APPENDICES
APPENDIX CUL:
CULTURAL AND HISTORIC RESOURCES
10963 San Pablo Avenue
Historical Resource Evaluation

Prepared for:
Studio KDA
1810 6th Street
Berkeley, CA. 94710

7 July 2017
This Historic Resource Evaluation memorandum examines the historic significance and integrity of the property addressed 10963 San Pablo Avenue in the City of El Cerrito (APN: 509-110-015), which was built in 1902. The study provides a record of research findings, evaluation according to the California Register of Historical Resources significance criteria and aspects of integrity, and culminates in a preliminary determination of the property's eligibility for designation as a Historic Resource.

RESEARCH FINDINGS

Current Historic Status

- National Register of Historic Places – Not Listed
- California Register of Historical Resource – Not Listed
- Contra Costa County Historic Resources Inventory – Not listed
- City of El Cerrito - No local inventory of historic resources; not listed.

Sanborn Fire Insurance Maps

- 1926 – The only Sanborn map edition available for the City of El Cerrito was published in 1926. The map shows that the current parcel consisted of a number of smaller lots, some of which were developed and others vacant. A two-story rooming house with a projecting canopy along its street-facing facades, stood at the southwest corner of the San Pablo Avenue and Jefferson Street intersection. Scattered outbuildings and a small dwelling sat to its south. The rooming house had a much smaller footprint than the current building (less than one-quarter the current footprint) and the outbuildings and dwelling all stood within the footprint of the current building on the parcel (pg. 8)
Current aerial view of subject property (left) and 1926 Sanborn map image (right), Scaled similarly to show that the original building was less than a quarter the size of the current building.

Aerial Photographs

The earliest aerial photograph available via the Historic Aerials website\(^1\) dates to 1946 and shows the subject building to nearly the full extent of its current footprint, minus an addition along the south side that is known to have been added in 1953. A projecting canopy along portions of the street-facing facade appears to be that which was present in the 1926 Sanborn map image and definition within the roof surface and visible shadows suggest that the original 1902 building remained present, possibly in its two-story form, with the larger building formed from additions to the south and west sides of the original structure.

Later aerial photographs from 1958 and 1959 appear to show that the canopy was removed by that time and there is less definition in the roof surface, suggesting that the second story of the original building had been removed. Additionally, by 1958 the 20' wide concrete block addition (see building permit #3177, below) had been added to the south side of the building and is visible in aerial photographs.

Later, between 1968 and 1980, the rear southwest corner of the building appears to have been expanded with a small addition that infilled the corner and created the current projecting bay at the rear of the building.

Building Permit Records

The following building permit records are on file at the City of El Cerrito Building Division:

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<th>Date</th>
<th>Permit #</th>
<th>Scope of Work</th>
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<tr>
<td>1953</td>
<td>3177</td>
<td>Store addition, remodeling, install sign for Van's Donuts. One-story masonry block addition to store – one-story masonry block wall on south side, 20' x 80', attached to present building, tar and gravel roof, plaster interior, unfinished storage area and concrete floor.</td>
</tr>
</tbody>
</table>

\(^1\) Historic Aerials by NETROnline; Nationwide Environmental Title Research, LLC, 1999-2017; www.historicaerials.com. Actual image not included due to copyright restrictions.

1955 4252 Install and connect sign for Van's Donuts. 2’ x 6’ sign, projecting 8’ over public right of way. Mounted to parapet and supported by guy wires attached to roof and facade. Owner [of business]: Fred L. Van Amburg

1989 7575 Alteration – 2x4 studs, 16” centers between studs, 8’ high spanning across 19’ space, 4’-4” doorway, 1/2” sheet rock.

1997 None Lot line adjustment between APNs 509-110-001 and 509-110-002, and 509-110-003 and 509-110-013. The proposed easement will be appurtenant to adjust APN 509-110-001 and will encumber adjusted APN 509-110-002. The easement will provide for access, awnings, and other appurtenances and will prohibit building of any structures in the easement area. The easement will terminate if and when the existing building on adjusted APN 510-110-001 is removed.

1997 ? (possibly related to 97-1045) Exterior alterations to storefront.

1997 97-1045 Exterior alteration – extend height of parapet from 10” to 20” on south wall. Owner: Ruby Violet Pozzan

1998 98-0536 Install ventilation hood system. Owner: Ruby Violet Pozzan

1999 98-1044 Cooking hood installation. Owner: Lander International

2006 05-1308 Minor kitchen remodel at Goody Donuts. Owner: Cheeryble Properties

Chain of Title & Occupancy
Gathered from city/county directories, Federal census records, building permit records, and historical essays found on the El Cerrito Historical Society website.

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<td>unknown</td>
<td>unknown</td>
</tr>
<tr>
<td>ca. 1910 – ca. 1916</td>
<td>Joe Villalobos (?)</td>
<td>Joe Villalobos Saloon</td>
</tr>
<tr>
<td>ca. 1916 – ca. 1926</td>
<td>unknown</td>
<td>unknown</td>
</tr>
<tr>
<td>ca. 1926</td>
<td>unknown</td>
<td>rooming house</td>
</tr>
<tr>
<td>ca. 1932 – ca. 1975</td>
<td>Angelo Fara</td>
<td>Angelo's Market (groceries)</td>
</tr>
<tr>
<td>ca. 1975 - 1998</td>
<td>Ruby Violet (Fara) Pozzan</td>
<td>various donut shops (Van's, Momsy's, Goody), Angelo's Market?</td>
</tr>
<tr>
<td>1999 - current</td>
<td>Lander International</td>
<td>Goody Donut, Hair Extraordinaire, Playland-Not-at-the-Beach</td>
</tr>
</tbody>
</table>

Architect & Builder
No original building permit or other archival information available identifying architect and/or builder.
Miscellaneous Notes

- “At the southwest corner of Jefferson and San Pablo in 1916, stood the Joe Villalobos Saloon, a two story building with rooms upstairs and very tall eucalyptus trees along side the building. This building still stands and is now occupied by the present day Angelo's Market.”
- “[Byron P. Pozzan] married Ruby Fara 48 years ago and together they owned and operated Angelo's market in El Cerrito.” (When and for how long they Pozzans continued to operate Angelo's Market is unclear.)

Historic Photographs

View south down San Pablo Avenue, subject property is the two-story building on the right containing Joe Villalobos’ saloon; photograph undated.

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EVALUATION

Historical Significance

The California Register of Historical Resources (California Register) is an inventory of significant architectural, archaeological, and historical resources in the State of California. Resources can be listed in the California Register through a number of methods. State Historical Landmarks and National Register-listed properties are automatically listed in the California Register. Properties can also be nominated to the California Register by local governments, private organizations, or citizens. The evaluative criteria used by the California Register for determining eligibility are closely based on those developed by the National Park Service for the National Register of Historic Places.

In order for a property to be eligible for listing in the California Register, it must be found significant under one or more of the following criteria.

- **Criterion 1 (Events):** Resources that are associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States.

- **Criterion 2 (Persons):** Resources that are associated with the lives of persons important to local, California, or national history.

- **Criterion 3 (Architecture):** Resources that embody the distinctive characteristics of a type, period, region, or method of construction, or represent the work of a master, or possess high artistic values.
• Criterion 4 (Information Potential): Resources or sites that have yielded or have the potential to yield information important to the prehistory or history of the local area, California, or the nation.

Resources eligible for the National Register are automatically listed in the California Register of Historical Resources.  

The building at 10963 San Pablo Avenue appears to be eligible for individual listing in the California Register under one of the above criteria. A full evaluation follows:

Criterion 1 (Event)

The building at 10963 San Pablo Avenue may be associated with historical events and patterns of development significant to the history of El Cerrito or the State of California that would raise it to a level of individual significance and eligibility. Although no specific events of historical importance are known to have occurred at the property, the building falls into the pattern of early initial development that established the nascent town of El Cerrito. The city was not incorporated until 15 years later, in 1917. The original building was constructed in 1902 and is one of the oldest buildings in the city. The El Cerrito Historical Society identifies the ten oldest buildings in the city, with the oldest built in 1895, and 10963 San Pablo shown to be among three built in 1902. It is one of the youngest three in the grouping of oldest buildings, but still represents a vestige of El Cerrito's founding and pre-incorporation era. The building was built along San Pablo Avenue, a main thoroughfare through El Cerrito, then and now, which fits with general trends locally, regionally, and nationwide, of commercial buildings being established along routes of easy access and, thus, forming the hub or spine of a growing town. The El Cerrito Historical Society disclaims that their information on the ten oldest buildings “is based on the build dates in the Contra Costa County Records. Some of the buildings have been modified such that character-defining features may no longer be evident.” This disclaimer regarding modification and loss of character-defining features certainly applies to the building at 10963 San Pablo Avenue, which has been altered to the point of being unrecognizable. If the building continued to retain integrity it might be eligible for individual listing in the California Register under Criterion 1 (Events); however, its lack of integrity negates the significant associations described above (see Integrity section, below).

Criterion 2 (Persons)

The commercial building at 10963 San Pablo Avenue was originally small enough that it housed a single business, first a saloon, then a grocery store. It has since grown to accommodate three storefronts and associated commercial units. Names that were found to be most strongly associated with the businesses housed at the property over the years include Joe Villalobos, Angelo Fara, and Ruby V. (Fara) Pozzan. These three also appear to have owned the property during the periods when they operated businesses in the building. It is unclear whether Villalobos was the person responsible for the construction of the subject building, or if his saloon was the first business to be housed in it, as his presence at the property can only be traced back as far as 1916. Basic biographical information for both he and Fara indicates that they were both immigrant business owners. Ruby Pozzan continued her father's grocery businesses for some time after his presumed death and was landlord to other businesses that came to be located in the expanded building. All three appear to have been well-known local business proprietors, although none have been confirmed as city founders, early business leaders, or otherwise stand out as having significant contributions or accomplishments that would make them significant to local or state history. Based on this analysis, the property is not eligible for individual listing in the California Register under Criterion 2 (Persons).

Criterion 3 (Architecture/Design)
The building at 10963 San Pablo Avenue does not exhibit high architectural merit and has detrimentally diminished integrity. It was originally a two-story building that appears to have been designed in a modest iteration of the Italianate style. It was likely clad with horizontal wood siding. It had tall narrow window openings with what appear to be double-hung sashes, typical of the Victorian era. It had a front-facing gable roof and the majority of its ornament was found on its false-front parapet, which appears to have featured a projecting cornice, block modillions, and a shaped and tabbed parapet profile. Even as such, the building does not appear to have been superlative among other Italianate style commercial buildings of the day, which are found throughout the East Bay and beyond. Today, it has been so drastically modified that no vestige of the building's original appearance remains. It currently bears a common and unremarkable utilitarian commercial aesthetic characterized by a one-story form, flat roof, stucco siding, and large extruded aluminum multi-lite storefront windows. No architect or builder were found to have designed or constructed the building, so it cannot claim association with a master of either trade. Because the building lacks architectural merit and physical integrity, and is not the work of any known architect or builder, it does not rise to a level of individual significance that would make it eligible for individual listing in the California Register under Criterion 3 (Architecture/Design).

Criterion 4 (Information Potential)
The analysis of 10963 San Pablo Avenue for eligibility under Criterion 4 (Information Potential) is primarily concerned with the discipline of archaeology and is beyond the scope of this report.

Integrity
In order to qualify for listing in the California Register, a property must possess significance under one of the aforementioned criteria and have historic integrity. The process of determining integrity is similar for both the California Register and the National Register. The same seven variables or aspects that define integrity—location, design, setting, materials, workmanship, feeling and association—are used to evaluate a resource’s eligibility for listing in the California Register and the National Register. According to the National Register Bulletin: How to Apply the National Register Criteria for Evaluation, these seven characteristics are defined as follows:

Location is the place where the historic property was constructed.

Design is the combination of elements that create the form, plans, space, structure and style of the property.

Setting addresses the physical environment of the historic property inclusive of the landscape and spatial relationships of the building/s.

Materials refer to the physical elements that were combined or deposited during a particular period of time and in a particular pattern of configuration to form the historic property.

Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history.

Feeling is the property’s expression of the aesthetic or historic sense of a particular period of time.
Association is the direct link between an important historic event or person and a historic property.

The building at 10963 San Pablo Avenue retains integrity of location, having never been moved from its original site on the west side of San Pablo Avenue in El Cerrito. The integrity of setting is weak, however; as the surrounding neighborhood has changed greatly since the building's construction in 1902 and is now a dense urban corridor characterized by commercial and high-density residential properties of non-historic/recent construction. The subject building has lost all integrity of design, materials, and workmanship, having been drastically enlarged and remodeled to the extent that the original building is greatly changed and no longer recognizable. It has been reduced in height from two to one stories; subsumed by extensive additions and accretions that have more than quadrupled it in size; and re-clad, re-fenestrated, and remodeled with modern materials such as stucco and extruded aluminum sash windows that bear no reference to historic materials or the original appearance of the building. Subsequently, integrity of feeling and association are also lost, because the building no longer expresses the historic Italianate aesthetics of its time period and its current appearance obscures perception and understanding of its age, original use, and architectural character. Overall, the building lacks integrity, which compounds its ineligibility for historic designation.

CONCLUSION

The building at 10963 San Pablo Avenue could be historically significant and eligible for California Register designation as one of the City of El Cerrito's oldest buildings; however it has lost integrity so drastically that it is no longer recognizable nor identifiable as the 1902 Italianate style commercial building it once was. Owners and occupying businesses during the historic period and later do not appear to have been influential and the current architecture is not noteworthy nor associated with a master architect/builder/developer. The building, therefore, does not appear to be eligible for listing on the California Register and subsequently does not qualify as a historic resource under CEQA.

CURRENT TENANT

The building is currently occupied by three businesses; Goody Donut shop, Hair Extraordinaire salon (possibly out of business), and the most prominent tenant, Playland-Not-at-the-Beach. The latter is a non-profit, volunteer operated “museum of fun” that houses pinball machines, arcade and carnival games, antique amusement devices, and other amusements, as well as historic exhibits with artifacts from the Sutro Baths and Whitney's Playland in San Francisco.

Playland-at-the-Beach was a seaside amusement park that was founded at San Francisco's Ocean Beach in 1884. The first ride was a “gravity railroad” roller coaster. A steam railroad and, later, trolley lines served Ocean Beach from downtown San Francisco and the amusement park grew to include numerous concessionaire-operated games and rides, as well as the nearby attractions of Cliff House and Sutro Baths. In the early 1920s, the various independent attractions began to be bought up by the partnership of Arthur Looff and John Friedle, then George and Leo Whitney, for whom it was named Whitney's Playland in 1928. By 1934, the amusement park occupied three city blocks and included 14 rides, 25 concessions, and five restaurants. The Whitneys purchased Cliff House and Sutro Baths, bringing everything under single ownership, which lasted until George Whitney's death in 1958. Post-World War II saw the slow deterioration and downsizing of Playland, exacerbated by Whitney's death. In 1972, the park was torn down. A condominium development now stands on the site.\(^5\)

\(^5\) Wikipedia, “Playland (San Francisco)”, https://en.wikipedia.org/wiki/Playland_(San_Francisco)
Playland-not-at-the-Beach was devised by El Cerrito businessman Richard Tuck in 2000. He purchased the former grocery store building to house his collection of Playland artifacts. Community volunteers stepped in to curate Tuck's collection and the “museum of fun” opened to the public in 2008 with the goal to “educate newer generations about bygone days and allow those who remember Whitney's Playland and the Sutro Baths the opportunity to recapture the glorious sights and sounds of that marvelous era.” The museum has 25 exhibits with specific emphasis on the attractions that once existed at Playland-at-the-Beach and the Sutro Baths. Included are the giant clown's blue hat from the top of the Playland Funhouse; Walking Charley, one of the original hand carved life-size wooden characters from the Fun House; books of Playland tickets and original park signage; parts of rides and games; rare photographs; employee uniforms; and prizes from the Playland arcade games.6

Although no longer in their original Ocean Beach location or seaside amusement park setting, the collection of Playland artifacts that the Playland-not-at-the-Beach organization maintains represents a significant concentration of curated and cared-for artifacts from a well-loved and historically significant (but no longer extant) site, which are made available to the public through the generosity of a private collector. It seems unlikely that any other more appropriate repository would be found that would satisfy the issue of location and setting in conjunction with the collection owner's own location preference and the organization's non-profit status. Making it possible for the museum to remain a tenant at its current location after the site has been redeveloped would likely be the most feasible way to protect and continue to make accessible the historic Playland artifact collection.

Report Detail: S-004950

Identifiers

Report No.: S-004950
Other IDs: Type Name
Caltrans 04209-400211

Citation information

Author(s): Margaret Buss
Year: 1982 (May)
Title: Archaeological Survey Report for Proposed High Occupancy Vehicle Lanes from Bay Bridge to Carquinez Bridge, 04-ALA/CC-80 2.0/8.0, 0.0/14.1 04209-400211
Affiliation: Caltrans, District 04
No. pages: 
No. maps: 
Attributes: Archaeological, Field study
Inventory size: c 20 li mi
Disclosure: Not for publication
Collections: No

General notes

The report contains several oversized maps that were not scanned.

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Address: 
PLSS:

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Last modified: 6/2/2017 raelync

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3/24/2015 hagell edited database
5/25/2017 hagell edited title & affiliation
6/2/2017 raelync Report verified; awaiting verification of 1 resource: P-07-000672.

