to have acceptable conditions (LOS D or better).

5.5 Baseline *Plus Project* Intersection Capacity Conditions

The Baseline plus proposed project traffic forecasts were developed by adding project-related traffic to the baseline traffic volumes. **Table 6** summarizes the LOS results for the Baseline Plus Project weekday AM and PM peak hour conditions (i.e. the existing roadway network). **Figure 7** presents the resulting baseline plus project volumes at each of the project study intersections. Please note that the corresponding LOS analysis calculation sheets are presented in the appendix. As shown in **Table 6**, all of the study intersections would continue to have acceptable conditions (LOS D or better) during the weekday AM and PM peak. Again, please note that the results of the detailed queuing calculations have been included in the technical appendix to verify there would be no queuing problems with the addition of project traffic.

TABLE 6
BASELINE PLUS PROJECT INTERSECTION LEVEL OF SERVICE CONDITIONS

	INTERSECTION	CONTROL	PEAK HOUR	BASELINE		BASELINE PLUS PROJECT	
				Delay	LOS	Delay	LOS
1	SHATTUCK AVENUE AT ASHBY AVENUE	Signalized	AM	15.6	B	16.2	B
			PM	16.3	B	16.9	B
2	SHATTUCK AVENUE AT THE PROJECT ENTRANCE	Side Street Stop	AM	N/A	N/A	18.2	C
			PM	N/A	N/A	19.8	C
3	SHATTUCK AVENUE AT EMERSON STREET	Side Street Stop	AM	17.1	C	17.3	C
			PM	28.2	D	28.2	D

SOURCE: Abrams Associates, 2015
NOTES: HCM LOS results are presented in terms of seconds per vehicle.

5.6 Internal Circulation and Access

No site circulation or access issues have been identified that would cause any traffic safety issues or any unusual traffic congestion or delay. It should be noted that during peak periods there would be occasions where the northbound traffic queue from the Ashby Avenue traffic signal could extend back beyond the proposed driveway entrance. However, based on the LOS analysis the potential for queues near the project driveway is not expected to prevent safe access to the site. Please note that bicycle racks cannot be located at tree wells. Parking stalls will be a minimum of 8' wide and 8.5' wide at the end stalls, as per City requirements. It should also be noted that a clear 5' by 5' sight distance triangle must be provided at the garage exit point.

5.7 Parking

This section discusses the City of Berkeley's zoning and estimated parking demand for the project. As per the City's Municipal Code, the minimum off-street parking requirement for restaurants in this area equates to 1.0 spaces per every 300 square feet of gross floor area and for residential space it requires 1.0 spaces per every 1,000 square feet of gross floor area. For this project this equates to a requirement of 43 spaces.