Record status: Verified
Report Detail: S-006566

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- Other IDs:
- Cross-refs:

Citation information
- Author(s): Lawrence E. Weigel
- Year: 1984
- Title: Archaeological Survey Report, proposed sale of 6 excess parcels, 04-CCO-80P.M. 0.0/3.0 04452-911038
- Affiliation: Caltrans
- No. pages:
- No. maps:
- Attributes: Archaeological, Field study
- Inventory size: c 4 ac
- Disclosure: Not for publication
- Collections:

General notes

Associated resources
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- Has informals: No

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- User: hagell
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- Record status:

Page 2 of 8
Report Detail: S-007991

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- Report No.: S-007991
- Other IDs:
- Cross-refs:

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- Author(s): Adrian Praetzellis and Mary Praetzellis
- Year: 1986
- Title: Historical Research for the San Pablo Avenue Improvement Project, El Cerrito, California: San Pablo Avenue from Cutting Boulevard to Stockton Avenue and California
- Affiliation:
- No. pages:
- No. maps:
- Attributes:
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### Citation information

- **Author(s):** Cameron Bauer and Heather Price
- **Year:** 2007 (Mar)
- **Title:** Historic Property Survey Report, Seismic Retrofit of BART Aerial Structures and Stations Along Concord, Richmond, Daly City and Fremont Lines, Alameda, Contra Costa, and San Mateo Counties, STPLZ-6000 (25)
- **Affiliation:** Bay Area Rapid Transit District; William Self Associates, Inc.
- **No. pages:**
- **Inventory size:** c 21 li mi
- **Disclosure:** Not for publication
- **Collections:** No

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- **Author(s):** Heather Price
- **Year:** 2007 (Mar)
- **Title:** Historical Resources Evaluation Report, Exhibit I of HPSR, Seismic Retrofit of BART Aerial Structures and Stations Along Concord, Richmond, Daly City and Fremont Lines, District 4, Alameda, Contra Costa, San Francisco, and San Mateo Counties, STPLZ-6000
- **Affiliation:** William Self Associates, Inc.
- **Report type(s):** Archaeological, Evaluation, Excavation, Field study
- **Inventory size:**
- **Disclosure:** Not for publication
- **Collections:** No
- **PDF Pages:** 39-495

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- **Author(s):** Heather Price
- **Year:** 2007 (Mar)
- **Title:** Archaeological Survey Report Exhibit II of HPSR, Seismic Retrofit of BART Aerial Structures and Stations along the Concord, Richmond, Daly City and Fremont Lines, District 4, Alameda, Contra Costa, San Francisco, and San Mateo Counties, STPLZ-6000 (25)
- **Affiliation:** William Self Associates, Inc.
- **Report type(s):** Archaeological, Field study
- **Inventory size:**
- **Disclosure:** Not for publication
- **Collections:** No
- **PDF Pages:** 496-758
Report Detail: S-033504

Sub-desig.: c
Author(s): Jennifer Darcangelo and Milford Wayne Donaldson
Year: 2007 (Mar)
Title: FHWA 070321A Determinations of Eligibility for the Proposed Seismic Retrofit of BART Aerial Stations and Structures along the Concord, Richmond, Daly City, and Fremont Lines
Affiliation: California Department of Transportation; Office of Historic Preservation
Report type(s): OHP Correspondence
Inventory size:
No. pages:
Disclosure: Unrestricted
Collections: No
PDF Pages: 759-762

General notes
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Associated resources

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Has informals: No

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Address:
PLSS:

Database record metadata
Date Entered: 9/20/2007   Date Last modified: 7/17/2017
User: guldenj            User: vickeryn

IC actions:
Action taken
4/27/2015 neala combined S-33504, 33505, 33506. Voided S-33505 & S-33506
9/6/2016 neala removed SFR North quad from list. Not mapped in that quad

Record status: Verified
Report Detail: S-038251

Identifiers

Report No.: S-038251
Other IDs: Type Name
Caltrans EA 3A7761
Caltrans EA 3A7771

Citation information

Author(s): Jack Meyer
Year: 2011 (Sep)
Title: Buried Archaeological Site Assessment and Extended Phase I Subsurface Explorations for the I-80 Integrated Corridor Mobility Project, Caltrans District 04, Alameda and Contra Costa Counties, California, 04-ALA-CC-80, P.M. ALA 1.99/P.M. ALA 8.04, P.M. CC 0.0/P.M. CC 13.49, EA 3A7761 / EA 3A7771
Affiliation: Far Western Anthropological Research Group, Inc.
No. pages:
No. maps:
Attributes: Archaeological, Excavation, Field study
Inventory size:
Disclosure: Not for publication
Collections: No

General notes

Associated resources

No. resources: 0
Has informals: No

Location information

County(ies): Alameda, Contra Costa
USGS quad(s): Benicia, Mare Island, Oakland West, Richmond
Address:
PLSS:

Database record metadata

Date User
Entered: 10/19/2011 jordanl
Last modified: 9/28/2017 moored
IC actions:
Record status: Verified
Identifiers

Report No.: S-040631
Other IDs:
Cross-refts:

Citation information

Author(s): Heidi Koenig
Year: 2013 (May)
Title: West of Hills Northern Pipelines Project, East Bay Municipal Utility District, Contra Costa and Alameda Counties, Cultural Resources Survey Report
Affiliation: Environmental Science Associates
No. pages:
No. maps:
Attributes: Archaeological, Field study
Inventory size:
Disclosure: Not for publication
Collections: No

General notes

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PLSS:

Database record metadata

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Entered: 5/24/2013 baileyl
Last modified: 7/20/2015 hagell
IC actions:
Record status: Verified
APPENDIX GEO:
DRAFT GEOTECHNICAL INVESTIGATION
Prepared for Wang Brothers Investments, LLC

GEOTECHNICAL INVESTIGATION
PROPOSED MIXED-USE BUILDING
10963 SAN PABLO AVENUE
EL CERRITO, CALIFORNIA

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June 2, 2017
Project No. 17-1299
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Corrosivity Test Results
1.0 INTRODUCTION

This report presents the results of the geotechnical investigation performed by Rockridge Geotechnical, Inc. for the proposed mixed-use building to be constructed at 10963 San Pablo Avenue in El Cerrito, California. The site is located at the southwest corner of the intersection of San Pablo Avenue and Jefferson Avenue, as shown on the Site Location Map, Figure 1.

The site consists of two adjacent parcels bounded by San Pablo Avenue to the east, Jefferson Avenue to the north, and neighboring two-story buildings to the west and south. The overall site has plan dimensions of roughly 90 feet by 200 feet and is currently occupied by an asphalt-paved parking lot on the western half and a commercial building on the eastern half. The site is relatively level.

Based on schematic design drawings prepared by Studio KDA for the project, dated March 1, 2017, we understand plans are to demolish the existing building and to construct a 50-unit, multi-family residential building. The building will occupy the majority of the site and will consist of four wood-framed levels over an at-grade concrete podium level that will house parking as well as retail space, a gym, lounge conference room and leasing office.

2.0 SCOPE OF SERVICES

Our geotechnical investigation was performed in accordance with our proposal dated March 21, 2017. Our scope of services consisted of exploring subsurface conditions at the site by drilling three test borings, performing laboratory testing on select soil samples collected from the borings, and performing engineering analyses to develop conclusions and recommendations regarding:
• design groundwater level
• site seismicity and seismic hazards, including the potential for liquefaction and lateral spreading, and total and differential settlement resulting from liquefaction and/or cyclic densification
• the most appropriate foundation type(s) for the proposed building
• design criteria for the recommended foundation type(s), including vertical and lateral capacities for each of the foundation type(s)
• estimates of foundation settlement
• site grading and excavation, including criteria for fill quality and compaction and suitability for reuse of the on-site soil as engineered fill
• subgrade preparation for interior and exterior concrete slabs-on-grade
• 2016 California Building Code site class and design spectral response acceleration parameters
• corrosivity of the near-surface soil and the potential effects on buried concrete and metal structures and foundations
• construction considerations.

3.0 FIELD INVESTIGATION AND LABORATORY TESTING

Subsurface conditions at the site were explored by drilling three test borings and performing laboratory testing on select soil samples. Prior to our investigation, we obtained a drilling permit from Contra Costa County Environmental Health Division (CCCEHD) and contacted Underground Service Alert (USA) to notify them of our work, as required by law. We also retained Precision Locating, LLC, a private utility locator, to check that the boring locations were clear of buried utilities. Details of the field investigation and laboratory testing are described in the remainder of this section.

3.1 Test Borings

Three test borings, designated as Borings B-1 through B-3, were drilled on April 10, 2017 by Pitcher Drilling Company of East Palo Alto, California at the approximate locations shown on the Site Plan, Figure 2. The borings were drilled using a truck-mounted drill rig equipped with
mud rotary capabilities. All three borings were terminated in bedrock at depths ranging between approximately 30 and 35 feet below the existing ground surface (bgs).

During drilling, our field engineer logged the soil and bedrock encountered and obtained representative samples for visual classification and laboratory testing. Groundwater was encountered during drilling and before switching to mud rotary drilling methods. The level and time at which groundwater was observed are noted on the boring logs. The final boring logs were developed based on laboratory test data, review of soil and rock samples in the office, and the conditions recorded on the field logs. Boring logs are presented on Figures A-1 through A-3 in Appendix A. The soil and rock encountered in the borings were classified in accordance with the classification charts shown on Figures A-4 and A-5, respectively.

Soil samples were obtained using the following samplers:

- Sprague and Henwood (S&H) split-barrel sampler with a 3.0-inch outside diameter and 2.5-inch inside diameter, lined with 2.43-inch inside diameter stainless steel tubes.
- Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside and 1.5-inch inside diameter, without liners.

The S&H and SPT samplers were driven with a 140-pound, automatic hammer falling about 30 inches per drop. The samplers were driven up to 18 inches and the hammer blows required to drive the sampler were recorded every six inches and are presented on the boring logs. A “blow count” is defined as the number of hammer blows per six inches of penetration or 50 blows for six inches or less of penetration. The blow counts used for this conversion were: (1) the last two blow counts if the sampler was driven more than 12 inches, (2) the last one blow count if the sampler was driven more than six inches but less than 12 inches, and (3) the only blow count if the sampler was driven six inches or less. The blow counts required to drive the S&H and SPT samplers were converted to approximate SPT N-values using factors of 0.84 and 1.44, respectively, to account for sampler type, approximate hammer energy, and the fact that the SPT sampler was designed to accommodate liners, but liners were not used. The converted SPT N-values are presented on the boring logs.
Upon completion of drilling, the boreholes were backfilled with cement grout under the observation of the CCCEHD inspector and patched with asphalt. The soil cuttings generated by the borings were collected in drums and disposed of off-site by the drilling subcontractor.

3.2 Laboratory Testing

We re-examined each soil sample obtained from our borings to confirm the field classifications and selected representative samples for laboratory testing. Geotechnical laboratory tests were performed on select soil samples to assess their engineering properties and physical characteristics. Soil samples were tested by B. Hillebrandt Soils Testing, Inc. of Alamo, California to measure moisture content, dry density, particle size distribution (gradation), and plasticity (Atterberg limits). Corrosivity testing of a sample of near-surface soil was performed by Project X Corrosion Engineering of Murrieta, California. The results of the geotechnical laboratory tests are presented on the boring logs and in Appendix B.

4.0 SUBSURFACE CONDITIONS

As presented on the Regional Geologic Map (Figure 3), the site is mapped as being underlain by Holocene-age alluvium (Qha) (Graymer, 2006). Alluvial deposits are sediments deposited by flowing water (rivers, streams, flood plains, etc.). These types of deposits can be composed of interbedded layers of mixed gravelly, sandy, clayey, and silty soils.

Based on the results of our borings, we conclude that the site is underlain by alluvial deposits predominantly consisting of stiff to hard clays with varying sand content interbedded with layers of loose dense to dense clayey sand. In the southwest corner of the site in Boring B-3 a layer of medium stiff clay and sandy clay was encountered to a depth of about 5-1/2 feet bgs. Loose clayey sand was encountered in Boring B-2 between a depth of about 6 and 8 feet bgs. Where explored, the top of sandstone is at depths of 26-1/2 to 31 feet bgs and the sandstone has low to moderate hardness, friable to moderately strong, and deeply to moderately weathered.
Two Atterberg limits tests were performed on select samples of the near-surface clay (i.e., upper 2-1/2 to 3 feet). The Atterberg limits tests performed on near-surface clay samples from Borings B-1 and B-3 resulted have a plasticity indices (PIs) of 17 and 14, respectively. These PI values indicate the surficial clay has moderate expansion potential\(^1\). An additional Atterberg limits test was performed on a sample of clayey sand from Boring B-2 at a depth of about 7 feet bgs to further evaluate liquefaction potential.

### 4.1 Groundwater

Groundwater was measured in test borings when first encountered before switching to mud rotary drilling methods. Initial groundwater was measured at depths ranging from 5.3 to 9 feet bgs in the borings. It should be noted; groundwater may not have had sufficient time to stabilize at the time the measurements were taken in the borings.

To estimate the highest potential groundwater level at the site, we reviewed information on the State of California Water Resources Control Board GeoTracker website (http://geotracker.waterboards.ca.gov/). A nearby site with historic groundwater data on the GeoTracker website is 10940 San Pablo Avenue (to the east of the site; similar ground surface elevation). The data at this site consists of two measurements in three monitoring wells. Groundwater was measured on April 11, 1995 and May 8, 2001. Groundwater measurements range from approximately 4.8 to 5.7 feet bgs (Subsurface Consultants, Inc., 2001).

The groundwater level at the site is expected to fluctuate several feet seasonally with potentially larger fluctuations annually, depending on the amount of rainfall. Based on the results of our investigation and our review of available groundwater data at the site vicinity, we estimate the groundwater table at the site can be as shallow as about 5 feet bgs.

---

\(^1\) Expansive soil undergoes volumetric changes with changes in moisture content (i.e. it shrinks when dried and swells when wetted).
5.0 SEISMIC CONSIDERATIONS

The results of our evaluation regarding seismic considerations for the project site are presented in the following sections.

5.1 Regional Seismicity

The site is located in the Coast Ranges geomorphic province of California that is characterized by northwest-trending valleys and ridges. These topographic features are controlled by folds and faults that resulted from the collision of the Farallon plate and North American plate and subsequent strike-slip faulting along the San Andreas Fault system. The San Andreas Fault is more than 600 miles long from Point Arena in the north to the Gulf of California in the south. The Coast Ranges province is bounded on the east by the Great Valley and on the west by the Pacific Ocean.

The major active faults in the area are the Hayward, San Andreas, and Calaveras faults. These and other faults in the region are shown on Figure 4. For these and other active faults within a 50-kilometer radius of the site, the distance from the site and estimated mean characteristic Moment magnitude\(^2\) \cite{WGCEP2008, Cao2003} are summarized in Table 1.

---

\(^2\) Moment magnitude is an energy-based scale and provides a physically meaningful measure of the size of a faulting event. Moment magnitude is directly related to average slip and fault rupture area.
Since 1800, four major earthquakes have been recorded on the San Andreas Fault. In 1836, an earthquake with an estimated maximum intensity of VII on the Modified Mercalli (MM) scale occurred east of Monterey Bay on the San Andreas Fault (Toppozada and Borchardt, 1998). The estimated Moment magnitude, $M_w$, for this earthquake is about 6.25. In 1838, an earthquake occurred with an estimated intensity of about VIII-IX (MM), corresponding to an $M_w$ of about 7.5. The San Francisco Earthquake of 1906 caused the most significant damage in the history of

### TABLE 1
Regional Faults and Seismicity

<table>
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<tr>
<th>Fault Segment</th>
<th>Approximate Distance from Site (km)</th>
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<th>Mean Characteristic Moment Magnitude</th>
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<td>Northeast</td>
<td>7.00</td>
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<tr>
<td>Total Hayward-Rodgers Creek</td>
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<td>Northwest</td>
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<td>East</td>
<td>6.70</td>
</tr>
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<td>Green Valley Connected</td>
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<td>East</td>
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<tr>
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<td>West</td>
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<td>N. San Andreas (1906 event)</td>
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<td>West</td>
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<tr>
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<td>Great Valley 5, Pittsburg Kirby Hills</td>
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<td>Greenville Connected</td>
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<tr>
<td>Point Reyes</td>
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<td>6.90</td>
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the Bay Area in terms of loss of lives and property damage. This earthquake created a surface rupture along the San Andreas Fault from Shelter Cove to San Juan Bautista approximately 470 kilometers in length. It had a maximum intensity of XI (MM), an $M_w$ of about 7.9, and was felt 560 kilometers away in Oregon, Nevada, and Los Angeles. The most recent earthquake on the San Andreas fault to affect the Bay Area was the Loma Prieta Earthquake of October 17, 1989, with an $M_w$ of 6.9. This earthquake occurred in the Santa Cruz Mountains about 105 kilometers south of the site.

In 1868, an earthquake with an estimated maximum intensity of X on the MM scale occurred on the southern segment (between San Leandro and Fremont) of the Hayward Fault. The estimated $M_w$ for the earthquake is 7.0. In 1861, an earthquake of unknown magnitude (probably an $M_w$ of about 6.5) was reported on the Calaveras Fault. The most recent significant earthquake on this fault was the 1984 Morgan Hill earthquake ($M_w = 6.2$).

On August 24, 2014 an earthquake with an estimated maximum intensity of VIII (severe) on the MM scale occurred on the West Napa fault. This earthquake was the largest earthquake event in the San Francisco Bay Area since the Loma Prieta Earthquake. The $M_w$ of the 2014 South Napa Earthquake was 6.0.

The U.S. Geological Survey's 2014 Working Group on California Earthquake Probabilities has compiled the earthquake fault research for the San Francisco Bay area in order to estimate the probability of fault segment rupture. They have determined that the overall probability of moment magnitude 6.7 or greater earthquake occurring in the San Francisco Region during the next 30 years (starting from 2014) is 72 percent (Field, 2015). The highest probabilities are assigned to the Hayward Fault, Calaveras Fault, and the northern segment of the San Andreas Fault. These probabilities are 14.3, 7.4, and 6.4 percent, respectively.
5.2 Geologic Hazards

Because the project site is in a seismically active region, we evaluated the potential for earthquake-induced geologic hazards including ground shaking, ground surface rupture, liquefaction, lateral spreading, and cyclic densification. We used the results of our field investigation to evaluate the potential of these phenomena occurring at the project site.

5.2.1 Ground Shaking

The seismicity of the site is governed by the activity of the Hayward Fault, although ground shaking from future earthquakes on other faults, will also be felt at the site. The ground shaking intensity felt at the project site will depend on: 1) the size of the earthquake (magnitude), 2) the distance from the site to the fault source, 3) the directivity (focusing of earthquake energy along the fault in the direction of the rupture), and 4) subsurface conditions. The site is less than two kilometers from the Hayward Fault. Therefore, the potential exists for a large earthquake to induce strong to very strong ground shaking at the site during the life of the project.

5.2.2 Ground Surface Rupture

Historically, ground surface displacements closely follow the trace of geologically young faults. The site is not within an Earthquake Fault Zone, as defined by the Alquist-Priolo Earthquake Fault Zoning Act, and no known active or potentially active faults exist on the site. We, therefore, conclude the risk of fault offset at the site from a known active fault is very low. In a seismically active area, the remote possibility exists for future faulting in areas where no faults previously existed; however, we conclude the risk of surface faulting and consequent secondary ground failure from previously unknown faults is also very low.