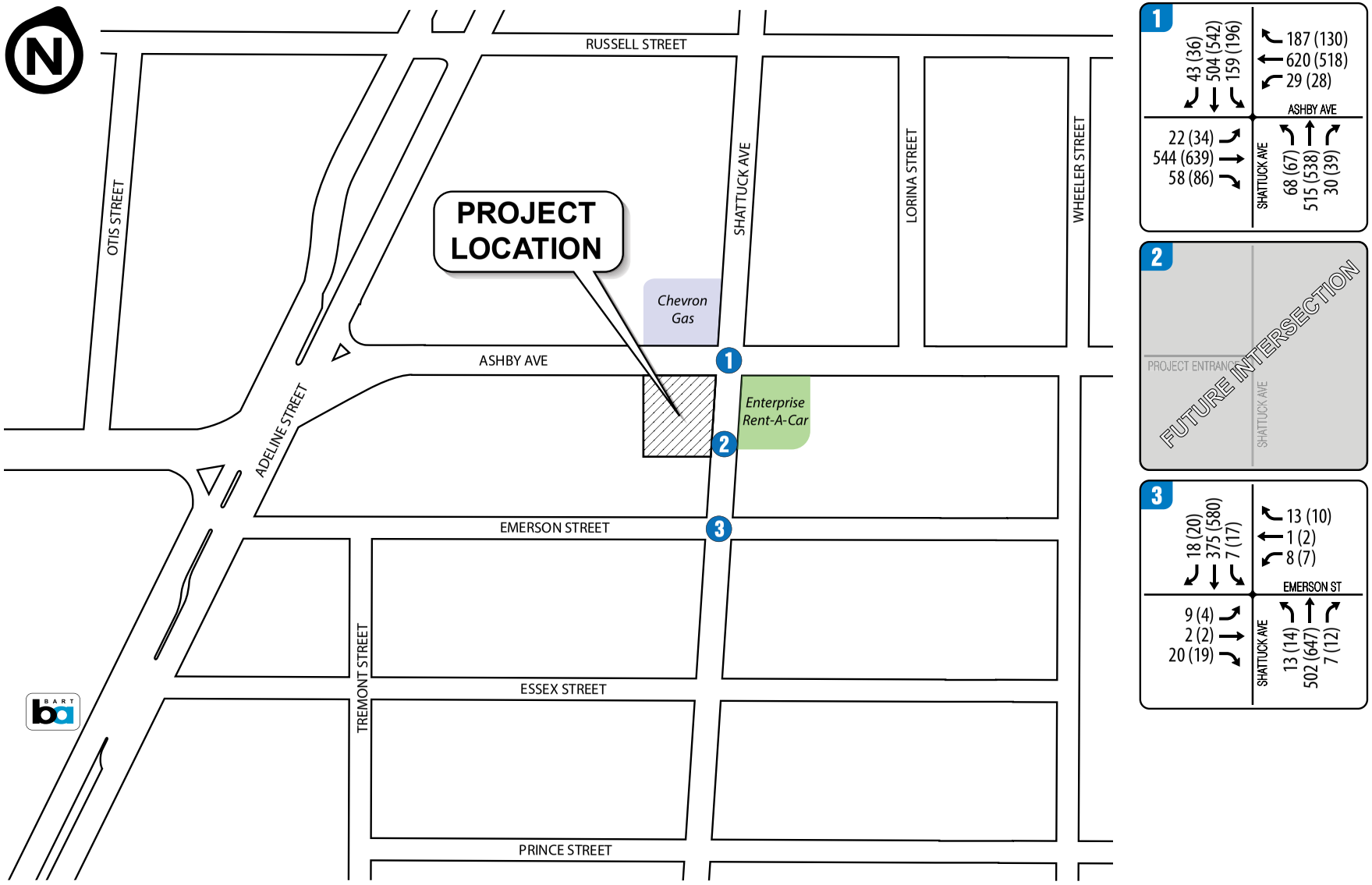

FIGURE 6 | BASELINE AM(PM) PEAK HOUR TRAFFIC VOLUMES
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

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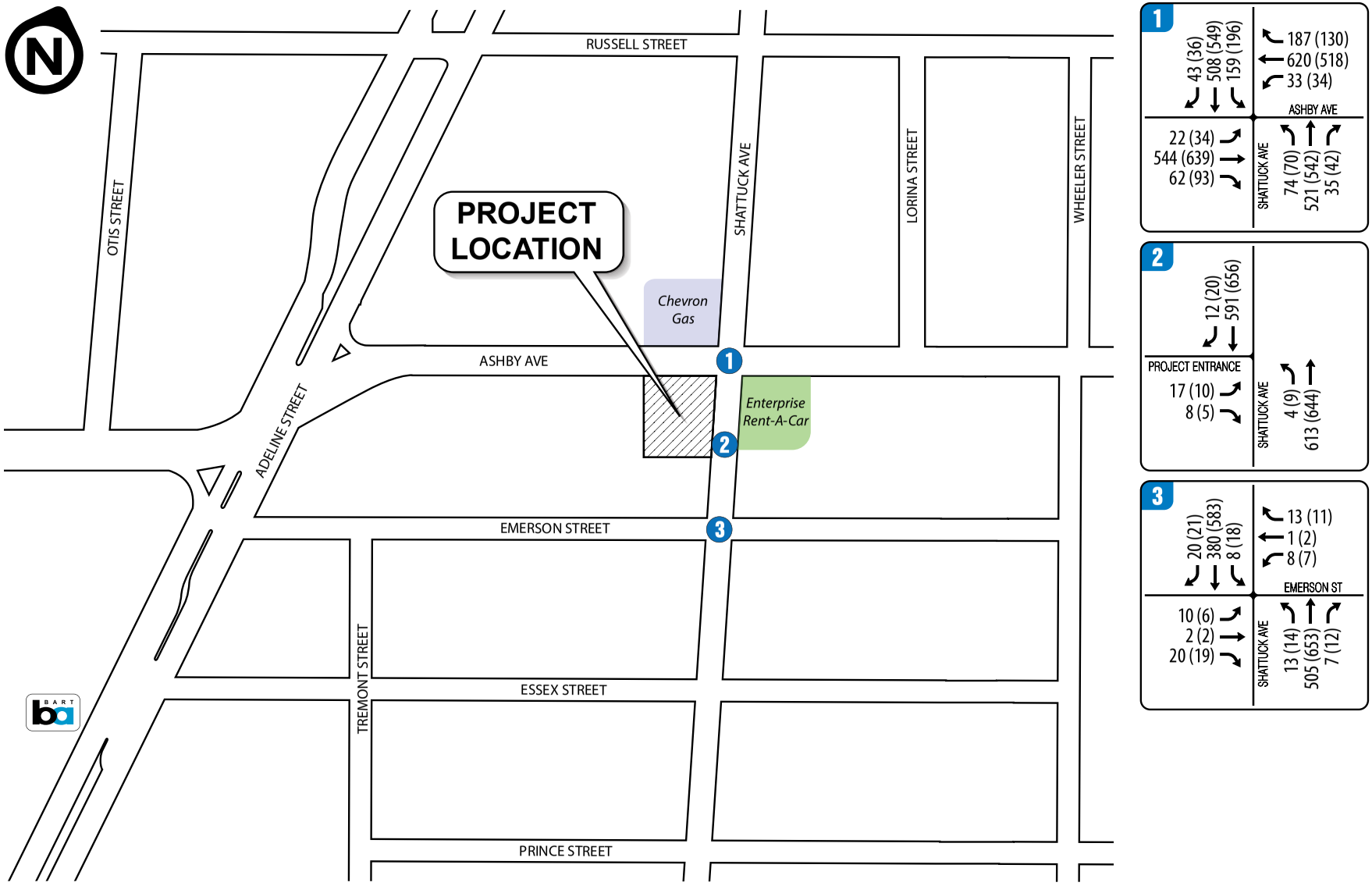