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3 Liquefaction is a phenomenon where loose, saturated, cohesionless soil experiences temporary reduction in strength during cyclic loading such as that produced by earthquakes.
4 Lateral spreading is a phenomenon in which surficial soil displaces along a shear zone that has formed within an underlying liquefied layer. Upon reaching mobilization, the surficial blocks are transported downslope or in the direction of a free face by earthquake and gravitational forces.
5 Cyclic densification is a phenomenon in which non-saturated, cohesionless soil is compacted by earthquake vibrations, causing ground-surface settlement.
5.2.3 Liquefaction and Associated Hazards

When a saturated, cohesionless soil liquefies, it experiences a temporary loss of shear strength created by a transient rise in excess pore pressure generated by strong ground motion. Soil susceptible to liquefaction includes loose to medium dense sand and gravel, low-plasticity silt, and some low-plasticity clay deposits. Flow failure, lateral spreading, differential settlement, loss of bearing strength, ground fissures and sand boils are evidence of excess pore pressure generation and liquefaction.

We evaluated the liquefaction potential of soil encountered below groundwater at the site using data collected in our borings. Our liquefaction triggering analyses were performed using the methodology proposed by Youd et al. (2001). Liquefaction-induced ground settlement was estimated using the relationship proposed by Tokimatsu & Seed (1984).

Our analyses were performed using a groundwater depth of 5 feet bgs. In accordance with the 2016 CBC, we used a peak ground acceleration of 0.88 times gravity (g) in our liquefaction evaluation; this peak ground acceleration is consistent with the Maximum Considered Earthquake Geometric Mean (MCE$_{G}$) peak ground acceleration adjusted for site effects (PGA$_{M}$). We also used a moment magnitude 7.33 earthquake, which is consistent with the mean characteristic moment magnitude for the Hayward Fault, as presented in Table 1.

Our liquefaction analysis indicates the majority of the clayey sand layers underlying the site are sufficiently dense to resist liquefaction; however, we encountered an approximately 2-foot-thick layer of loose granular soil between depths of 6 and 8 feet at Boring B-2. With about 30 percent plastic fines and a plasticity index (PI) of about 16, this material is considered too plastic to exhibit “sand-like” liquefaction behavior during a major earthquake. However, we conclude this layer may experience a temporary reduction in shear strength, referred to as cyclic softening, during a major earthquake. Dissipation of the excess pore pressures in the clayey sands following the earthquake could result in settlement of shallow foundations and other at-grade improvements of up to approximately 3/4 inch. Considering the soil layer susceptible to cyclic
softening is not continuous, seismically induced differential settlement of 1/2 inch over a horizontal distance of 30 feet should be assumed in design of foundations.

The layer subject to cyclic softening in Boring B-2 is relatively shallow, such that the potential for a reduction in bearing capacity may occur. The reduction in bearing capacity is accounted for in the footing recommendations presented in Section 7.2.

Considering the relatively flat site grades and the absence of a free face in the site topography, as well as the depth and relative thickness of the potentially liquefiable layers, we conclude the risk of lateral spreading is very low.

5.2.4 Cyclic Densification

Cyclic densification (also referred to as differential compaction) of non-saturated sand (sand above groundwater table) can occur during an earthquake, resulting in settlement of the ground surface and overlying improvements.

The results of our borings indicate the soil above the groundwater at the site generally consists of cohesive soil which is not susceptible to cyclic densification due to its relatively high fines content and cohesion. Therefore, we conclude the potential for ground surface settlement resulting from cyclic densification at the site is nil.
6.0 DISCUSSIONS AND CONCLUSIONS

From a geotechnical standpoint, we conclude the site can be developed as planned, provided the recommendations presented in this report are incorporated into the project plans and specifications and implemented during construction. The primary geotechnical concern at the site is providing adequate foundation support for the proposed building. This and other geotechnical issues, as they pertain to the proposed building, are discussed in the remainder of this section.

6.1 Foundation Support and Settlement

The proposed building is planned to be constructed at-grade. The site is underlain primarily by medium stiff to very stiff clay which has moderate strength and relatively low compressibility. Therefore, we conclude the proposed building may be supported on conventional spread footings without excessive settlement under static conditions. As discussed in Section 5.2.3, thin layers of medium dense clayey sand may be subject to cyclic softening during a major earthquake beneath portion of the site. As a result of the potential for cyclic softening, we conclude that reduced allowable bearing pressures should be used in the design of the footings. Based on our experience with similar projects, we anticipate maximum column loads on the order of 450 kips. Our settlement analyses indicate total static settlement of footings bearing on undisturbed native soil or properly engineered fill, designed using the allowable bearing pressures presented in Section 7.2 of this report, will be less than 3/4 inch and differential settlement will be less than about 1/2 inch over a horizontal distance of 30 feet.

6.2 Groundwater

As discussed in Section 4.1, we conclude the design high groundwater depth for the proposed project should be 5 feet bgs. If any portions of the new construction will extend close to this elevation (elevator pits, underslab vaults, etc.), they should include waterproofing and be designed for hydrostatic pressures. Furthermore, any excavations deeper than 5 feet may require temporary dewatering during construction, as discussed in Section 6.5.
6.3 Expansive Soil

Atterberg limits tests performed on samples of the near-surface clay indicate that the surficial soil at the site has moderate expansion potential. Expansive near-surface soil is subject to volume changes during seasonal fluctuations in moisture content. These volume changes can cause movement and cracking of foundations and sidewalks. Therefore, foundations and concrete slabs should be designed and constructed to resist the effects of the expansive soil.

In general, the effects of expansive soil can be mitigated by moisture-conditioning the expansive soil, providing select, non-expansive fill below interior and exterior slabs, and either supporting foundations below the zone of severe moisture change or by providing a stiff, shallow foundation that can limit deformation of the superstructure as the underlying soil shrinks and swells. Recommendations for building pad preparation, exterior concrete flatwork subgrade preparation, and site drainage and landscaping considerations are included in Section 7.1.

6.4 Soil Corrosivity

Corrosivity testing was performed by Project X Corrosion Engineer of Murrieta, California on a sample of soil obtained during our field investigation from Boring B-2 at a depth of one foot bgs. The results of the test are presented in Appendix B of this report.

Based on the results of the corrosivity test, we conclude the soil is considered “mildly corrosive” with respect to resistivity. Accordingly, all buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric-coated steel or iron should be protected against corrosion depending upon the critical nature of the structure. The results indicate that sulfate ion concentrations are sufficiently low to not pose a threat to buried concrete.

The results indicate the chloride ion concentration is considered “corrosive” and intrusion of chloride ions into the concrete may lead to corrosion of the embedded steel reinforcement (Caltrans, 2015). To help prevent the diffusion of chloride ions into the concrete, supplementary cementitious materials such as fly-ash, silica fume, slag, etc. should be used in the concrete
design to reduce the permeability of the concrete. A low water-cement ratio leads to a denser concrete, which also leads to lower permeability concrete (Caltrans, 2010).

If needed, a corrosion engineer should be retained to provide detailed recommendations for corrosion protection of buried metals and reinforcing in buried concrete structures.

6.5 Construction Considerations

The soil to be excavated for the proposed foundations and utilities is expected to consist primarily of clay and sandy clay which can be excavated with conventional earth-moving equipment such as backhoes. If site grading is performed during the rainy season, the near-surface clay will likely be wet and will have to be dried before compaction can be achieved.

All disturbed soil resulting from demolition activities that will be beneath the bottom of foundation should be overexcavated and recompacted in accordance with the recommendations below in Section 7.1.

Any excavations extending more than about 5 feet below existing grades will likely require temporary dewatering during construction. Any footing excavations that extend close to the groundwater (deeper than about 3 feet below existing grades) may be soft and sensitive to disturbance from construction activities, especially if standing water is allowed to pond on the subgrade. Disturbance to footing subgrades can be mitigated to some degree by over-excavating the footings by about 3 inches and placing mudslabs following inspection by our engineer. The purpose of the mudslab is to protect the sensitive soil subgrade and to provide a firm working surface during placement of reinforcing steel. We recommend the contractor budget accordingly for potential dewatering and mudslabs in the bottoms of deep footing excavations.
7.0 RECOMMENDATIONS

Our recommendations for site preparation and grading, foundation design, seismic design, and other geotechnical aspects of the project are presented in this section.

7.1 Site Preparation and Grading

Site clearing should include removal of all existing pavements, former foundation elements, and underground utilities. Any vegetation and organic topsoil should be stripped in areas to receive improvements (i.e., building, pavement, or flatwork). Tree roots with a diameter greater than 1/2 inch within four feet of building subgrade should be removed. Demolished asphalt concrete should be taken to an asphalt recycling facility. Aggregate base beneath existing pavements may be re-used as select fill, if carefully segregated.

In general, abandoned underground utilities should be removed to the property line or service connections and properly capped or plugged with concrete. Where existing utility lines are outside of the proposed building footprint and will not interfere with the proposed construction, they may be abandoned in-place provided the lines are filled with lean concrete or cement grout to the property line. Any excavations created during demolition should be properly backfilled with compacted fill under the direction of our field engineer.

In areas to receive fill or improvements (i.e. building pad subgrade), the soil subgrade should be scarified to a depth of at least eight inches, and moisture-conditioned and compacted to the specified percent relative compaction, as presented below in Table 2. Note that “moisture-conditioning” may require wetting or drying of the soil, depending on the particular conditions encountered during construction.

---

6 Relative compaction refers to the in-place dry density of soil expressed as a percentage of the maximum dry density of the same material, as determined by the ASTM D1557 laboratory compaction procedure.
If grading work is performed during the rainy season, the contractor may find the subgrade material too wet to compact to the recommended relative compaction and will have to be scarified and aerated to lower its moisture content so the specified compaction can be achieved. Material to be dried by aeration should be scarified to a depth of at least eight inches; the scarified soil should be turned at least twice a day to promote uniform drying. Once the moisture content of the aerated soil has been reduced to acceptable levels, the soil should be compacted in accordance with our recommendations. Aeration typically is the least costly method used to stabilize the subgrade soil; however, it generally requires the most time to complete. Other soil stabilization alternatives include overexcavating and replacing with drier material, and lime-treatment.

### 7.1.1 Fill Materials and Compaction Criteria

All fill should be placed in horizontal lifts not exceeding eight inches in loose thickness, moisture-conditioned, and compacted in accordance with the requirements provided below in Table 2. Each type of material is described in the following text according to its uses and specifications.
### TABLE 2

Summary of Compaction Requirements

<table>
<thead>
<tr>
<th>Location</th>
<th>Required Relative Compaction (percent)</th>
<th>Moisture Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>General subgrade – low-plasticity</td>
<td>90+</td>
<td>Above optimum</td>
</tr>
<tr>
<td>General subgrade – low to moderately expansive clay</td>
<td>90+</td>
<td>2+% above optimum</td>
</tr>
<tr>
<td>Building pad subgrade – low-plasticity</td>
<td>90+</td>
<td>Above optimum</td>
</tr>
<tr>
<td>Building pad subgrade – low to moderately expansive clay</td>
<td>90+</td>
<td>2+% above optimum</td>
</tr>
<tr>
<td>Exterior flatwork subgrade – low-plasticity</td>
<td>90+</td>
<td>Above optimum</td>
</tr>
<tr>
<td>Exterior flatwork subgrade – low to moderately expansive clay</td>
<td>90+</td>
<td>2+% above optimum</td>
</tr>
<tr>
<td>Exterior flatwork – select fill</td>
<td>90+</td>
<td>Above optimum</td>
</tr>
<tr>
<td>Vehicular pavement subgrade (upper 6 inches)</td>
<td>95+</td>
<td>Above optimum</td>
</tr>
<tr>
<td>Fill and backfill – low to moderately expansive clay</td>
<td>90+</td>
<td>2+% above optimum</td>
</tr>
<tr>
<td>Fill and backfill – low-plasticity</td>
<td>90+</td>
<td>Above optimum</td>
</tr>
<tr>
<td>Fill and backfill - clean sand or gravel</td>
<td>95+</td>
<td>Near optimum</td>
</tr>
<tr>
<td>Fill and backfill – aggregate base</td>
<td>95+</td>
<td>Near optimum</td>
</tr>
</tbody>
</table>

Note: Select fill is considered low-plasticity soil.

**On-site Soil**

On-site soil may be used as general fill, provided it is free of organic matter, contain no rocks or lumps larger than three inches in greatest dimension, and can be compacted to the relative compactions presented in Table 2 (moisture-conditioning will likely be required).
Select Fill
Select fill should consist of on-site or imported soil that is free of organic matter, contain no rocks or lumps larger than three inches in greatest dimension, have a liquid limit less than 40 and plasticity index less than 12, and be approved by the Geotechnical Engineer. Samples of proposed select fill material should be submitted to the Geotechnical Engineer at least three business days prior to use at the site.

The grading contractor should provide analytical test results or other suitable environmental documentation indicating proposed imported fill is free of hazardous materials at least three days before use at the site. If this data is not provided, a minimum of two weeks will be required to perform any necessary analytical testing.

Aggregate Base Material
Imported aggregate base (AB) may be used as select fill or trench backfill (above bedding materials). AB placed beneath sidewalks and vehicular pavements within public right-of-way should meet the requirements in the 2015 Caltrans Standard Specifications, Section 26, for Class 2 Aggregate Base (3/4 inch maximum).

Controlled Low Strength Material
Controlled low strength material (CLSM) may be considered as an alternative to fill beneath the building, concrete flatwork, or pavement. CLSM should meet the requirements in the 2015 Caltrans Standard Specifications. It is an ideal backfill material when adequate room is limited or not available for conventional compaction equipment, or when settlement of the backfill must be minimized. No compaction is required to place CLSM. CLSM should have a minimum 28-day unconfined strength of 50 pounds per square inch (psi).

7.1.2 Exterior Flatwork Subgrade Preparation
We recommend exterior concrete flatwork be underlain by a minimum of six inches of select, non-expansive fill (such as Class 2 AB). The soil subgrade and select fill should be moisture-conditioned and compacted in accordance with the requirements provided above in Table 2. The
prepared subgrade should be kept moist until it is covered with select fill. We recommend thickening the edges of concrete flatwork where it is immediately adjacent to landscaped areas.

7.1.3 Utility Trench Backfill

Excavations for utility trenches can be readily made with a backhoe. All trenches should conform to the current CAL-OSHA requirements. To provide uniform support, pipes or conduits should be bedded on a minimum of four inches of clean sand or fine gravel. After the pipes and conduits are tested, inspected (if required) and approved, they should be covered to a depth of six inches with sand or fine gravel, which should be mechanically tamped. The pipe bedding and cover should be eliminated where an impermeable plug is required as described below. Backfill for utility trenches and other excavations is also considered fill, and should be placed and compacted in accordance with the recommendations previously presented. If imported clean sand or gravel (clean is defined as soil with less than 10 percent fines) is used as backfill, it should be compacted to at least 95 percent relative compaction. Jetting of trench backfill should not be permitted. Special care should be taken when backfilling utility trenches in pavement areas. Poor compaction may cause excessive settlements, resulting in damage to the improvements above the fill.

Where utility trenches enter the building pad, an impermeable plug consisting of CLSM, at least three feet in length, should be installed where the trenches enter the building footprint. Furthermore, where sand- or gravel-backfilled trenches cross planter areas and pass below asphalt or concrete pavements, a similar plug should be placed at the edge of the pavement. The purpose of these recommendations is to reduce the potential for water to become trapped in trenches beneath the building or pavements. This trapped water can cause heaving of soils beneath slabs and softening of subgrade soil beneath pavements.

Foundations for the proposed structure should be bottomed below an imaginary line extending up at a 1.5:1 (horizontal:vertical) inclination from the base of the utility trenches running parallel to the foundation. Alternatively, the portion of the utility trench that is below the 1.5:1 line can
be backfilled with CLSM (see Section 7.1.1 for material requirements) or Class 2 AB compacted
to at least 95 percent relative compaction. If utility trenches are to be excavated below this zone-
of-influence line after construction of the building foundations, the trench walls need to be fully
supported with shoring until CLSM is placed—compacted AB shall not be used in this scenario.

7.1.4 Drainage and Landscaping

Positive surface drainage should be provided around the building to direct surface water away
from foundations and below-grade walls. To reduce the potential for water ponding adjacent to
the building, we recommend the ground surface within a horizontal distance of five feet from the
building slope down away from the building with a surface gradient of at least two percent in
unpaved areas and one percent in paved areas. In addition, roof downspouts should be
discharged into controlled drainage facilities to keep the water away from the foundation and
below-grade walls. The use of water-intensive landscaping or unlined bio-swales around the
perimeter of the building should be avoided.

7.2 Spread Footing Foundations

Provided the estimated total and differential settlements presented in Sections 5.2 and 6.1 are
acceptable, the proposed podium may be supported on deepened spread footings founded on
undisturbed native soils.

Continuous footings should be at least 18 inches wide, and isolated spread footings should be at
least 24 inches wide. Perimeter footings should be bottomed at least 30 inches below the outside
grade. The perimeter footing embedment depth may be decreased by six inches where pavement
or concrete flatwork is immediately adjacent to the building. Interior footings should extend at
least 24 inches below the bottom of the capillary moisture break. Footings to be constructed near
underground utilities should be bottomed below an imaginary line extending up at an inclination
of 1.5:1 (horizontal:vertical) from the bottom of the utility trench.
Footings may be designed using allowable bearing pressures of 2,500 pounds per square foot (psf) for dead-plus-live loads and 3,300 psf for total design loads, which include wind or seismic forces.

As discussed in Section 6.5, footings that extend near the groundwater level (deeper than about 3 feet bgs) should incorporate a mud slab to protect the footing subgrade from disturbance during construction. This will involve over-excavating the footing by about 3 inches and placing lean concrete or sand-cement slurry in the bottom (following inspection by our engineer). A mud slab will help protect the footing subgrade during placement of reinforcing steel. Water can then be pumped from the excavations prior to placement of structural concrete, if present.

Lateral loads may be resisted by a combination of passive pressure on the vertical faces of the footings and friction between the bottoms of the footings and the supporting soil. To compute lateral resistance of new footings, we recommend using an allowable equivalent fluid weight (triangular distribution) of 275 pounds per cubic foot (pcf) for sustained loads and an allowable uniform pressure of 1,500 psf (rectangular distribution) for transient loads. Passive pressure in the upper one foot of soil should be neglected unless confined by a slab or pavement. Frictional resistance should be computed using a base friction coefficient of 0.3. The passive pressure and frictional resistance values include a factor of safety of at least 1.5 and may be used in combination without reduction.