FIGURE 7 | BASELINE PLUS PROJECT AM(PM) PEAK HOUR TRAFFIC VOLUMES
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

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Parking Demand in Berkeley - For this location near shopping and with excellent transit access (and located within a mile of a major university) the parking demand is less than the typical ITE rate in the Parking Generation Manual. This is based on many of the same characteristics that are discussed in the trip generation section. The availability of transit, the use of bicycles, and the attractiveness of walking in a mixed-use environment clearly results in reduced vehicle trip generation and an associated reduction in the need for parking.

Since Berkeley has numerous opportunities for public transportation and the apartment residents are not all expected to have personal vehicles, it is anticipated that a substantial portion of all travel will occur by walking, bicycling, and through the use of public transit. Please note the project is less than four blocks from the Ashby BART station which is less than a 5 minute walk. There are also bus stops two blocks from the site providing access to an all-nighter (Route 800).

Parking Demand Based on ITE Parking Generation Rates - To provide additional justification for the parking demand analysis, **Table 8** provides a summary of the parking demand results using the average ITE peak parking demand rates for apartments and a high turnover, sit down restaurant from the 4th Edition of the *ITE Parking Generation Manual*. As shown in **Table 8**, the parking demand generated by the project would be forecast to be approximately 75 parking spaces based on the ITE data. However, please note this estimate does not account for the project's location in a walkable area with excellent transit access located less than four blocks from a BART station.

Table 8
Residential Off-Street Parking Calculations Using Parking Data from the Institute of Transportation Engineers

Land Use	Size		Parking Ratio	Required Spaces
Restaurant	4,015	sq. ft.	5.5	22
Apartments	44	units	1.2	53
Total Unadjusted Peak Parking Demand				*75*

Residential Parking Demand Based on U.S. Census Data - To provide additional information on the potential parking demand in the project area U.S. census data was also utilized based on Census Transportation Planning Products summary of data from the American Community Survey (2010). The U.S. census data indicated the parking demand for the census tract where the project was located averaged 0.85 automobiles per dwelling unit. Please note this was calculated for the category of residential properties with greater than five dwelling units. Based on the U.S. census data the residents of the proposed 44-unit apartment building would be forecast to generate a parking demand of approximately 37 vehicles.

Public Parking Surveys - In order to evaluate the local parking situation on-street parking occupancy surveys were conducted based on the standard traffic engineering guidelines for a study area specified by the City of Berkeley. This survey included a detailed inventory of all on-street and public off-street parking within two blocks of the project site. Please note all streets in the project study area are part of the residential parking permit program where all vehicles without permits are restricted to 2 hours between 8:00 AM and 7:00 PM. The study involved a block-by-block survey of the number and types of spaces, and the parking occupancy on a weekday afternoon and also a weekday evening. These surveys were taken for both metered and non-metered spaces. The occupancy of any potentially available public off-street parking in

the area were also inventoried. The results of the study are presented in **Figure 8** which shows the study area and the particular streets in the area that have been studied. **Figure 8** also shows the number of parking spaces on each block-face. There are currently about 695 on-street parking spaces located within about two blocks of the project site. The studies found that during the afternoon, there are about 582 spaces (84%) that are occupied, and about 113 spaces available. During the evening, there are about 474 occupied spaces, which is an occupancy rate of 68%, and about 221 available on-street spaces. The detailed results of the parking occupancy surveys are attached to this report.