Footing excavations should be free of standing water, debris, and disturbed materials prior to placing concrete. The bottoms and sides of the excavations should be moistened following excavation and maintained in a moist condition until concrete is placed. If the foundation soil dries during construction, the footing will eventually heave, which may result in cracking and distress. We should check footing excavations prior to placement of a mudslab (if used) and/or reinforcing steel to check for proper bearing and cleanout.
7.3 Building Slab

The building slab in the parking and retail areas may be designed as slabs-on-grade. The garage slab-on-grade should be at least five inches thick and underlain by a minimum of six inches of Class 2 aggregate base (AB) compacted to at least 95 percent relative compaction. The slab-on-grade floor in other parts of the building should be underlain by at least six inches of select fill compacted to at least 90 percent relative compaction, as well as the capillary break described below.

Where water vapor transmission through the slab-on-grade floor is undesirable, we recommend installing a capillary moisture break and a water vapor retarder beneath the floor. A vapor retarder and capillary moisture break are generally not required beneath parking garage floor slabs because there is sufficient air circulation to allow evaporation of moisture that is transmitted through the slab; however, we recommend the vapor retarder and capillary break be installed in the retail space, residential lobby and amenity areas, and below the slab-on-grade in utility rooms and any areas in or adjacent to the parking garage that will be used for storage and/or will receive a floor covering or coating.

A capillary moisture break consists of at least four inches of clean, free-draining gravel or crushed rock. The vapor retarder should meet the requirements for Class B vapor retarders stated in ASTM E1745. The vapor retarder should be placed in accordance with the requirements of ASTM E1643. These requirements include overlapping seams by six inches, taping seams, and sealing penetrations in the vapor retarder. If required by the structural engineer, the vapor retarder may be covered with two inches of sand to aid in curing the concrete and to protect the vapor retarder during slab construction—however, this is not a requirement from a geotechnical standpoint. The sand overlying the vapor retarder should be moist at the time concrete is placed. However, excess water trapped in the sand could eventually be transmitted as vapor through the slab. Therefore, if rain is forecast prior to pouring the slab, the sand should be covered with plastic sheeting to avoid wetting. If the sand becomes wet, concrete should not be placed until the sand has been dried or replaced.
The particle size of the capillary break material and sand (if used) should meet the gradation requirements presented in Table 3.

**TABLE 3**
Gradation Requirements for Capillary Moisture Break

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percentage Passing Sieve</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gravel or Crushed Rock</strong></td>
<td></td>
</tr>
<tr>
<td>1 inch</td>
<td>90 – 100</td>
</tr>
<tr>
<td>3/4 inch</td>
<td>30 – 100</td>
</tr>
<tr>
<td>1/2 inch</td>
<td>5 – 25</td>
</tr>
<tr>
<td>3/8 inch</td>
<td>0 – 6</td>
</tr>
<tr>
<td><strong>Sand</strong></td>
<td></td>
</tr>
<tr>
<td>No. 4</td>
<td>100</td>
</tr>
<tr>
<td>No. 200</td>
<td>0 – 5</td>
</tr>
</tbody>
</table>

Concrete mixes with high water/cement (w/c) ratios result in excess water in the concrete, which increases the cure time and results in excessive vapor transmission through the slab. Therefore, concrete for the floor slab should have a low w/c ratio - less than 0.50. If the concrete is poured directly over the vapor retarder, we recommend the w/c ratio of the concrete not exceed 0.45. In either case, water should not be added to the concrete mix in the field. If necessary, workability should be increased by adding plasticizers. In addition, the slab should be properly cured. Before the floor covering is placed, the contractor should check that the concrete surface and the moisture emission levels (if emission testing is required) meet the manufacturer’s requirements.

### 7.4 Seismic Design

We understand the proposed building will be designed using the seismic provisions in the 2016 CBC. The site latitude and longitude are 37.9169° and -122.3126°, respectively. In accordance with the 2016 CBC, we recommend the following:
- Site Class C
- \( S_S = 2.290 \text{ g}, S_1 = 0.950 \text{ g} \)
- \( S_{MS} = 2.290 \text{ g}, S_{M1} = 1.236 \text{ g} \)
- \( S_{DS} = 1.527 \text{ g}, S_{D1} = 0.824 \text{ g} \)
- Seismic Design Category E for Risk Categories I, II, and III.

### 8.0 ADDITIONAL GEOTECHNICAL SERVICES

Prior to construction, Rockridge Geotechnical should review the project plans and specifications to verify that they conform to the intent of our recommendations. During construction, our field engineer should provide on-site observation and testing during site preparation, placement and compaction of fill, and installation of building foundations. These observations will allow us to compare actual with anticipated subsurface conditions and to verify that the contractor's work conforms to the geotechnical aspects of the plans and specifications.

### 9.0 LIMITATIONS

This geotechnical investigation has been conducted in accordance with the standard of care commonly used as state-of-practice in the profession. No other warranties are either expressed or implied. The recommendations made in this report are based on the assumption that the subsurface conditions do not deviate appreciably from those disclosed in the exploratory borings. If any variations or undesirable conditions are encountered during construction, we should be notified so that additional recommendations can be made. The foundation recommendations presented in this report are developed exclusively for the proposed development described in this report and are not valid for other locations and construction in the project vicinity.
REFERENCES

2015 Caltrans Standard Specifications

2016 California Building Code

California Department of Transportation (2010). Memo to Designers 10-5, Protection of Reinforcement Against Corrosion Due to Chlorides, Acids, and Sulfates, June.


Base map: The Thomas Guide
Contra Costa County
2002

10963 SAN PABLO AVENUE
El Cerrito, California

ROCKRIDGE
GEOTECHNICAL

DATE  04/12/17  PROJECT NO.  17-1299  FIGURE 1
EXPLANATION

Approximate location of boring by Rockridge Geotechnical Inc., April 10, 2017

Approximate project limits

10963 SAN PABLO AVENUE
El Cerrito, California

SITE PLAN

ROCKRIDGE GEOTECHNICAL

Date 04/28/17  Project No. 17-1299  Figure 2

Base map: Google Earth, 2017.
EXPLANATION

- **af** Artificial Fill
- **Qha** Alluvium (Holocene)
- **Qpa** Alluvium (Pleistocene)
- **fsr** Franciscan Complex melange

Geologic contact:
- Dashed where approximate and dotted where concealed, queried where uncertain

10963 SAN PABLO AVENUE
El Cerrito, California

REGIONAL GEOLOGIC MAP

Date 04/12/17 | Project No. 17-1299 | Figure 3
SITE

EXPLANATION

- Strike slip
- Thrust (Reverse)
- Normal


10963 SAN PABLO AVENUE
El Cerrito, California

REGIONAL FAULT MAP

Date 04/12/17  Project No. 17-1299  Figure 4
APPENDIX A
Logs of Borings
**Log of Boring B-1**

- **PROJECT:** 10963 SAN PABLO AVENUE
  - El Cerrito, California

- **Date started:** 4/10/17  
  **Date finished:** 4/10/17

- **Drilling method:** Mud Rotary
- **Hammer weight/drop:** 140 lbs./30 inches  
  **Hammer type:** Automatic Hammer
- **Sampler:** Sprague & Henwood (S&H), Standard Penetration Test (SPT)

<table>
<thead>
<tr>
<th>DEPTH (feet)</th>
<th>SAMPLE/Type</th>
<th>BLOWs/6&quot;</th>
<th>SPT</th>
<th>N-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>S&amp;H</td>
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<td>10</td>
<td>25</td>
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<tr>
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<td>13</td>
<td>SPT</td>
<td>5</td>
<td>9</td>
<td>22</td>
</tr>
<tr>
<td>14</td>
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<td>72/</td>
<td></td>
</tr>
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<td>72/</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>SPT</td>
<td>50/5.5'</td>
<td>72/</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>SPT</td>
<td>50/5.5'</td>
<td>72/</td>
<td></td>
</tr>
</tbody>
</table>

**MATERIAL DESCRIPTION**

- **CLAY (CL):**
  - brown, very stiff, moist, trace fine sand
  - SANDY CLAY with GRAVEL (CL): yellow-brown with yellow motting, very stiff, moist, fine to medium sand, fine subangular gravel
  - grades sandy
  - CLAYEY SAND (SC): yellow-brown, medium dense, moist, medium to fine sand
    - Particle Size Distribution; see Appendix B
    - medium dense to dense, wet, trace fine to coarse subangular gravel
    - CLAY (CL): yellow-brown with olive motting, very stiff, wet, trace fine sand, trace black fine gravel
  - CLAYEY SAND (SC): olive-brown to yellow-brown, medium dense, wet, fine to medium sand, trace fine gravel
  - CLAY (CL): yellow-brown, very stiff, wet
  - CLAYEY SAND (SC): yellow-brown, dense, wet, fine to coarse sand, subangular to subrounded fine gravel
  - CLAY with SAND (CL): yellow-brown, very stiff, wet, fine sand
  - CLAYEY SAND (SC): yellow-brown, very dense, wet, fine sand
  - SANDSTONE: yellow-brown, low hardness, friable, deeply weathered, poorly consolidated

**LABORATORY TEST DATA**

- **Type of Strength Test:** SPT
- **Logging:** Logged by: S. Magallon
- **Sample:** S. Magallon
- **Boring location:** Project No.: 17-1299

---

**PROJECT:** 10963 SAN PABLO AVENUE
- **El Cerrito, California**

**HARDNESS TESTS**

- **Type:** Natural Moisture Content & Confining Pressure
- **Results:**
  - **5:** 10963 SAN PABLO AVENUE
    - **10963 SAN PABLO AVENUE:** 4/10/17
      - **4/10/17:** 8:40 AM
        - **Particle Size Distribution:** See Appendix B
        - **Dry Density:** 13.5 122
        - **Modification Factor:** 13.5 122
        - **SANDSTONE:**
          - **Hardness:** low hardness
          - **Firmness:** friable
          - **Weathered:** deeply weathered
          - **Consolidation:** poorly consolidated

**OTHER INFORMATION**

- **Date started:** 4/10/17  
  **Date finished:** 4/10/17
- **Drilling method:** Mud Rotary
- **Hammer weight/drop:** 140 lbs./30 inches  
  **Hammer type:** Automatic Hammer
- **Sampler:** Sprague & Henwood (S&H), Standard Penetration Test (SPT)
### Log of Boring B-1

**Project:** 10963 SAN PABLO AVENUE  
El Cerrito, California

<table>
<thead>
<tr>
<th>DEPTH (feet)</th>
<th>SAMPLES</th>
<th>MATERIAL DESCRIPTION</th>
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</thead>
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<tr>
<td></td>
<td>Sampler Type</td>
<td>Sample Blows</td>
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<td>32-33</td>
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<td>34-35</td>
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**Laboratory Test Data**

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<th>Sample No.</th>
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<th>Shear Strength</th>
<th>Confining Pressure</th>
<th>Fines</th>
<th>Natural Moisture Content</th>
<th>Dry Density</th>
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<td></td>
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<td></td>
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</tr>
</tbody>
</table>

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**Notes:**

- Boring terminated at a depth of 35.1 feet below ground surface.
- Boring backfilled with cement grout and surface asphalt patched.
- Groundwater encountered at a depth of 8 feet before switching to mud rotary.

---

**S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.84 and 1.44, respectively, to account for sampler type and hammer energy. SPT sampler used without liners.**

---

**Figure:** A-1b
<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Sample Depth (feet)</th>
<th>Sample Blow Count</th>
<th>SPT N-Value</th>
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</thead>
<tbody>
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<tr>
<td>S&amp;H</td>
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<tr>
<td>S&amp;H</td>
<td>30</td>
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<td>16</td>
</tr>
<tr>
<td>S&amp;H</td>
<td>31</td>
<td>11</td>
<td>16</td>
</tr>
</tbody>
</table>

**MATERIAL DESCRIPTION**

- **2 inches of asphalt**
- **8 inches of aggregate base**
- **CLAY (CL)** dark brown, moist, trace fine sand
  - Corrosion Test; see Appendix B
- **CLAY with SAND (CL)** yellow-brown, stiff, moist, fine sand
- **CLAY (CL)** olive-brown with yellow-brown mottling, very stiff, moist, trace fine sand
  (4/10/17; 1:17 PM)
- **CLAYEY SAND (SC)** yellow-brown, loose, wet, fine to medium sand, trace subangular fine gravel
  - LL = 33, PI = 16; see Appendix B
  - Particle Size Distribution; see Appendix B
- **CLAY (CL)** olive-brown with mottling yellow-brown, very stiff, wet, trace fine sand
  with fine subangular gravel
- **CLAYEY SAND (SC)** yellow-brown, medium dense, wet, fine to medium sand, fine to coarse subangular gravel, plastic fines
  - Particle Size Distribution; see Appendix B
  - interbedded with sandy clay layers
- **SANDY CLAY (CL)** olive-brown with yellow-brown, very stiff to hard, wet, fine sand, trace fine subrounded gravel
  - interbedded with clayey sand layers
- **CLAYEY SAND (SC)** yellow-brown, dense, wet, fine to medium sand, trace fine subangular gravel
- **SANDSTONE** yellow-brown, low hardness, friable to weak, deeply weathered, poorly consolidated

* S&H and SPT blow counts for the last two increments were converted to SPT N-Values using factors of 0.84 and 1.44, respectively, to account for sampler type and hammer energy. SPT sampler used without liners.
**Log of Boring B-3**

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<th>SAMPLES</th>
<th>MATERIAL DESCRIPTION</th>
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<td>13</td>
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<td>17</td>
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<td>14</td>
<td>S&amp;H</td>
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<td>S&amp;H</td>
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<td></td>
<td></td>
<td>45</td>
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<td>21</td>
<td>S&amp;H</td>
<td>78/9'</td>
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**Laboratory Test Data**

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<tr>
<th>Type of Strength Test</th>
<th>Confining Pressure (Lbs/Sq Ft)</th>
<th>Shear Strength (Lbs/Sq Ft)</th>
<th>Fines (%)</th>
<th>Natural Moisture Content (%)</th>
<th>Dry Density (Lbs/Cu Ft)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SANDSTONE olive-brown to yellow-brown, low to medium hard, friable to weak, deeply to moderately weathering, moderately consolidated
### Sample Designations/Symbols

- **Sample taken with Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter. Darkened area indicates soil recovered**
- **Classification sample taken with Standard Penetration Test sampler**
- **Undisturbed sample taken with thin-walled tube**
- **Disturbed sample**
- **Sampling attempted with no recovery**
- **Core sample**
- **Analytical laboratory sample**
- **Sample taken with Direct Push sampler**
- **Sonic**

### Sampler Type

- **C** Core barrel
- **CA** California split-barrel sampler with 2.5-inch outside diameter and a 1.93-inch inside diameter
- **D&M** Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube
- **O** Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube
- **PT** Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube
- **S&P** Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter
- **SPT** Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.5-inch inside diameter
- **ST** Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

### Classification Chart

#### Unified Soil Classification System

<table>
<thead>
<tr>
<th>Major Divisions</th>
<th>Symbols</th>
<th>Typical Names</th>
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<tbody>
<tr>
<td>Coarse-Grained Soils</td>
<td>GW</td>
<td>Well-graded gravels or gravel-sand mixtures, little or no fines</td>
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<tr>
<td></td>
<td>GP</td>
<td>Poorly-graded gravels or gravel-sand mixtures, little or no fines</td>
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<tr>
<td></td>
<td>GM</td>
<td>Silty gravels, gravel-sand-silt mixtures</td>
</tr>
<tr>
<td></td>
<td>GC</td>
<td>Clayey gravels, gravel-sand-clay mixtures</td>
</tr>
<tr>
<td></td>
<td>SW</td>
<td>Well-graded sands or gravelly sands, little or no fines</td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>Poorly-graded sands or gravelly sands, little or no fines</td>
</tr>
<tr>
<td></td>
<td>SM</td>
<td>Silty sands, sand-silt mixtures</td>
</tr>
<tr>
<td></td>
<td>SC</td>
<td>Clayey sands, sand-clay mixtures</td>
</tr>
<tr>
<td>Fine-Grained Soils</td>
<td>ML</td>
<td>Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts</td>
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<tr>
<td></td>
<td>CL</td>
<td>Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays</td>
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<td></td>
<td>OL</td>
<td>Organic silts and organic silt-clays of low plasticity</td>
</tr>
<tr>
<td></td>
<td>MH</td>
<td>Inorganic silts of high plasticity</td>
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<td>Highly Organic Soils</td>
<td>CH</td>
<td>Inorganic clays of high plasticity, fat clays</td>
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<td></td>
<td>OH</td>
<td>Organic silts and clays of high plasticity</td>
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<td></td>
<td>PT</td>
<td>Peat and other highly organic soils</td>
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</table>

#### Grain Size Chart

<table>
<thead>
<tr>
<th>Classification</th>
<th>Range of Grain Sizes</th>
<th>U.S. Standard Sieve Size</th>
<th>Grain Size in Millimeters</th>
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<tr>
<td>Boulders</td>
<td>Above 12”</td>
<td>Above 305</td>
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<tr>
<td>Cobbles</td>
<td>12” to 3”</td>
<td>305 to 76.2</td>
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<tr>
<td>Gravel coarse</td>
<td>3” to No. 4</td>
<td>76.2 to 4.76</td>
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<tr>
<td>coarse fine</td>
<td>3” to 3/4”</td>
<td>76.2 to 19.1</td>
<td>19.1 to 4.76</td>
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<tr>
<td>Sand coarse</td>
<td>No. 4 to No. 200</td>
<td>4.76 to 0.075</td>
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<tr>
<td>medium</td>
<td>No. 4 to No. 10</td>
<td>4.76 to 2.00</td>
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<tr>
<td>fine</td>
<td>No. 10 to No. 40</td>
<td>2.00 to 0.420</td>
<td>0.420 to 0.075</td>
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<tr>
<td>Silt and Clay</td>
<td>Below No. 200</td>
<td>Below 0.075</td>
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</tbody>
</table>

### Sample Designations/Symbols

- **Unstabilized groundwater level**
- **Stabilized groundwater level**

---

**10963 SAN PABLO AVENUE**
El Cerrito, California

---

**CLASSIFICATION CHART**

| Date 04/12/17 | Project No. 17-1299 | Figure A-4 |
I FRACTURING

<table>
<thead>
<tr>
<th>Intensity</th>
<th>Size of Pieces in Feet</th>
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<tr>
<td>Very little fractured</td>
<td>Greater than 4.0</td>
</tr>
<tr>
<td>Occasionally fractured</td>
<td>1.0 to 4.0</td>
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<tr>
<td>Moderately fractured</td>
<td>0.5 to 1.0</td>
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<tr>
<td>Closely fractured</td>
<td>0.1 to 0.5</td>
</tr>
<tr>
<td>Intensely fractured</td>
<td>0.05 to 0.1</td>
</tr>
<tr>
<td>Crushed</td>
<td>Less than 0.05</td>
</tr>
</tbody>
</table>

II HARDNESS

1. Soft - reserved for plastic material alone.
2. Low hardness - can be gouged deeply or carved easily with a knife blade.
3. Moderately hard - can be readily scratched by a knife blade; scratch leaves a heavy trace of dust and is readily visible after the powder has been blown away.
4. Hard - can be scratched with difficulty; scratch produced a little powder and is often faintly visible.
5. Very hard - cannot be scratched with knife blade; leaves a metallic streak.

III STRENGTH

1. Plastic or very low strength.
2. Friable - crumbles easily by rubbing with fingers.
3. Weak - an unfractured specimen of such material will crumble under light hammer blows.
4. Moderately strong - specimen will withstand a few heavy hammer blows before breaking.
5. Strong - specimen will withstand a few heavy ringing hammer blows and will yield with difficulty only dust and small flying fragments.
6. Very strong - specimen will resist heavy ringing hammer blows and will yield with difficulty only dust and small flying fragments.

IV WEATHERING - The physical and chemical disintegration and decomposition of rocks and minerals by natural processes such as oxidation, reduction, hydration, solution, carbonation, and freezing and thawing.

D. Deep - moderate to complete mineral decomposition; extensive disintegration; deep and thorough discoloration; many fractures, all extensively coated or filled with oxides, carbonates and/or clay or silt.
M. Moderate - slight change or partial decomposition of minerals; little disintegration; cementation little to unaffected. Moderate to occasionally intense discoloration. Moderately coated fractures.
L. Little - no megascopic decomposition of minerals; little of no effect on normal cementation. Slight and intermittent, or localized discoloration. Few stains on fracture surfaces.
F. Fresh - unaffected by weathering agents. No disintegration of discoloration. Fractures usually less numerous than joints.

ADDITIONAL COMMENTS:

V CONSOLIDATION OF SEDIMENTARY ROCKS: usually determined from unweathered samples. Largely dependent on cementation.

U = unconsolidated
P = poorly consolidated
M = moderately consolidated
W = well consolidated

VI BEDDING OF SEDIMENTARY ROCKS

<table>
<thead>
<tr>
<th>Splitting Property</th>
<th>Thickness</th>
<th>Stratification</th>
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</thead>
<tbody>
<tr>
<td>Massive</td>
<td>Greater than 4.0 ft.</td>
<td>very thick-bedded</td>
</tr>
<tr>
<td>Blocky</td>
<td>2.0 to 4.0 ft.</td>
<td>thick bedded</td>
</tr>
<tr>
<td>Slabby</td>
<td>0.2 to 2.0 ft.</td>
<td>thin bedded</td>
</tr>
<tr>
<td>Flaggy</td>
<td>0.05 to 0.2 ft.</td>
<td>very thin-bedded</td>
</tr>
<tr>
<td>Shaly or platy</td>
<td>0.01 to 0.05 ft.</td>
<td>laminated</td>
</tr>
<tr>
<td>Papery</td>
<td>less than 0.01</td>
<td>thinly laminated</td>
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APPENDIX B
Laboratory Test Results
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Source</th>
<th>Description and Classification</th>
<th>Natural M.C. (%)</th>
<th>Liquid Limit (%)</th>
<th>Plasticity Index (%)</th>
<th>% Passing #200 Sieve</th>
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</thead>
<tbody>
<tr>
<td>⬜️</td>
<td>B-1 at 3.0 feet</td>
<td>SANDY CLAY with GRAVEL (CL), yellow-brown with yellow mottling</td>
<td>13.5</td>
<td>33</td>
<td>17</td>
<td>--</td>
</tr>
<tr>
<td>⬜️</td>
<td>B-2 at 7.0 feet</td>
<td>CLAYEY SAND (SC), yellow-brown</td>
<td>18.4</td>
<td>33</td>
<td>16</td>
<td>30</td>
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<tr>
<td>⬜️</td>
<td>B-3 at 3.0 feet</td>
<td>CLAY (CL), dark brown</td>
<td>20.8</td>
<td>30</td>
<td>14</td>
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<td>SYMBOL</td>
<td>SOURCE</td>
<td>DEPTH (ft)</td>
<td>Material Description</td>
<td>USCS</td>
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</tr>
<tr>
<td>○</td>
<td>B-1</td>
<td>7.0'</td>
<td>CLAYEY SAND, yellow-brown</td>
<td>SC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>B-1</td>
<td>16.0'</td>
<td>CLAYEY SAND, olive-brown to yellow-brown</td>
<td>SC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>△</td>
<td>B-2</td>
<td>7.0'</td>
<td>CLAYEY SAND, yellow-brown</td>
<td>SC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>◊</td>
<td>B-2</td>
<td>16.0'</td>
<td>CLAYEY SAND, yellow-brown</td>
<td>SC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>▽</td>
<td>B-3</td>
<td>10.0'</td>
<td>CLAYEY SAND, yellow-brown with olive</td>
<td>SC</td>
<td></td>
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</tr>
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</table>
SOIL ANALYSIS LAB RESULTS

Client: Rockridge Geotechnical
Job Name: 10963 San Pablo Ave
Client Job Number: 17-1299
Project X Job Number: S170413A
April 20, 2017

Unk = Unknown
NT = Not Tested
ND = 0 = Not Detected
mg/kg = milligrams per kilogram (parts per million) of dry soil weight
mg/L = milligrams per liter of liquid volume
Chemical Analysis performed on 1:3 Soil-To-Water extract

Please call if you have any questions.

Respectfully Submitted,

Eddie Hernandez, M.Sc., P.E.
Sr. Corrosion Consultant
NACE Corrosion Technologist #16592
Professional Engineer
California No. M37102
ehernandez@projectxcorrosion.com

<table>
<thead>
<tr>
<th>Bore# / Description</th>
<th>Method</th>
<th>ASTM G187</th>
<th>CTM 417</th>
<th>CTM 422</th>
<th>SM 4500-E</th>
<th>SM 4500-C</th>
<th>SM 4500-D</th>
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<th>CTM 643</th>
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<td>Min-Resistivity</td>
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<td>Chlorides</td>
<td>Nitrate</td>
<td>Ammonia</td>
<td>Sulfide</td>
<td>Redox</td>
<td>pH</td>
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<td>600</td>
<td>0.0600</td>
<td>1,020</td>
<td>0.1020</td>
<td>ND</td>
<td>210.00</td>
<td>21.00</td>
<td>235</td>
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</tbody>
</table>

DRAFT
APPENDIX HAZ:

PHASE I ENVIRONMENTAL SITE ASSESSMENT
PHASE I
ENVIRONMENTAL
SITE ASSESSMENT

10963-10979 San Pablo Avenue
El Cerrito
California

FOR

Lander International, LLC
10979 San Pablo Avenue
El Cerrito, CA 94530

basics
ENVIRONMENTAL

September 25, 2015
15-ENV4321
September 25, 2015
15-ENV4321

Lander International, LLC
10979 San Pablo Avenue
El Cerrito, CA 94530

Attention: Mr. Timothy Sauer

Subject: Phase I Environmental Site Assessment Report
10963-10979 San Pablo Avenue
El Cerrito, California 94530

Dear Mr. Sauer:

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13/AAI of 10963-10979 San Pablo Avenue in El Cerrito, California, the property. Any exceptions to, or deletions from, this practice are described in Section 1 of this report. This assessment has revealed no obvious evidence of recognized environmental conditions in connection with the property that warrants further investigation and/or documentation at this time.

Should you have any questions regarding this report, please contact the undersigned.

Sincerely,

Basics Environmental, Inc.

Donavan G. Tom, M.B.A., E.P., R.E.P.A.
Principal Consultant
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Appendices

APPENDIX A: Environmental Data Resources, Inc. Report
APPENDIX B: Statement of Qualifications
I declare that, to the best of my professional knowledge and belief, I meet the definition of “Environmental Professional” as defined by the Environmental Protection Agency's Final Rule (40 CFR 312.21). I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting. In performing Phase I Environmental Site Assessments, I develop and perform the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

The findings, interpretations of data, recommendations, specifications or professional opinions are presented within the limits prescribed by available information at the time the report was prepared, in accordance with generally accepted professional environmental practice and within the requirements by the Client. There is no other warranty, either expressed or implied. The data and findings of this report are based on the readily available data and information obtained from numerous public and private agencies regarding the subject site and its immediate vicinity. Additional search (at greater cost) may or may not disclose information which may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions which may be made by the Client or others regarding the subject site.

This report was prepared solely for the benefit of Basic's Client. Basics consents to the release of this report to third parties involved in the transaction for which the report was prepared, including without limitation, lenders, title companies, public institutions, attorneys, and other consultants. However, any use of or reliance upon this report shall be solely at the risk of such party and without legal recourse against Basics, or its subcontractors, affiliates, or their respective employees, officers, or directors, regardless of whether the action in which recovery of damage is sought is based upon contract, tort (including the sole, concurrent or other negligence and strict liability of Basics), statute or otherwise. This report shall not be used or relied upon by a party that does not agree to be bound by the above statements.

Donavan G. Tom, M.B.A., E.P., R.E.P.A.
Principal Consultant
1.0 INTRODUCTION

1.1 Purpose of Investigation

Basics Environmental, Inc. (Basics) has performed this Phase I Environmental Site Assessment (ESA) for Lander International, LLC pursuant to our signed agreements on September 14, 2015. The "subject site" is at 10963-10979 San Pablo Avenue, El Cerrito, California (APNs 509-110-015 & 509-110-017). The purpose of this ESA is to:

- Observe site conditions at the property in accordance with the protocols set forth by the American Society for Testing and Materials (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and U.S. Environmental Protection Agency’s All Appropriate Inquiry (AAI) Final Rule 40 CFR Part 312, except where modified by the proposal;

- Identify to the extent feasible recognized environmental conditions in connection with the subject site. The ESA is intended to evaluate the potential for the presence of hazardous or toxic chemicals in the soil and/or groundwater resulting from past and present land use activities. To the extent possible, potential sources of hazardous or toxic chemicals from adjacent off-site operations will also be evaluated; and

- Render findings and professional opinion regarding the potential for adverse environmental impacts on or adjacent to the site.

1.2 Scope of Work

The scope of work performed for this ESA consisted of the following tasks:

- Field reconnaissance and personal interviews to evaluate environmental land-use conditions on the subject site and view adjacent properties;

- Aerial photograph, City Directory and/or Fire Insurance/Topographic Map review (typically back to 1940 or first developed use of the property) to evaluate former environmental land-use conditions on the subject site and adjacent properties;

- Review of federal, state and county files and environmental database search report obtained from a commercial service providing up to date and current information;
• Evaluation of the physical setting (geomorphic, geologic and hydrogeologic) of the subject site property; and

• Preparation of this ESA report to present the findings and professional opinions regarding potential recognized environmental conditions on the site.

The work for this ESA was performed within the client approved scope of work and budget for the investigation.

1.3 Special Terms and Conditions

The goal of this ESA is to identify recognized environmental conditions indicating the presence or likely presence of any hazardous substances or petroleum hydrocarbons in structures, ground, groundwater, or surface water of the property. Recognized environmental conditions are not intended to include de minimus conditions that do not present risks to public health or environment and that would not be subject to enforcement actions by government agencies.

1.4 Limitations and Exceptions

This ESA only includes a visual evaluation of the presence of asbestos, lead paint, radon, or mold, if applicable. In addition, this ESA does not include the results of any sampling, monitoring, or other types of field and/or laboratory testing or investigation.

1.5 User Responsibilities

The user of this ESA will be responsible for: (1) determining the relationship of the purchase price to the value of the property; (2) disclosure of specialized knowledge, experience or information which may effect the environmental condition of the subject site; and (3) disclosure of any environmental cleanup liens against the property within recorded land title records, if applicable. None of the above was provided by the client for our review.
2.0 SITE DESCRIPTION AND RECONNAISSANCE

2.1 Site Description and Uses

2.1.1 Interviews

A Basics representative visited the subject site on September 18, 2015. Basics observed the various facilities and operations conducted at the site and also noted the land-use in the vicinity of the site. Mr. Timothy Sauer, CFO and Founder of Lander International, LLC, provided access to available areas. Mr. Sauer was also briefly interviewed prior to and during the site visit. A standard environmental questionnaire was utilized to obtain disclosure of specialized knowledge, experience or information which may effect the environmental condition of the subject site.

Discussions with Mr. Sauer stated he purchased the building around 1997. During that time, the building was occupied by a grocery store/meat market, donut shop and hair salon. He converted the grocery store/meat market into offices and then converted the offices into the current arcade/museum in 2003. Mr. Sauer indicated that, for purposes of this assessment, he has no specialized knowledge or experience pertaining to the site or the adjacent properties that is material to RECs in connection with the subject property. Additional information obtained from interviews of onsite representatives is incorporated within the appropriate sections of this report.

2.1.2 Site Description and Uses

The subject site is located within the City of El Cerrito at the southwest corner of San Pablo Avenue and Jefferson Avenue and approximately one mile north east of the Richmond Inner Harbor of the San Francisco Bay (See Drawings 1 and 2). The subject site consists of two adjacent parcels of land (APNs 509-110-015 & 509-110-017).

APN 509-110-015 is an approximately 0.348-acre “parallelogram” shaped parcel of land improved with an approximately 9,360-square foot one-story commercial building (10963-10979 San Pablo Avenue) and associated paved and landscaped areas (See Photos 1 and 2). This parcel is on the east portion of the subject site.
The one-story commercial building appears to have been built in stages and is constructed of wood framing on concrete slab and perimeter foundations, with concrete masonry exterior walls. Interior building materials include sheet rock interior walls and partitions, carpet and tile covered floors and “drop-style” and high ceilings. An HVAC system is located on the roof.

APN 509-110-017 is an approximately 0.070-acre (Jefferson Avenue) ‘triangular” shaped parcel of land improved with associated paved and landscaped areas (See Photos 3 & 4). This parcel is on the west portion of the subject site.

Utilities including water, electric, natural gas and sewage service are publicly available. No obvious evidence of electrical transformers was observed at the subject site. Information obtained from the site inspection indicated no evidence that PCB-containing equipment is now used or has been used in connection with the property.

The general area surrounding the property is developed commercial and residential. A site plan illustrating the site and adjacent properties is shown in Drawing 3.

The one-story commercial building (10963-10979 San Pablo Avenue) is currently segregated into three business units (10963, 10969 and 10979 San Pablo Avenue). 10963 San Pablo Avenue is currently occupied by Goody Donuts and utilized as a donut shop. 10969 San Pablo Avenue is currently occupied by Hair Extraordinaire and utilized as a hair salon. 10979 San Pablo Avenue is currently occupied by Lander International, LLC dba Playland Not at the Beach and utilized as an arcade and museum.

2.1.3 Environmental Land-Use Conditions

The subject site was evaluated for the use and storage of hazardous substances and petroleum products; use of aboveground and underground storage tanks, storage and disposal of hazardous wastes; evidence of releases from hazardous materials, and identification of conduits to the subsurface.
One-Story Commercial Building (10963-10979 San Pablo Avenue) (circa 1902) - The one-story commercial building occupies the majority of APN 509-110-015 (See Photos 1 – 4). The one-story commercial building appears to have been built in stages. Discussions with Mr. Sauer indicated to his knowledge the building was originally two structures and later connected into one.

**Goody Donuts (10963 San Pablo Avenue)** – 10963 San Pablo Avenue is located on the southeast corner of the building and is currently segregated into a retail area, kitchen area and restroom facility. The main entrance to the business unit is located along the east side of the building providing access to the retail area from San Pablo Avenue. Discussions with a representative of Good Donuts stated to his knowledge no hazardous materials, underground tanks, sumps or hazardous materials are utilized or located within the unit.

The retail area occupies the east half of the business unit. Located in this area are a glass donut display case and typical furnishings and supplies (See Photo 5). Visual observations of the retail area did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the tile covered floor did not reveal any obvious evidence of drains, sumps or other conduits to the subsurface.

The kitchen area occupies the west half of the business unit. A restroom facility is located on the far northwest corner of the business unit. Located in this area is a commercial grade oven, miscellaneous processing equipment, tables and racks (See Photo 6). A maintenance sink is located along the north side of the kitchen area. Visual observations of the kitchen area did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the tile covered floor did not reveal any obvious evidence of drains, sumps or other conduits to the subsurface.

**Hair Extraordinaire (10969 San Pablo Avenue)** – 10969 San Pablo Avenue is located on the center east side of the building and is currently segregated into a salon area, office and restroom facility. The main entrance to the business unit is located along the east side of the building providing access to the salon area from San Pablo Avenue. Discussions with a representative of Hair Extraordinaire stated to her knowledge no hazardous materials, underground tanks, sumps or hazardous materials are utilized or located within the unit.
The salon area occupies the majority of the business unit. Located in this area are typical hair styling stations, furnishings and supplies (See Photo 7). Visual observations of the retail area did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the tile covered floor did not reveal any obvious evidence of drains, sumps or other conduits to the subsurface.

The office and restroom facility are located on the far west end of the business unit. Due to limited access, visual observations of these areas could not be conducted. Limited visual observations of the exterior entrances to the office and restroom facility did not reveal any obvious evidence of hazardous materials, stains or spills.

*Playland Not at the Beach (10979 San Pablo Avenue)* – 10979 San Pablo Avenue occupies the majority of the building and is currently segregated into a reception/lobby area, individual offices, exhibit rooms, museum area, carnival arcade area, break room, pinball arcade area and small separate office. The main entrance to the business unit is located at the northeast corner of the building providing access to the reception/lobby area from San Pablo Avenue and Jefferson Avenue. Additional personnel doors are located on the south and west sides of the building providing additional access from the associated paved areas. Discussions with Mr. Sauer stated to his knowledge no hazardous materials, underground tanks, sumps or hazardous materials are utilized or located within the unit. Mr. Sauer also stated an outside service maintains the pinball machines and arcade games.