Summary of Findings on Parking - Based on these studies, the residential parking provided could be up to 20 spaces short of the estimated demand using U.S. Census data. The project is proposing to provide 11 spaces for residents and 6 spaces for the restaurant. Based on the Berkeley Municipal Code the residential portion would require 30 spaces and the restaurant would require 13 spaces for a total of 43 spaces. Therefore, the overall parking shortfall would be 26 parking spaces. However, the City could still consider making the findings that the proposed 17 space parking garage is reasonable and appropriate for the proposed 44 residential units and 4,015 of restaurant space. The justification would be as follows:

1) The project is proposing to exceed the requirements for bicycle parking by providing 48 bicycle parking spaces including secure parking for 36 bicycles for residents and parking for an additional 12 bicycles for the commercial space.

2) There are numerous shopping, employment, and education centers in the area.

3) There are numerous existing car sharing locations in the area. Please note that within 1/2 mile of the project site there are 6 City Carshare locations and 4 Zipcar locations.

4) There is extensive public transportation available in the project area including a BART station four blocks away which is about a 5 minute walk. There are also bus stops adjacent to the site with access to two intercity routes (Routes 18 and 49) and an all-nighter (Route 800). In addition there are stops less than two blocks from the site that provide access to a transbay route (Route F).

5.8 Pedestrian and Bicycle Conditions

The proposed project would not generate a significant increase in pedestrian traffic in the area (in comparison to the existing volumes) given the size of the proposed project. In addition, the proposed project would not significantly impact or change the design of any existing pedestrian facilities and should not create any new safety problems in the area. The proposed project would also not significantly impact any existing bicycle facilities, including the nearby bicycle boulevard on Russell Street. The project will add some pedestrians and bicyclists who will utilize sidewalks and bicycle facilities in the area. In relation to the existing conditions, the proposed project would not cause substantial changes to the pedestrian or bicycle traffic in the area and would not significantly impact or require changes to the design of any existing bicycle or pedestrian facilities. It should be noted that bicycle racks cannot be located at tree wells.

5.9 Transit

The proposed project would not interfere with any existing bus routes and would not remove or relocate any existing bus stops. The proposed Project also would not conflict with any transit plans or goals of the City of Berkeley. Based on the size of the project, it is not forecast to cause a degradation of the level of service (or a significant increase in delay) on any roadway segments currently being utilized by bus transit in the area and, as such, no significant impacts to transit are expected.

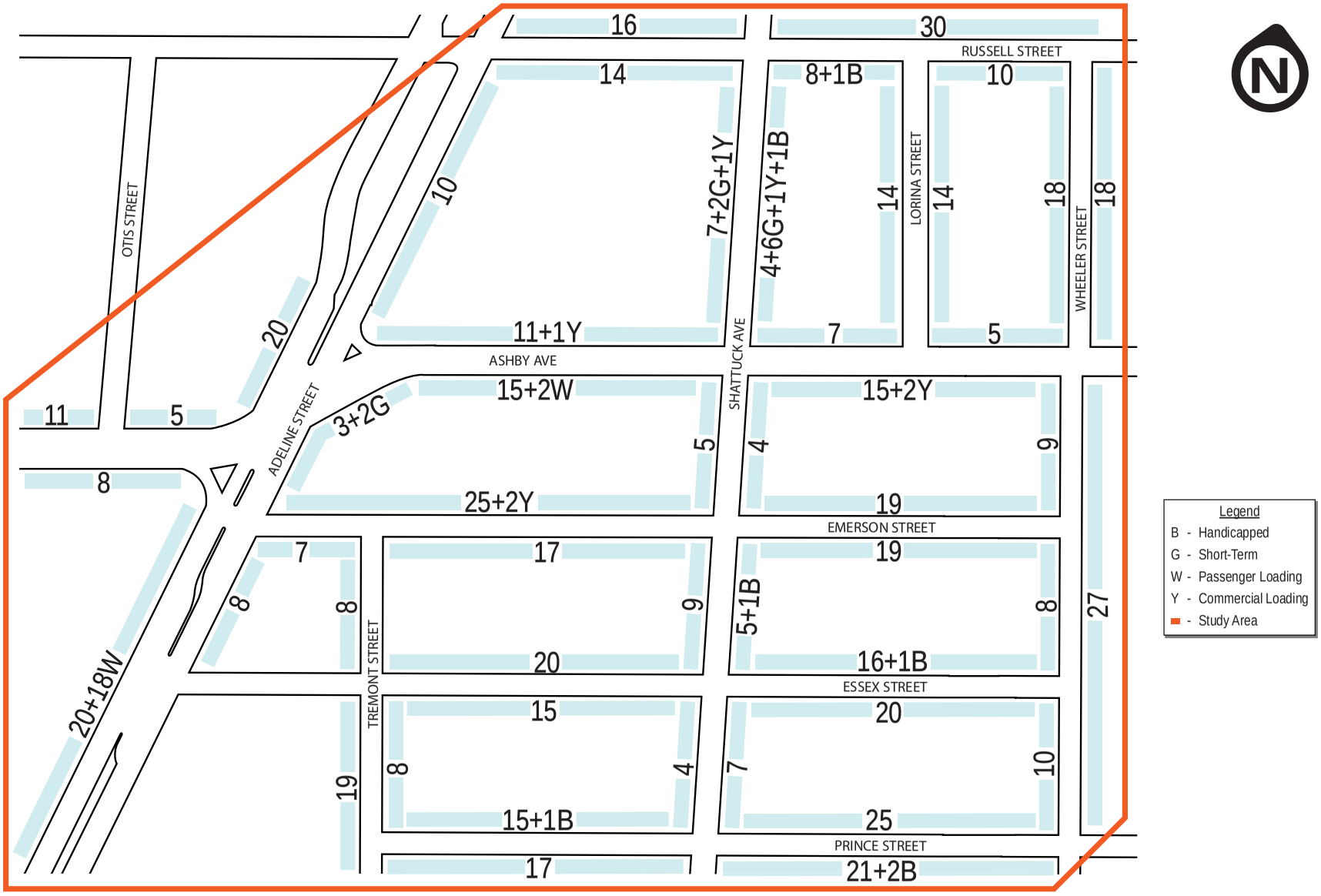


FIGURE 8 | ON-STREET PARKING SUPPLY
TRANSPORTATION IMPACT ANALYSIS
3000 Shattuck Avenue
City of Berkeley

Abrams Associates
TRAFFIC ENGINEERING, INC.

5.10 Summary of Transportation Issues and Potential Improvement Measures

TR-1 Demolition and construction activities associated with the proposed project would result in an increase in traffic to and from the site and would require an appropriate construction management plan developed and approved by the City of Berkeley.

The increase in traffic as a result of demolition and construction activities associated with the proposed project has been quantified assuming single phase construction period of 20 months.

Heavy Equipment

Heavy equipment transport to and from the site could cause traffic impacts in the vicinity of the project site during construction. However, each overweight/oversized load would be required to obtain all necessary permits, which would include conditions. Prior to issuance of grading and building permits, the project applicant would be required to submit a Traffic Control Plan.

The requirements within the Traffic Control Plan include, but are not limited to, the following: truck drivers would be notified of and required to use the most direct route between the site and I-80, as determined by the City Traffic Engineering Department; all site ingress and egress would occur only at the main driveway to the project site and construction activities may require temporary traffic controls as determined by the City Engineer. Please note construction traffic will be directed to use Shattuck Avenue as the City has a goal of minimizing construction traffic on local streets. Specifically designated travel routes for large vehicles would be monitored and controlled by flaggers for large construction vehicle ingress and egress. Any debris and mud caused by trucks would be monitored daily and may require instituting a street cleaning program. In addition, several loads of heavy equipment being hauled to and from the site each month would be short-term and temporary.

Employees

The weekday work is expected to begin around 7:00 AM and end around 4:00 PM. The construction worker arrival peak would occur between 6:30 AM and 7:30 AM, and the departure peak would occur between 4:00 PM and 5:00 PM. These peak hours are slightly before the citywide commute peaks. It should be noted that the number of trips generated during construction would not only be temporary, but would also be substantially less than the proposed project at buildout.

Based on past construction of similar projects, construction workers could require parking for up to 20 vehicles during the peak construction period. Additionally, deliveries, visits, and other activities may generate peak non-worker parking demand of 5 to 10 trucks and automobiles per day. Therefore, up to 30 vehicle parking spaces may be required during the peak construction period for the construction employees. Furthermore the Traffic Control Plan requires construction employee parking be provided on the project site or other provisions will need to be made for off-site parking, subject to approval of the City Traffic Engineering Department.