According to the Playland-Not-at-the-Beach web site, the business unit consists of 30+ pinball machines, arcade games, videogames, carnival games of skills, penny arcades full of antique amusement devices, an amazing hand-carved miniature circus, side show acts, miniature dioramas, Fascination games, and historic exhibits with artifacts from the Sutro Baths and Whitney's Playland in San Francisco. Playland-Not-at-the-Beach is a 501(c)(3) nonprofit Museum of Fun. Designed and built entirely by volunteers, the 20+ interactive exhibits celebrate the magic and history of America's bygone amusements. The goal is to educate newer generations about the bygone days and allow those who remember Whitney's Playland and the Sutro Baths the opportunity to recapture the glorious sights and sounds of that marvelous era.
Reception/Lobby Area and Office Areas - The reception/lobby area and office areas are located on the east portion of the business unit. The reception/lobby area and office areas consist of a common lobby area and individual offices. Located within the reception/lobby area and office areas are typical office furnishings and supplies (See Photos 9 & 10). Visual observations of the reception/lobby area and office areas did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the carpet covered floors within the reception/lobby area and office areas did not reveal any obvious evidence of sumps, cracks, drains or other conduits to the subsurface.

Museum Area and Exhibit Rooms - The museum area and exhibit rooms are located on the center and northwest portions of the business unit. The museum area and exhibit rooms consist of individual rooms. Located within the museum area and exhibit rooms are historic exhibits with artifacts from the Sutro Baths and Whitney's Playland in San Francisco. Playland-Not-at-the-Beach including a hand-carved miniature circus, and miniature dioramas (See Photos 11 & 12). Visual observations of the museum area and exhibit rooms did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the carpet covered floors within the museum area and exhibit rooms did not reveal any obvious evidence of sumps, cracks, drains or other conduits to the subsurface.

Carnival Arcade Area - The carnival arcade area is located on the center west portions of the business unit. The carnival arcade area consists of individual rooms. Located within the carnival arcade area are carnival games of skills, penny arcades full of antique amusement devices, arcade games and videogames (See Photos 13 & 14). Visual observations of the carnival arcade area did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the carpet covered floors within the carnival arcade area did not reveal any obvious evidence of sumps, cracks, drains or other conduits to the subsurface.

Break Room - The break room is located on the center portion of the business unit. The break room consists of a kitchen/break room and restroom facilities. Located within the kitchen/break room and restroom facilities are typical furnishings and supplies (See Photo 15). Discussions with Mr. Sauer stated to his knowledge this area was originally an outside patio area between the two original buildings which was enclosed when they combined the two buildings into one a long time ago. Mr. Sauer also indicated no indications of hazardous materials or
collections sumps were noted when he renovated this area when he purchased the building in 1997. Visual observations of the break room did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the tile covered floors within the break room did not reveal any obvious evidence of sumps, cracks, drains or other conduits to the subsurface.

**Pinball Arcade Area** - The pinball arcade area is located on the south portion of the business unit. The pinball arcade area consists of a individual rooms. Located within the pinball arcade area are pinball machines (See Photos 16 & 17). Discussions with Mr. Sauer stated to his knowledge the far west end of this area was originally a walk in cooler for the previous grocery store/meat market. Mr. Sauer also indicated no indications of hazardous materials or collections sumps were noted when he renovated this area when he purchased the building in 1997. Visual observations of the pinball arcade area did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the linoleum, carpet and bare concrete floors within the pinball arcade area did not reveal any obvious evidence of sumps, cracks, drains or other conduits to the subsurface.

**Small Separate Office** – A small separate office is located on the south portion of the business unit, however it has a separate entrance along the south side of the building. Discussions with Mr. Sauer stated the office is utilized by his company as primarily storage of office files. Visual observations of the small office area did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the carpet covered floors within the small office did not reveal any obvious evidence of sumps, cracks, drains or other conduits to the subsurface.

**Associated Paved and Landscaped Areas** - The associated paved area is located on the west portion of APN 509-110-015 and entire portion of APN 509-110-017 and is accessible via a paved driveway along Jefferson Avenue to the north (See Photos 3 and 4). The associated paved area is paved with asphalt and concrete and utilized as a parking lot. A concrete walkway is also located along the south side of the building. In addition, a wooden access ramp is located along the west side of the building providing access to 10979 San Pablo Avenue business unit from the associated paved parking area. The associated landscaped area is primarily located on the west perimeter of the subject site and interspersed between the subject site perimeter and associated paved areas.
Located at the northwest corner of the subject site building is a former flue vent. Discussions with Mr. Sauer stated to his knowledge the flue may have been associated with the former grocery store/meat market. Mr. Sauer also indicated no indications of hazardous materials or collections sumps were noted when he renovated this area when he purchased the building in 1997. Visual observations of the former flue vent did not reveal any obvious evidence of hazardous materials, stains or spills.

A designated garbage bin area is located near the southwest corner of the subject site building within the associated paved area (See Photo 8). Visual observations of the designated garbage bin area did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the bare asphalt within this area did not reveal any obvious evidence of sumps, cracks, drains or other conduits to the subsurface.

General observations of the rest of the associated paved and landscaped areas did not reveal any obvious evidence of hazardous materials, stains or spills. No obvious evidence of underground storage tanks, distressed vegetation, or surface impoundments were observed throughout the site during the inspection.
2.2 **Adjacent Properties**

Sites in the vicinity of the subject site were observed during the site reconnaissance to evaluate conditions or businesses indicative of hazardous or potentially toxic materials use.

The following are the uses of the adjoining properties.

**North** - Jefferson Avenue and beyond Eskaton Hazel Shirley Manor Residential Apartments (11025 San Pablo Avenue)

**South** - El Cerrito Village Mixed Residential/Retail Complex (5929 Alameda Avenue & 10945-10955 San Pablo Avenue)

**East** - San Pablo Avenue and beyond Civic Plaza Apartments (10944 San Pablo Avenue)

**West** - Residential Apartment Building (5842-5900 Jefferson Avenue)

Visual observations of the immediate adjacent properties did not reveal any obvious business activities indicative to the use, storage and/or treatment of hazardous materials. In addition, no obvious evidence was noted at the immediate adjacent properties that would represent a significant environmental concern to the subject site.

2.2.2 **Wells**

No obvious evidence of wells, such as water supply wells and/or groundwater monitoring wells, were noted on or nearby the subject site.
2.3 Non-ASTM E1527 Considerations

2.3.1 Asbestos Containing Construction Materials

An asbestos survey was not conducted at the property as part of this assessment. However, the subject site structure was confirmed to have been constructed before 1979, the year asbestos containing construction materials was banned, thus, asbestos may have been utilized in its construction. No obvious evidence of friable or non-friable suspect asbestos containing materials was observed within easily accessible areas of the structure. However, original building materials not easily accessible including, but not limited to, flooring and masting materials, sheet rock muds and taping compounds, ceiling and roofing materials, and ducting and surfacing materials may contain ACCMs. To confirm if any asbestos materials are contained within the structure on the subject site, an asbestos survey should be performed by an AHERA trained asbestos professional. If the property building is slated for renovation or demolition, an asbestos inspection will be required, pursuant to the National Emission Standards for Hazardous Air Pollutant (NESHAPs).

2.3.2 Lead-Based Paint

A lead-based paint survey was not conducted at the property as a part of this assessment. However, the subject site structure was confirmed to have been constructed before the ban on lead-based paints in 1978, thus, lead-based paints may have been utilized in its construction. Visual observations of the painted surfaces of the subject site structure appeared to be in fair condition with no obvious signs of chipping, cracking, and/or significant health risk concerns.

Lead-based paint is any paint, varnish, stain, or other applied coating that has 1 mg per square cm (or 5,000 μg/g by dry weight) or more of lead. In Section 1017 of the Housing and Urban Development Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", states that a lead-based paint hazard is "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact lead-based paint on most walls and ceilings would not be considered a "hazard," although the
paint should be maintained and its condition monitored to ensure that it does not deteriorate and become a hazard.

2.3.3 Radon

Radon testing was not conducted at the property as a part of this assessment. However, based on the Map of Radon Zones provided by the United States Environmental Protection Agency (EPA), there is a low potential that radon concentrations at, or above, 4 picocuries per liter (pCi/l) are present at the site. Concentrations at, or above, 4 pCi/l are considered to be concentrations of concern per Cal-EPA and EPA. Based on the map, radon has been detected in Contra Costa County at average levels less than 2 pCi/l. Additional information can also be obtained from the California Department of Public Health’s Radon Program which provides a list of radon test results from throughout the state which are sorted by zip code.

Radon is a naturally occurring radioactive gas that is odorless, invisible, and without taste. It is released during the natural decay of uranium, which is present in most rock, soil and water. Its occurrence in the state is influenced primarily by geology. Radon can be found throughout California because uranium exists in all rock and soil. Although certain areas of the state are more likely to contain higher radon levels than others, radon is a house-to-house issue. You may live in an area of low radon potential yet your house can have elevated radon but your neighbor’s house has a low radon level. Radon, in its natural state cannot be detected with the human senses. To confirm if any radon is contained within the structure on the subject site, testing should be performed by an EPA-authorized state certified radon testing professional.

2.3.4 Mold

A mold survey was not conducted at the property as a part of this assessment. However, no obvious evidence of mold or water damaged materials were observed within easily accessible areas of the structures.

In general, mold is a subset of the fungi family. Fungi are common and found in most ecosystems. Fungi are needed to help recycle organic material to sustain plant and animal life. In order to reproduce, mold release tiny spores into the air, which eventually attach onto surfaces favorable for growth. A class of fungi, molds have been found to cause a variety of health
problems in humans, including allergic, toxicological, and infectious responses. Molds are decomposers of organic materials, and thrive in humid environments, and produce spores to reproduce as plants produce seeds. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problems remain undiscovered or not addressed.

Currently, there are no established “sound, science-based Permissible Exposure Limits (PELs) for indoor molds at this time”. As mold becomes a more prevalent issue, building owners will need to stay informed on the subject. There are dozens of Internet web sites geared to the topic, and increased litigation in this area is also fueling increased interest. With any new trend there often is misinformation, incorrect conclusions, and conflicting information. Those involved in the building industry should consider the source and weight of information carefully before drawing conclusions and making decisions.

To confirm if any mold is present within the structures on the subject site, laboratory test and sampling can be performed by a qualified industrial hygienist for various species of fungi such as Aspergillus, Cladosporium, Stachybotris and other mycotoxins, and bacteria families such as Legionella, etc. However, the only types of evidence that have been related consistently to adverse health effects are the presence of current or past water damage, damp materials, visible mold, and mold odor, not the number or type of mold spores nor the presence of other markers of mold in indoor air or dust.
3.0 PHYSICAL SITE SETTING

3.1 Geomorphic Description

The subject site is within the Coast Ranges geomorphic province of California within the northern end of the East Bay Plain, on the eastern flank of the San Francisco Bay structural trough. The subject site is situated approximately one-mile north of the eastern shoreline of the Richmond Inner Harbor of the San Francisco Bay on a relatively flat topography at an approximate elevation of approximately 15 feet above mean sea level. The structural depression that underlies the San Francisco Bay has accumulated up to 1100 feet of poorly consolidated sediment (Alameda County, 1988). The trough is filled with approximately 950 feet of alluvial fan deposits, characterized by lenticular beds of poorly sorted gravel, sand, silt, and clay that exhibit wide variations in bed thickness and grain size over short distances.

3.2 Geologic Setting

The subject site is located in the San Francisco Bay Region, which lies near the margin of the Pacific and North American crustal plates. Because these crustal plates are moving relative to each other, the region is tectonically active and experiences numerous and frequent earthquakes. Movement in the area occurs along two principal fault systems: the San Andreas fault (which parallels the California coast west of the Bay), and the Hayward fault (which is sub parallel to the San Andreas fault on the east side of the Bay) (Norris and Webb 1976). The subject site has been, and could in the future, be affected by seismic activity. The alluvial and marine sediments filling the structural basin underlying the San Francisco Bay have been sub-divided based on their dominant modes of deposition and geologic age. In general, these sediments include Bay Mud, the Merritt Sand, and Younger and Older Alluvium. However, fluvially deposited sediments predominate at on the upper portions of the East Bay Plain, and are generally characterized by thin sheets of younger, Holocene fluvial and interfluvial basin deposits underlain by older alluvium of Pleistocene age.
Information regarding soil lithology was researched at the California Water Resources Control Board’s website at https://geotracker.waterboards.ca.gov/. Based on subsurface investigations performed for the Civic Center Plaza Apartments at 10940 San Pablo Avenue, located approximately across San Pablo Avenue to the east, the subsurface soils in the area have been described as consisting of clays with high to medium plasticity from the surface to 4 feet bgs, low to medium-plasticity, sandy clays with occasional gravel from 4 feet to 12 feet bgs, and clayey sands from 8 feet to 20 feet bgs, the deepest explored level (Allied Environmental Services 1995).

3.3 Hydrogeologic Setting

Information regarding first depth to groundwater and flow direction were researched at the California Water Resources Control Board’s website at https://geotracker.waterboards.ca.gov According to the San Francisco Bay region’s Basin Plan, groundwater at the site falls within the East Bay Plain (RWQCB, 1995). Within this basin, the site lies approximately at the dividing line between two groundwater sub-areas: the Central sub-area, and the Berkeley sub-area. In 1999, the Water Board completed the “East Bay Plain Groundwater Basin Beneficial Use Evaluation Report” (RWQCB, 1999). After examining the current uses and potential likely future uses of groundwater in this basin, the Water Board recommended that shallow and deep groundwater in the area of the site (i.e., a portion of the Central sub-area and the Berkeley sub-area) be designated as Zone B Groundwater Management Zone. Zone B groundwater is described as “Groundwater unlikely to be used as a drinking water resource”. Groundwater in this category is described as likely to have been used historically as a domestic water supply (e.g., private wells), but unlikely to be used as public water supply. The Water Board also recommended that sub-area boundaries be reorganized, including the elimination of the Central sub-area and expanding the Berkeley sub-area to extend all the way to the shoreline. These proposed amendments (along with others) to the Basin Plan were approved by the San Francisco Bay Regional Board members in 2000.

Regionally, the shallow ground water is within the alluvial fans of the San Francisco Sub-Basin of the East Bay Plain Groundwater Basin (SFRWQCB, 1999) and flow direction is to the southwest in the direction of the San Francisco Bay. Locally, topography slopes southwesterly
towards the San Francisco Bay roughly illustrating the direction of the ground water flow direction.

Based on subsurface investigations performed for the Civic Center Plaza Apartments at 10940 San Pablo Avenue, located approximately across San Pablo Avenue to the east, groundwater has been encountered at approximately 6 to 8 feet bgs and occurred at depths between 4.74 and 5.72 feet bgs in site wells. Groundwater flow is consistently in the west to southwest direction at a relatively low groundwater gradient (Subsurface Consultants, Inc. 2001). Hillside runoff, aquifer pumping, tidal fluctuations or other factors may influence ground water levels. Seasonal variations should also be anticipated.
4.0 HISTORICAL REVIEW

Site historical information was obtained from a review of Sanborn Fire Insurance Maps, United States Geological Survey (U.S.G.S.) Topographic Maps, aerial photographs, Polk and Haines City Directories. In addition, local building department records were also reviewed. The following Sanborn maps, topographic maps, and city directories were reviewed on September 21, 2014, within the libraries maintained by the University of California in Berkeley, California and City of Oakland, in Oakland, California. The aerial photographs were reviewed online within the sites maintained by National Environmental Title Research, LLC, TerraServer, and Google Earth.

Note: Copies of supporting aerials, city directories and topographic are not included in the report. The historical references are reviewed within local public libraries and are copyright protected and cannot be reproduced without the consent of the owner. As such, our reports properly cite and reference the historical reference in accordance with ASTM E1527-13/AAI protocols. Any incorporation of these documents without the permission of the owner would be against the law.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Date</th>
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<tr>
<td>U.S.G.S. Topographic Map</td>
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In the topographic maps of 1895 and 1915, the subject site and adjacent properties are shown as undeveloped. During that time, a paved road (current San Pablo Avenue) is shown adjacent to the east.

According to local building department records, the north portion of the subject site was developed with a two-story residential room building and the south portion of the subject site was developed with a small one-story residential dwelling in 1902. No other documentation regarding the original construction was available within the ECBD files.
In the Richmond/El Cerrtio Sanborn Maps of 1903, 1905, 1909 and 1916, the subject site and adjacent properties fall beyond the area of coverage and no site-specific maps or details are available. However, the index map of 1916 shows the subject site bordered by Jefferson Avenue to the north and San Pablo Avenue to the east.

In the city directories of 1925 and 1930, the subject site nor San Pablo Avenue are listed.

In the Sanborn Map of 1926, the subject site is shown as four adjacent parcels of land. The city limit line was shown to cut through the west portion of the subject site (as currently noted). The north parcel is shown developed with a two-story residential room building with two associated out buildings. The south parcel is shown developed with a small one-story residential dwelling. The two west parcels are shown undeveloped. During this time, bordering the site is Jefferson Avenue and beyond undeveloped parcels to the north; an auto wrecking yard consisting of a small one-story second hand auto parts shop, small residential dwelling, garage and yard to the south; San Pablo Avenue and beyond residential dwelling and undeveloped parcels to the east; and undeveloped parcels to the west.

In the Sanborn Map of 1930, the subject site is shown as three adjacent parcels of land. The city limit line was shown to cut through the west portion of the subject site (as currently noted). The north parcel is shown developed with a two-story non descript retail storefront building (original address of 1051 San Pablo Avenue), one-story non descript retail storefront building (original address of 1057 San Pablo Avenue) and two associated out buildings. The south parcel is shown vacant. The combined two west parcels are shown undeveloped. During this time, bordering the site is Jefferson Avenue and beyond undeveloped parcels to the north; a yard consisting of a small one-story non descript retail storefront, small residential dwelling, garage and yard to the south; San Pablo Avenue and beyond residential dwelling and undeveloped parcels to the east; and undeveloped parcels to the west.

In the city directories of 1937 and 1942, the subject site is listed as being occupied by Angelo Fara grocers (1345 San Pablo Avenue).

In the topographic maps of 1942, 1959, 1968, 1973 and 1980, the subject sites and adjacent properties are shown within a shaded region designated as “urban developed” with no site-specific details available.
In the city directory of 1948, the subject site is listed as being occupied by Angelo Fara Market & Delicatessen, Johnson & Perelli grocers, De Maria Fruits and G F McDermott Meats (1345 San Pablo Avenue).

In the aerial photograph of 1946 and Sanborn Map of 1950, the subject site is shown as two adjacent parcels of land. The city limit line was shown to cut through the west portion of the subject site (as currently noted). The combined north and south parcels are shown developed with a two-story non descript retail storefront building with attached one-story rear warehouse (new address of 1345 San Pablo Avenue) and one-story non descript retail storefront building with new south addition (new addresses of 1335 & 1349 San Pablo Avenue). The combined two west parcels are shown undeveloped. During this time, bordering the site is Jefferson Avenue and beyond undeveloped parcels to the north; a yard consisting of two commercial building utilized for auto repair and spray paint, a small gas and oil station and yard (1325 San Pablo Avenue) to the south; San Pablo Avenue and beyond one-story union hall building (1336-1340 San Pablo Avenue) and two-story residential dwelling apartment building (1330-1332 San Pablo Avenue) to the east; and undeveloped parcels to the west.

According to local building department records, permits for a store addition and remodeling of the two existing buildings (apparently into one combined building) were issued in 1954 and 1955 to Angelo Fara (owner).

In the city directories of 1955, 1957, 1961, 1965 and 1975, the subject site is listed as being occupied by Fred Vanamburg “Vans” Donut Shop (10963 San Pablo Avenue) and Angelo’s Market grocers and Moynahan & Rosenstrauch Meats (10979 San Pablo Avenue).

In the aerial photograph of 1958, the subject site appears as two adjacent parcels of land. The east parcel is shown developed with a one-story non descript retail storefront building (new address of 10979 San Pablo Avenue) (as noted during the site reconnaissance). The west parcel is shown as a parking lot. During this time, bordering the site is Jefferson Avenue and beyond trailer sales lot to the north; a yard consisting of two commercial building utilized for auto repair and spray paint, a small gas and oil station and yard to the south; San Pablo Avenue and beyond one-story commercial building (1336-1340 San Pablo Avenue) and two-story residential dwelling apartment building (1330-1332 San Pablo Avenue) to the east; and undeveloped parcels to the west.
In the Sanborn Maps of 1966 and 1970 and aerial photograph of 1968, the subject site is shown as two adjacent parcels of land. The city limit line was shown to cut through the west portion of the subject site (as currently noted). The east parcel is shown developed with a one-story non-descript retail storefront building (new address of 10979 San Pablo Avenue) (as noted during the site reconnaissance). The west parcel is shown as a parking lot. During this time, bordering the site is Jefferson Avenue and beyond trailer sales lot to the north; a one-story restaurant building and associated parking lot (10945 San Pablo Avenue) to the south; San Pablo Avenue and beyond one-story union hall building (10972 San Pablo Avenue) and two-story building utilized as kennels (10960-10962 San Pablo Avenue) to the east; and undeveloped parcels to the west.

In the aerial photograph of 1980, the subject site appears as two adjacent parcels of land. The east parcel is shown developed with a one-story non-descript retail storefront building (as noted during the site reconnaissance). The west parcel is shown as a parking lot. During this time, bordering the site is Jefferson Avenue and beyond trailer sales lot to the north; a one-story commercial building and associated parking lot to the south; San Pablo Avenue and beyond one-story commercial building and two-story building to the east; and residential apartment building to the west.

In the city directory of 1980, the subject site is listed as being occupied by Bob Garcia’s Quality Donut Shop (10963 San Pablo Avenue), E&W Cyclery (10965 San Pablo Avenue), McClendon Electric Service (10967 San Pablo Avenue) and Angelo’s Market grocers and Moynahan Meats (10979 San Pablo Avenue).

In the city directory of 1985, the subject site is listed as being occupied by Bob Garcia’s Quality Donut Shop (10963 San Pablo Avenue), Headliners (10967 San Pablo Avenue), Soup ER Yogurt (10969 San Pablo Avenue) and Angelo’s Market grocers and Moynahan Meats (10979 San Pablo Avenue).

In the aerial photograph of 1987, the subject site appears as two adjacent parcels of land. The east parcel is shown developed with a one-story non-descript retail storefront building (as noted during the site reconnaissance). The west parcel is shown as a parking lot. During this time, bordering the site is Jefferson Avenue and beyond residential apartment building to the north; residential apartment complex to the south; San Pablo Avenue and beyond one-story
commercial building and two-story building to the east; and residential apartment building to the west.

In the aerial photographs of 1988, 1993, 2000, 2002, 2005, 2009 and 2012, the subject site appears as two adjacent parcels of land. The east parcel is shown developed with a one-story non-descript retail storefront building (as noted during the site reconnaissance). The west parcel is shown as a parking lot. During this time, bordering the site is Jefferson Avenue and beyond residential apartment building to the north; residential apartment complex to the south; San Pablo Avenue and beyond residential apartment complex to the east; and residential apartment building to the west.

In the city directory of 1990, the subject site is listed as being occupied by Country Style Bakery (10963 San Pablo Avenue), Container Craft (10965 San Pablo Avenue), and Angelo’s Market & Deli (10979 San Pablo Avenue).

In the city directory of 1995, the subject site is listed as being occupied by El Cerrito Donut Shop (10963 San Pablo Avenue), Hair Extraordinaire (10969 San Pablo Avenue) and Blue & Gold Market (10979 San Pablo Avenue).

In the city directories of 2000 and 2005, the subject site is listed as being occupied by Goody Donut Shop (10963 San Pablo Avenue), Hair Extraordinaire (10969 San Pablo Avenue) and Lander Consulting (10979 San Pablo Avenue).

In the city directory of 2010, the subject site is listed as being occupied by Goody Donut Shop (10963 San Pablo Avenue), Hair Extraordinaire (10969 San Pablo Avenue) and Lander International (10979 San Pablo Avenue).

In the city directory of 2015, the subject site is listed as being occupied by Goody Donut Shop (10963 San Pablo Avenue), Hair Extraordinaire (10969 San Pablo Avenue) and Lander International and Playland Not at the Beach (10979 San Pablo Avenue).
5.0 ENVIRONMENTAL DATABASE REVIEW

5.1 Agency Record Review

Environmental Data Resources, Inc. (EDR) was contracted to compile data from available government agency databases on locations of actual and potentially impacted sites within a one-mile radius of the subject property. Copies of the environmental database lists and the location map for the subject site are included in Appendix A.

The results of the database search by EDR revealed 54 mapped sites and 25 unmapped sites within a one-mile radius, of which 24 mapped sites are within a one-eighth mile radius of the subject site. Based on distance from the subject property and regional hydrogeology the following selected site(s) identified by EDR were deemed to have the highest potential to impact the subject site. In addition, a Tier 1 Vapor Encroachment Screen (VES) pursuant to ASTM E2600-10 was performed on the following selected site(s) to assess whether a potential vapor encroachment condition (VEC) exists at the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject site. These sites identified by EDR were located either at, adjacent or possibly up gradient of the subject site. No listings were reported for the subject site address or auto repair and spray paint, a small gas and oil station and auto wrecking yard formerly at 1325/10945 San Pablo Avenue (1930s-1950s) by EDR.

- Civic Center Plaza Apartments & City of El Cerrito Public Safety Building – 10940 & 10900 San Pablo Avenue, El Cerrito. Located across San Pablo Avenue to the east and perceived up/cross gradient to the subject site. Listed on the Cortese, ENF and LUST Lists.

  According to the information provided by EDR, this site is listed as impacting the soil and groundwater with gasoline during the closure of an underground storage tank in 1994.

  According to the RWQCB’s GeoTracker and Cal-EPA EnviroStor websites, this site was previously a vacant lot, occasionally used for parking motor vehicles, The site was part of a former Dolan Lumber Yard Property.
On June 1, 1987, two gasoline USTs (one 10,000-gallon and one 2,000-gallon USTs) were removed from Dolan Lumber Yard. The tanks had holes, however, soil and groundwater samples collected from the tank pits during tank removal activities did not contain hydrocarbons. Two wells were installed immediately down gradient (within 10 feet of the former USTs) in July 1987. Soil samples collected from well borings at 10 feet bgs and groundwater samples collected from the wells did not contain hydrocarbons.

In 1987, the former Dolan Lumber Yard site was divided into two parcels. The parcel comprising of the western and northern parts of the former Dolan Lumber Yard that contained the former USTs was assigned a new address (10944 San Pablo Avenue), and was redeveloped into Civic Center Plaza Apartments. The eastern parcel acquired by the City of El Cerrito maintained the original address (10940 San Pablo Avenue). Initially, the City considered building a new city hall at this parcel, and performed a geotechnical investigation at the site in 1994. Hydrocarbon contaminated soil and groundwater were encountered during this investigation, however no apparent on-site source was identified. Additional environmental investigations indicated that this contamination originated from an off-site source (a leaking underground storage tank (LUST) located at the adjacent (upgradient) site also belonging to the City of El Cerrito (El Cerrito Public Safety Building site at 10900 San Pablo Avenue).

Additional investigations of the release of petroleum hydrocarbons were conducted at this site. Nine additional soil borings were advanced to assess the extent of petroleum hydrocarbons in the soil and groundwater. The results indicated a significant plume of dissolved gasoline down gradient of the former 10,000-gallon gasoline UST at the Public Safety Building. However, the petroleum hydrocarbon plume is limited to the UST area, the Church, and the vacant lot. Groundwater data indicates the flow is to the west toward San Pablo Avenue and that the plume of petroleum hydrocarbons has not migrated in significant concentrations across San Pablo Avenue.

The latest groundwater sampling performed in 2003 indicated that the highest hydrocarbon concentrations (1,800 ppb of TPHg, 2,200 ppb of MtBE, and less than 10 ppb of benzene) remain at the southwestern portion of the subject site, However, the levels were reported to not pose a significant environmental risk. Benzene was not detected.

Subsequently, this issue was case closed by the local regulatory agency on November 11, 2003. Based on this information, the probability of a subsurface environmental impact and/or potential vapor encroachment from this site to the subject site is low.
5.2 Local Agency File Review

On September 15, 2015, a Basics representative contacted the California EPA - Department of Toxic Substance Control (CAL EPA DTSC) in Berkeley, California, in regards to any information concerning the subject site.

- **10963-10979 San Pablo Avenue, El Cerrito (APNs 509-110-015 & -017)**
  The subject site

  No information regarding the subject site was available within the CAL EPA DTSC files or EnviroStor online database. No information regarding hazardous materials, underground storage tanks or unauthorized releases was available for the subject site.

On September 15, 2015, a Basics representative contacted the Regional Water Quality Control Board (RWQCB) in Oakland, California, in regards to any information concerning the subject site.

- **10963-10979 San Pablo Avenue, El Cerrito (APNs 509-110-015 & -017)**
  The subject site

  No information regarding the subject site was available within the RWQCB files or GeoTracker online database. No information regarding hazardous materials, underground storage tanks or unauthorized releases was available for the subject site.

On September 15, 2015, a Basics representative reviewed the files maintained by the Contra Costa County Health Services Agency – Hazardous Materials Division (CCCHSA) in Martinez, California, in regards to any information concerning the subject site.

- **10963-10979 San Pablo Avenue, El Cerrito (APNs 509-110-015 & -017)**
  The subject site

  No information regarding the subject site was available within the CCCHSA files. No information regarding hazardous materials, underground storage tanks or unauthorized releases was available for the subject site.
On September 18, 2015, a Basics representative reviewed the files maintained by the City of El Cerrito Fire Department (ECFD) in El Cerrito, California, in regards to any information concerning the subject site.

- **10963-10979 San Pablo Avenue, El Cerrito (APNs 509-110-015 & -017)**
  The subject site.

  Information from the ECFD files revealed the earliest record for subject site included the following records:

  **10963 San Pablo Avenue**

  On August 21, 1997, a permit was issued to install a new hood at donut shop.

  On March 6, 1998, an existing donut shop changed ownership to El Cerrito Donuts.

  Inspections conducted by the ECFD from 2005 to 2014, indicated this unit was occupied by Goody Donut Shop. No reports of major violations were reported for this unit.

  **10969 San Pablo Avenue**

  Inspections conducted by the ECFD from 2010 to the 2014, indicated this unit was occupied by Hair Extraordinaire. No reports of major violations were reported for this unit.

  **10979 San Pablo Avenue**

  On November 21, 1997, a permit to change the use from a retail market to offices was issued for this unit.

  On February 17, 1998, a permit for interior modifications (offices) was issued for this unit.

  Inspections conducted by the ECFD from 2001 to the 2014, indicated this unit was occupied by Lander International/Playland Not at the Beach. No reports of major violations were reported for this unit.

  No information regarding hazardous materials, underground storage tanks or unauthorized releases was available for the subject site.
On September 18, 2015, a Basics representative reviewed the files maintained by the City of El Cerrito Building Department (ECBD) in El Cerrito, California, in regards to any information concerning the subject site.

- **10963-10979 San Pablo Avenue, El Cerrito (APNs 509-110-015 & -017)**
  The subject site.

  Information from the ECBD files revealed the earliest record for subject site included the following records:

  **10963 San Pablo Avenue**

  According to the ECBD this structure was originally built in 1902. No other documentation regarding the original construction was available within the ECBD files.

  In 1954, permits for a store addition and remodeling was issued to Angelo Fara.

  On June 22, 1955, a permit to install a sign (Van’s Donuts) was issued for this address.

  On March 8, 1965, a permit for electrical rewire (Van’s Donuts) was issued for this address.

  On October 16, 1973, a permit for drainage repairs (Van’s Donuts) was issued for this address.

  On January 15, 1975, a permit to remove a non conforming sign (Van’s Donuts) was issued for this address.

  On May 1, 1987, a permit to change a sign (Momsy’s Donuts) was issued for this address.

  On November 4, 2005, a permit for interior modifications (Goody Donuts) was issued for this address.

  **10969 San Pablo Avenue**

  According to the ECBD this structure was an addition to an existing structure originally built in 1902. No other documentation regarding the original construction was available within the ECBD files.

  On July 16, 1980, a use permit for a children’s retail boutique was issued for this address.

  **10979 San Pablo Avenue**

  According to the ECBD this structure was originally built in 1902. No other documentation regarding the original construction was available within the ECBD files.
On May 14, 1936, a permit to construct a double garage was issued to Angelo Fara.

On April 6, 1942, a permit to perform additions and repairs to existing structure was issued to Angelo Fara.

On October 24, 1944, a permit to construct a storeroom was issued to Angelo Fara.

On March 26, 1947, a permit to construct a neon sign (Angelo’s Market) was issued to Angelo Fara.

In 1955, permits for remodeling was issued to Angelo Fara.

On August 17, 1966, a permit to install 660 feet of sidewalk on Jefferson Avenue was issued for this address.

On March 7, 1973, a permit to re roof (Angelo’s Market) was issued for this address.

On January 31, 1974, a permit to remove a non conforming sign (Angelo’s Market) was issued for this address.

On March 10, 1978, a permit to remodel storefront (Angelo’s Market) was issued for this address.

On April 24, 1978, a permit to remove second floor apartment and canopy was issued for this address.

On May 2, 1978, a permit to install canvas canopy and frame (Angelo’s Market) was issued for this address.

On May 2, 1978, a permit to install canvas canopy and frame (Angelo’s Market) was issued for this address.

On February 12, 1997, a line lot adjustment was issued for this address.

On March 31, 1998, a permit to perform interior modifications (offices) was issued to Lander International.

On February 27, 2003, a permit to perform interior modifications (arcade and museum) was issued to Cheerybee Properties.

On May 9, 2007, a permit to construct a ramp was issued to Cheerybee Properties.

On November 8, 2007, a permit to construct a ramp was issued to Cheerybee Properties.
6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

These conclusions are based on the data collected during performance of this ESA and are therefore subject to the time limitations associated with accessing governmental and site data. The purpose of this assessment was to evaluate the likelihood of soil and ground water degradation as a result of the use, storage, treatment, and/or disposal of hazardous materials/waste on the subject site and sites located within a one-mile radius. Findings are based on a geological and hydrogeological information study, and an evaluation of historical and present property use (historical resource review, regulatory agency database and file review, personal interviews and site reconnaissance study).

6.1.1 Data Gaps

A data gap is the failure to obtain information required by the standard despite good faith efforts by the environmental professional to gather the information. Based on the findings of our investigation, it is our opinion that there are no apparent significant data gaps within the scope of work performed.

6.1.2 Environmental Issues/De Minimis Conditions

De Minimis Condition are defined by the ASTM Standard Practice E1527-13 as condition that 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. On the basis of the information compiled and reviewed by Basics, our findings indicate the following de minimus conditions:
(1) According to local building department records, the south portion of the subject site was reported to have been developed with a small one-story residential dwelling in 1902. No other documentation regarding the original construction was available within the local regulatory agency files reviewed.

By 1930, the small one-story residential dwelling was razed.

The use as residential does not have an obvious high potential business activity indicative to the storage, treatment or disposal of hazardous or potentially toxic materials. In addition, no information regarding the use of hazardous materials was uncovered during this time frame within the scope of work performed.

(2) According to local building department records, the north portion of the subject site was reported to have been developed with a two-story building with two associated out buildings (original address of 1051 San Pablo Avenue) in 1902. No other documentation regarding the original construction was available within the local regulatory agency files reviewed.

Sometime between 1926 and 1930, a one-story addition was developed along the south side of the two-story building (original address of 1057 San Pablo Avenue).

In 1944, a one-story rear warehouse addition was developed along the west side of the two-story building (new address of 1345 San Pablo Avenue) and another one-story addition was developed along the south side of the building (new addresses of 1335 & 1349 San Pablo Avenue).

In 1954 and 1955, additional alterations and remodeling of the building was conducted converting the structures into the one combined building footprint (new addresses of 10963-10979 San Pablo Avenue as noted during the site reconnaissance).

In 1978, the second floor apartment was reported to have been removed.