Construction Material Import

The project would also require the importation of construction material, including raw materials for the building pads, the buildings, the parking area, and landscaping. Based on past construction of similar projects, importing this material is estimated to require substantial amounts of truck traffic. Under the provisions of the Traffic Control Plan, if importation and exportation of material becomes a traffic nuisance, then the City Engineer may limit the hours the activities can take place.

Impacts of Construction on Pedestrians and Bicyclists

The project would most likely require temporary closures of sidewalks adjacent to the site for safety. This would require a detailed plan for detouring pedestrian traffic. This plan will need to be reviewed and approved by the City Engineer. Construction traffic would not be expected to cause significant impacts to bicyclists in the area. The project is not proposing to change the configuration of the existing access driveway during construction or for the proposed project.

The analysis of traffic operations at the driveway indicates there would be no significant changes to the traffic volumes, delay, or safety on Shattuck Avenue with the addition of traffic from the proposed project. It was also verified that during construction the traffic accessing the site would not be expected to exceed the volumes generated by the proposed project. In general, the pedestrian and bicycle operations in the area would not be expected to change significantly during construction beyond the addition of some truck traffic to the area.

Traffic Control Plan

The Traffic Control Plan would indicate how parking for construction workers would be provided during construction and ensure a safe flow of traffic in the project area during construction. This analysis assumed construction of the entire project in one phase to identify the potential worst-case traffic effects.

Each phase will be subject to a Traffic Control Plan and oversight by the City Engineer and construction traffic is not forecast to exceed the post construction traffic conditions created by the proposed project. As a result the potential construction traffic impacts have been adequately addressed through the project impact analysis. Therefore, the demolition and construction activities associated with the proposed project or its individual phases would not be expected to lead to noticeable congestion in the vicinity of the site or the perception of decreased traffic safety resulting in a ***less-than-significant*** impact.

Mitigation Measure(s)
None required.

TR-2 Impacts related to site access and circulation.

Based on a review of the proposed site plan it was determined that the internal garage circulation should function well and should not cause any safety or operational problems. The project site design has been required to conform to City design standards and is not expected to create any significant impacts to pedestrians, bicyclists or traffic operations.

Therefore, impacts related to site access and circulation to the proposed project would be ***less-than-significant***.

Mitigation Measure(s)
None required.

TR-3 Impacts regarding emergency vehicle access on and surrounding the proposed project site.

Sufficient emergency access is determined by factors such as number of access points, roadway width, and proximity to fire stations. The land use plan for the proposed project would be subject to approval of the fire department.

All lane widths adjacent to the project would meet the minimum width that can accommodate an emergency vehicle; therefore, the width of the roadways would be adequate. Therefore, the development of the proposed project is expected to have ***less-than-significant*** impacts regarding emergency vehicle access.

Mitigation Measure(s)
None required.

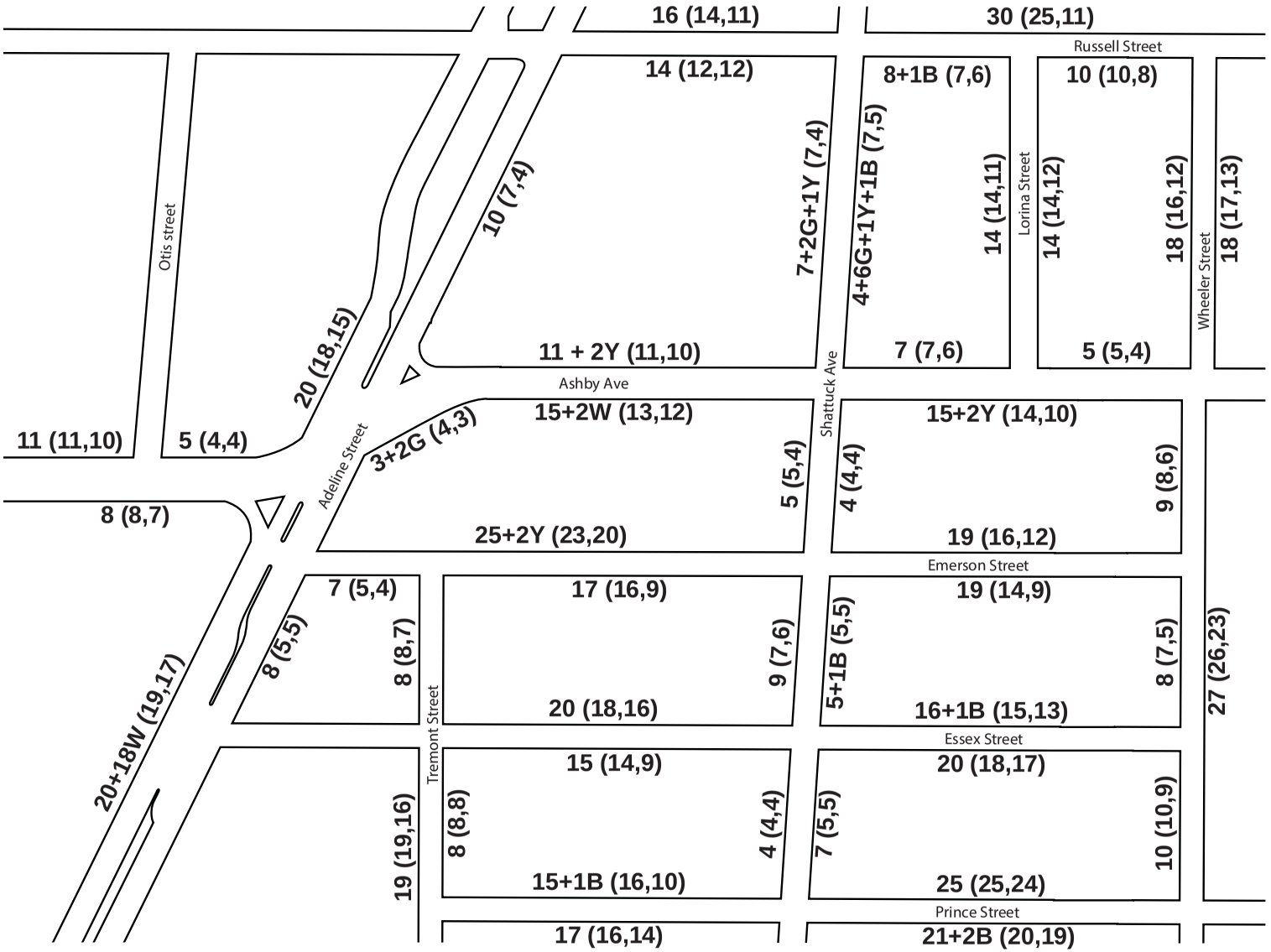
TR-4 Impacts relating to the presence and availability of adequate parking.

The proposed project is expected to provide a sufficient amount of parking to accommodate employees and residents and to ensure consistency with the City requirements. Therefore, the proposed project is not expected to create parking impacts on the surrounding areas, and impacts related to adequate parking would be ***less-than-significant***.

Mitigation Measure(s)
None required.

5.13 Mitigations and Improvement Measures

Based on this analysis there would be no significant transportation impacts according to established standards and no off-site traffic or transportation mitigations would be required.



Legend
B - Handicapped
G - Short-Term
W - Passenger Loading
Y - Commercial Loading

8-13-2015
Total Supply: 695
Total Demand: 582
Net Vacant Spaces: 113

8-13-2015
Total Supply: 695
Total Demand: 474
Net Vacant Spaces: 221

City of Berkeley

On-Street Parking Occupancy

August 2015 Prepared by: Abrams Associates

ATTACHMENT 7
ZAB 05-11-2023
Page 78 of 81

Planning and Development Department
Land Use Planning Division

MEMORANDUM

DATE: May 19, 2017

TO: File

FROM: Shannon Allen, Principal Planner

SUBJECT: AB 25 Consultation – Phone Conversation with Andrew Galvan

This morning I spoke with Andrew Galvan, The Ohlone Tribe Inc., regarding the projects list emailed to him by Planning Technician Niloufar Karimzadegan on May 3, 2017, as well as my follow-up email on May 9, 2017. He let me know that he is not interested in consultation under AB52 on any of the projects listed, except 600 Addison.

From: Allen, Shannon
To: "chochenyo@aol.com"
Cc: Karimzadegan, Niloufar
Subject: RE: AB52 Project List 04-01-17 to 04-15-17 and 2016 catch up list
Date: Tuesday, May 09, 2017 10:34:02 AM
Importance: High

Andy –

Three things:

1) Please recall that you are going to review the project lists sent by the City, mark on the far right of the list if you would like consultation or not, then sign and send back, so that we all have a record of the communication AND can initiate consultation when requested.

2) The City has several Initial Studies that we anticipate publishing soon for the following projects:
   - 1740 San Pablo (4 story mixed-use)
   - 192-28 San Pablo (4 story mixed-use)
   - 2100 San Pablo (5 story mixed-use)
   - 2720 San Pablo (5 story mixed-use)
   - 1050 Parker/2621 Tenth (at San Pablo) (60,000 med office/R&D)
   - 1110 University (5 story mixed-use)
   - 1498 University (5 story mixed-use)
   - 1717 University (4 story mixed-use)
   - 2556 Telegraph (7 story mixed-use)
   - 3000 Shattuck (5 story mixed-use)

   Please let us know ASAP if you would like consultation on any of these. Some of these are on the recent AB52 lists sent to you, but I believe a few of the applications were submitted and/or deem complete prior to Mach 2016.

3) If Fatema Crane and/or LSA have not reached out to you yet regarding 600 Addison (Master Use Permit for approximately 475,000 sq ft R&D) they will be soon. Project information can be found here: http://www.ci.berkeley.ca.us/Planning_and_Development/Zoning_Adjustment_Board/600_Addison.aspx I think they anticipate holding a Scoping Meeting(s) in late summer or early fall.

Hope this note finds you well.

Thank you,
Shannon

Shannon Allen, AICP
Principal Planner, Land Use Planning Division
Planning and Development Department
City of Berkeley
1947 Center Street, Second Floor
Berkeley, CA 94704
(510) 981-7430

As a cost saving measure the City of Berkeley is closed the 2nd Friday of every month. Additional closures may occur. For the latest City Closures and Holidays please check the City of Berkeley Homepage at www.ci.berkeley.ca.us

From: Karimzadegan, Niloufar
Sent: Wednesday, May 03, 2017 5:38 PM
To: 'chochenyo@aol.com' <chochenyo@aol.com>
Cc: Allen, Shannon <ShAllen@cityofberkeley.info>
Subject: AB52 Project List 04-01-17 to 04-15-17 and 2016 catch up list

Dear Mr. Galvin,

Attached you can find two different project lists. The first one is the bi-monthly list for covering the period between 04/01/2017 to 04/15/2017. The second list serves as a catch up list dating back to March 2016 when you requested AB52 consultation from Shannon Allen. Please let me know if you have any questions.

Best Regards,

Nilu Karimzadegan | Land Use Planning
City of Berkeley | Planning and Development
1947 Center Street, 2nd Floor, Berkeley, Ca 94704
Direct: 510.981.7419
NKarimzadegan@cityofberkeley.info

Jacob, Melinda

From: Zoning Adjustments Board (ZAB)
Subject: FW: Use Permits #ZP2022-0116 and #ZP2022-0046

From: Robert Seares <robseares@gmail.com>
Sent: Wednesday, May 3, 2023 2:20 PM
To: Zoning Adjustments Board (ZAB) <Planningzab@cityofberkeley.info>
Subject: Re: Use Permits #ZP2022-0116 and #ZP2022-0046

WARNING: This is not a City of Berkeley email. Do not click links or attachments unless you trust the sender and know the content is safe.

all working people

On Wed, May 3, 2023 at 2:19 PM Robert Seares <robseares@gmail.com> wrote:

> The properties on Shattuck are ideal for urban infill.
>
> Heights need to be in scale with the neighborhood. Nine and ten-story buildings have no connection to the width of Shattuck at these addresses or any buildings within a long-established neighborhood. Shadows, lines of sight, and setbacks from the property lines are important in any case but with massive out-of-scale structures, they become critical. These are not respected.
>
> They are too tall for the neighborhood.
>
> The parking provided is inadequate.
>
> There are over thirty non-restricted parking places along Shattuck and Ashby nearby. They are important to the businesses and residents of the neighborhood. The permitting of these buildings as submitted would house hundreds of new residences. These spaces would be overwhelmed. A taking.
>
> A society structured and built around the automobile cannot transform the commutes of working people. It will take a great deal of investment. Twenty-minute BART wait times are a reality. Waiting to transfer buses--- even twice? Not every job is easily accessed by public transportation. Some people will drive. Some people need to drive.
> And the parking restrictions? Note that if you park at four in the afternoon and leave before ten in the morning you are not restrained from parking on any street with two-hour control, including metered locations. The lack of adequate parking in these proposals is a taking. From every resident who drives in this neighborhood. Driving around the block looking for a place to park. Afraid to lose your spot. Just like San Francisco! Try parking in downtown Berkeley on the street in the evening.
>
> A note on the requests for variances. Interesting 2900-2920 wants to diminish the capacity of bicycle storage, from a project selling itself as building alternatives to the automobile. These requests for variances illuminate a poverty of design, a lack of commitment to building with some grace and respect-- to move beyond maximizing profit
> They are too massive.
>
> I support responsible infill.
>
> Robert Seares
> 3007 Shattuck
> Berkeley, Ca

robseares@gmail.com