Based on the historical references reviewed, the subject site building was listed as being occupied by residential rooms (1920s); Angelo Fara grocers (1930s-1940s); Angelo Fara Market & Delicatessen, Johnson & Perelli grocers, De Maria Fruits and G F McDermott Meats (1950s); Fred Vanamburg “Vans” Donut Shop, Angelo’s Market grocers and Moynahan & Rosenstrauch Meats (1950s-1970s); Bob Garcia’s Quality Donut Shop, E&W Cyclery, McClendon Electric Service and Angelo’s Market grocers and Moynahan Meats (Late 1970s); Bob Garcia’s Quality Donut Shop, Headliners, Soup ER Yogurt, and Angelo’s Market grocers and Moynahan Meats (mid 1980s); Country Style Bakery, Container Craft and Angelo’s Market & Deli (early 1990s); El Cerrito Donut Shop, Hair Extraordinaire and Blue & Gold Market (mid 1990s); Goody Donut Shop, Hair Extraordinaire, and Lander International and Playland Not at the Beach (2000s-Present).
The occupation by the tenants listed within the historical references reviewed during this time frame do not appear to have a high potential for business activities indicative to the use, storage and/or treatment of hazardous materials. In addition, no information regarding the use of hazardous materials was uncovered during this time frame within the scope of work performed.

(3) From at least the 1940s to 1950s, the adjacent property to the south was occupied by a yard consisting of two commercial building utilized for auto repair and spray paint, a small gas and oil station and yard (1325 San Pablo Avenue)

During the 1960s, the two commercial building utilized for auto repair and spray paint, a small gas and oil station and yard was redeveloped into a commercial restaurant and later redeveloped into the current El Cerrito Mixed Used Village Complex in the 1980s.

No information regarding environmental investigations as part of the redevelopment was readily accessible for our review. In addition, no listings were reported for this adjacent site by EDR. Based on local hydrogeologic data, this adjacent site appears to be cross/down gradient of the subject site. Based on this information, the probability of a subsurface environmental impact and/or potential vapor encroachment from this site to the subject site is low.

Currently, there is no record of ground water impact from the adjacent site. However, if future environmental investigations indicate an impact to ground water has spread from the adjacent site onto the subject site, it appears unlikely that there will be any financial liability to the owner of the subject site even if it has been impacted by the release. This conclusion is based on established State policy, which has been promulgated in Resolution 92-49 of the CWRCB which is entitled Policies and Procedures for Investigation and Cleanup and Abatement of Water Discharges Under Water Code Section 13304. The Resolution reads in part, “The Regional Water Board shall... Require the discharger (adjacent site) to extend the investigation, and cleanup and abatement, to any location affected by the discharge or threatened discharge; This language and the general practice of the governing regulatory agency are such that it is unlikely that any financial responsibility would be passed to the current or future owner(s) of the subject site in the unlikely event that the remedial investigation were to extend to the subject site.

However, any change in land use and/or redevelopment (including grading activities, excavation, and/or installation of water wells) may lead to exposure pathways that can result in contact with contaminated materials or exposure to unacceptable levels of VOCs vapor. As such, the client should be prepared to deal with the possible discovery and mitigation of potential impacted ground water in accordance with local and state regulations.
During Basics’ site reconnaissance, the subject site facilities were noted as relatively clean with no obvious indications of the present use or storage of appreciable amounts of hazardous materials. In addition, no obvious evidence of collection drains, sumps, underground tanks, underground hydraulic hoists or other conduits to the subsurface within subject site facilities were noted during the site visit, which would suggest a high potential discharge of hazardous materials to the subsurface. In addition, no compelling evidence was discovered that a hazardous substance has been released from its operation onto (or into) the surface.

Because ultimately it remains the user who accepts the liability for having entered into a chain of title, it remains important that the user recognize that the “risk tolerance” of a regulatory agency could change, as could be the case if information is later uncovered to suggest that the de minimus conditions (i.e., those that generally do not present a material risk of harm to public 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) are of greater significance than once thought.

Based on the de minimus conditions stated above, additional scope of services (i.e. baseline environmental sampling), but not limited to, may or may not disclose information which may significantly reduce the “risk tolerance” in connection with the acquisition of a parcel of commercial real estate.
6.1.3 Recognized Environmental Conditions (RECs)

Recognized Environmental Conditions (RECs) are defined by the ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to 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. Based on the findings of our investigation, it is our opinion that there are no apparent obvious RECs on site that warrant further investigation or documentation at this time.

6.1.4 Controlled Recognized Environmental Conditions (CRECs)

Controlled Recognized Environmental Conditions (CRECs) are defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. Based on the findings of our investigation, no apparent CRECs were identified onsite.

6.1.5 Historical Recognized Environmental Conditions (HRECs)

Historical Recognized Environmental Condition (HREC) is defined by the ASTM Standard Practice E1527-13 as 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. Based on the findings of our investigation, it is our opinion that there are no apparent obvious HRECs on site that warrant further investigation or documentation at this time.
Site Location

Phase I Environmental Site Assessment
10963-10979 San Pablo Avenue
El Cerrito, California

PROJECT NO.
15-ENV4321

DRAWING NO.
1

Topographic Map Source: U.S. Geological Survey, 1980 Richmond Quadrangle, California
Aerial Photograph (2015)

Phase I Environmental Site Assessment
10963-10979 San Pablo Avenue
El Cerrito, California

APPROXIMATE SCALE IN FEET AS DETERMINED FROM GOOGLE MAPS

SITE Aerial Photo Source: U.S. Geological Survey & Google Maps
Site Photographs

Photo 1: Subject Site (Facing Northwest)
One-Story Commercial Retail Building and
Associated Paved and Landscaped Areas
(10963-10979 San Pablo Avenue)

Photo 2: Subject Site (Facing Southwest)
One-Story Commercial Retail Building and
Associated Paved and Landscaped Areas
(10963-10979 San Pablo Avenue)
Photo 3: Subject Site (Facing Southeast)
One-Story Commercial Retail Building and
Associated Paved and Landscaped Areas
(10963-10979 San Pablo Avenue)

Photo 4: Subject Site (Facing Northeast)
One-Story Commercial Retail Building and
Associated Paved and Landscaped Areas
(10963-10979 San Pablo Avenue)
Photo 5: Subject Site (Facing Northwest)
Goody Donuts
(Retail Area)
(10963 San Pablo Avenue)

Photo 6: Subject Site (Facing Northwest)
Goody Donuts
(Kitchen Area)
(10963 San Pablo Avenue)
Photo 7: Subject Site (Facing West)
Hair Extraordinaire
(Salon Area)
(10969 San Pablo Avenue)

Photo 8: Subject Site (Facing Northeast)
Designated Garbage Bin Area
(Associated Paved Parking Area)
Photo 9: Subject Site (Facing Southwest)
Playland Not at the Beach/Lander International
(Reception Area)
(10979 San Pablo Avenue)

Photo 10: Subject Site (Facing Northwest)
Playland Not at the Beach/Lander International
(Lobby Area)
(10979 San Pablo Avenue)
Photo 11: Subject Site (Facing Northeast)
Playland Not at the Beach/Lander International
(Museum Area)
(10979 San Pablo Avenue)

Photo 12: Subject Site (Facing Northwest)
Playland Not at the Beach/Lander International
(Museum Area)
(10979 San Pablo Avenue)

Site Photographs
Photo 13: Subject Site (Facing Southeast)
Playland Not at the Beach/Lander International
(Carnival Arcade Area)
(10979 San Pablo Avenue)

Photo 14: Subject Site (Facing West)
Playland Not at the Beach/Lander International
(Carnival Arcade Area)
(10979 San Pablo Avenue)
Site Photographs

Photo 15: Subject Site (Facing Northeast)
Playland Not at the Beach/Lander International
(Break Room Area)
(10979 San Pablo Avenue)

Photo 16: Subject Site (Facing East)
Playland Not at the Beach/Lander International
(Pinball Arcade Area)
(10979 San Pablo Avenue)
Photo 17: Subject Site (Facing Southwestt)
Playland Not at the Beach/Lander International
(Pinball Arcade Area)
(10979 San Pablo Avenue)
General Information
APN: 509-110-015-5
Situs Address: 10963 SAN PABLO AVE RICHMOND CA 94530-2338
Mailing Address: PO BOX 1370 EL CERRITO CA 94530-1370
Legal Description: BAY VIEW PARK LTS 1-3 & POR LTS 4,56-58
Use Type: RETAIL SALES
Tax Rate Area: 003-001

Assessment
Year Assd: 2015
Land: $301,583
Structure(s): $501,432
Other:
Total Land and Improv: $803,015
HO Exempt?: N
Exemption Amt:

Property Characteristics
Bedrooms:
Baths:
Bldg/Liv Area: 9,360
Year Built: 1902
Lot Acres: 0.348
Lot SqFt: 15,167

Recent Sale History
Document Image: Add to Cart
Recording Date: 07/09/1999
Document #: 181443
Transfer Amount:

**The information provided is subject to change and should be verified.**
General Information

APN: 509-110-017-1
Situs Address: JEFFERSON AVE RICHMOND CA 94804
Mailing Address: PO BOX 1370 EL CERRITO CA 94530-1370
Legal Description: BAYVIEW PARK POR LTS 56,57,58 BLK 4

Use Type: PARKING LOT
Tax Rate Area: 008-001

Assessment

Year Assd: 2015
Land: $49,148
Structure(s): $7,962
Other: 
Total Land and Improv: $57,110
HO Exempt?: N
Exemption Amt: 

Property Characteristics

Bedrooms: 
Baths: 
Bldg/Liv Area: 
Year Built: 
Lot Acres: 0.070
Lot SqFt: 3,092

Recent Sale History

Document Image: 
Recording Date: 07/09/1999
Document #: 181443
Transfer Amount: 
b a s i c s
E N V I R O N M E N T A L

TRANSACTION SCREEN QUESTIONNAIRE
FOR PHASE I ENVIRONMENTAL SITE ASSESSMENT

10929 SAN PABLO AVE.
STREET ADDRESS OF SUBJECT PROPERTY

EL CERRITO CA 94530
CITY STATE ZIP

Tim Sauer
NAME OF PARTY COMPLETING QUESTIONNAIRE
10929 SAN PABLO AVE. EL CERRITO CA 94530
STREET ADDRESS CITY STATE ZIP

(510) 232-4264 x24
DAYTIME PHONE

Tim@LandersNT.com
EMAIL ADDRESS / ALTERNATIVE CONTACT INFO

Cheeryble Properties
COMPANY
SUBJECT PROPERTY DESCRIPTION

Total Size: 15,000 square feet
Size of developed Areas: 9,000 sq ft + parking

How is property zoned: C-2
Is property vacant or improved: Improved

Is property currently occupied: Yes
How long under current ownership: 2/28/98

Current uses:
1. Office Space
2. Family Fun Museum
3. Donut/Sandwich Shop

Past uses:
4. Hair Salon
5. GRACE CMI STORE

Structures on the property:
1. ONE SINGLE STORY BUILDING
2. 
3. 

Can a property layout be faxed: Yes

Ground cover:
Asphalt: X
Concrete:
Grass:
Dirt:
Vegetation:
Other ground cover:

Land features:
Direction of slope:
Approximate incline:
Sensitive Lands/Wetlands: No
Size:
Surface Water:
Size:

How is storm water handled: DRAINS TO CURB/SWALL SYSTEM

Herbicide/Pesticide use (type, quantity, frequency): None

Utilities:
Well or city water: CITY WATER
septic or sewer: SEWER
electricity or gas: BOTH

Are materials ever burned on the property: No

Storage facilities: No

Hazardous materials storage: None
Waste materials: EB SANITARY
How long since excavation on the property __2008__ By Whom

Why replace parking lot

Last time natural features manipulated __2008__ By Whom

Why replace parking lot

Previous ESA’s By Whom

Why

Previous remediation work By Whom

Why

---

SURROUNDING PROPERTIES

---

General description of area: _near shops, city hall_

Uses of surrounding properties:

East: _Sporting Goods Store_ West: _apartments and homes_

North: _senior living facility_ South: _shops/ auto repairs_

Proximity to:

_gas station_ 1,000 feet_ manufacturing plants_

_waste treatment facility_ water treatment facility_

Is there any reason to suspect environmental contamination from adjoining properties _no_

---

QUESTIONNAIRE

1a. Did you observe evidence or do you have any prior knowledge that the subject property is currently or has been previously used for an industrial use? _yes_ _no_ unknown

1b. Did you observe evidence or do you have any prior knowledge that any adjoining properties is currently or has been previously used for an industrial use? _yes_ _no_ unknown
2a. Did you observe evidence or do you have any knowledge that the *subject property* is currently or has previously been used for any of the following (circle all that apply):

- gasoline station
- motor repair facility
- dry cleaners
- photo developing laboratory
- junkyard or landfill
- waste treatment, storage, disposal, processing or recycling facility

<table>
<thead>
<tr>
<th>yes</th>
<th>no</th>
<th>unknown</th>
</tr>
</thead>
</table>

2b. Did you observe evidence or do you have any knowledge that any *adjoining property* is currently or has previously been used for any of the following (circle all that apply):

- gasoline station
- motor repair facility
- dry cleaners
- photo developing laboratory
- junkyard or landfill
- waste treatment, storage, disposal, processing or recycling facility

<table>
<thead>
<tr>
<th>yes</th>
<th>no</th>
<th>unknown</th>
</tr>
</thead>
</table>

3. Did you observe evidence or do you have any knowledge that there are currently or have been previously any damaged or discarded *automotive or industrial batteries, pesticides, paints, or other chemicals* in individual containers > 5 gallons (19 L) in volume or 50 gallons (190 L) in the aggregate, stored on or used at the *subject property*?

<table>
<thead>
<tr>
<th>yes</th>
<th>no</th>
<th>unknown</th>
</tr>
</thead>
</table>

4. Did you observe evidence or do you have any knowledge that there are currently or have been previously any *industrial drums* (typically 55 gal) or sacks of chemicals located on the *subject property*?

<table>
<thead>
<tr>
<th>yes</th>
<th>no</th>
<th>unknown</th>
</tr>
</thead>
</table>

5. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the *subject property* that originated from a contaminated site or is of unknown origin?

<table>
<thead>
<tr>
<th>yes</th>
<th>no</th>
<th>unknown</th>
</tr>
</thead>
</table>

6. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any *pits, ponds, or lagoons* located on the *subject property* in connection with waste treatment or waste disposal?

<table>
<thead>
<tr>
<th>yes</th>
<th>no</th>
<th>unknown</th>
</tr>
</thead>
</table>

7. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any *stained soil* on the *subject property*?

<table>
<thead>
<tr>
<th>yes</th>
<th>no</th>
<th>unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Question</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>8. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any registered or unregistered storage tanks (above or underground) located on the subject property?</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>9. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the subject property or adjacent to any structure on the subject property?</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>10. Is there currently evidence of leaks, spill, or staining by substances other than water, or foul odors, associated with flooring, drains, walls, ceilings, or exposed grounds on the subject property?</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>11. If the subject property is served by a private well or non-public water system, is there evidence or do you have any knowledge that contaminants have been identified in the well or system, or that the well has been designated as contaminated by any government environmental/health agency?</td>
<td>yes</td>
<td>N/A</td>
</tr>
<tr>
<td>12. Do you have any knowledge of environmental liens or government notification relating to past or recurrent violations of environmental laws with respect to the subject property?</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>13. Have you been informed of the current or past existence of hazardous substances or petroleum products with respect to the subject property?</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>14. Do you have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the subject property, or recommended further assessment of the subject property?</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>15. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the subject property by any owner or occupant of the property?</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>16. Does the subject property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?</td>
<td>yes</td>
<td>no</td>
</tr>
</tbody>
</table>
17. Do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the subject property?

   yes  no  unknown

18. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCB's?

   yes  no  unknown

Please provide details relating to any questions answered “yes” in the space provided. Attach additional sheets or informative documents if necessary.

The undersigned represents that to the best of their knowledge the above statements and facts are true and correct and the best of his/her knowledge no material facts have been suppressed or misstated.

Signature of party completing questionnaire

Timothy Sauer

Name of party completing questionnaire

Date 9/16/15
Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

10963-10979 SAN PABLO AVENUE
EL CERRITO, CA 94530

COORDINATES

Latitude (North): 37.9169000 - 37° 55’ 0.84”
Longitude (West): 122.3129000 - 122° 18’ 46.44”
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 560395.4
UTM Y (Meters): 4196612.0
Elevation: 62 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640624 RICHMOND, CA
Version Date: 2012

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR’s search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list
NPL_______________ National Priority List
Proposed NPL________ Proposed National Priority List Sites
NPL LIENS,____________ Federal Superfund Liens

Federal CERCLIS list
FEDERAL FACILITY____________ Federal Facility Site Information listing
CERCLIS_______________ Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List
CERC-NFRAP_____________ CERCLIS No Further Remedial Action Planned
Federal RCRA non-CORRACTS TSD facilities list
RCRA-TSDF. .................  RCRA - Treatment, Storage and Disposal

Federal RCRA generators list
RCRA-LQG. ...................  RCRA - Large Quantity Generators
RCRA-SQG. .....................  RCRA - Small Quantity Generators
RCRA-CESQG. ...............  RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries
LUCIS. ..........................  Land Use Control Information System
US ENG CONTROLS. ..........  Engineering Controls Sites List
US INST CONTROL. ..........  Sites with Institutional Controls

Federal ERNS list
ERNS. ...........................  Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists
SWF/LF. ............................  Solid Waste Information System

State and tribal leaking storage tank lists
INDIAN LUST. .....................  Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists
FEMA UST. .........................  Underground Storage Tank Listing
AST. .................................  Aboveground Petroleum Storage Tank Facilities
INDIAN UST. .......................  Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites
INDIAN VCP. .......................  Voluntary Cleanup Priority Listing

State and tribal Brownfields sites
BROWNFIELDS. ....................  Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS. ............  A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites
WMUDS/SWAT. ....................  Waste Management Unit Database
SWRCY. ...........................  Recycler Database
HAULERS. ........................  Registered Waste Tire Haulers Listing
EXECUTIVE SUMMARY

INDIAN ODI, .................... Report on the Status of Open Dumps on Indian Lands
ODI, .......................... Open Dump Inventory
DEBRIS REGION 9, .......... Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites
US HIST CDL, .................. National Clandestine Laboratory Register
SCH, ............................ School Property Evaluation Program
CDL, ............................ Clandestine Drug Labs
US CDL, ......................... Clandestine Drug Labs

Local Lists of Registered Storage Tanks
CA FID UST, ..................... Facility Inventory Database

Local Land Records
LIENS, .......................... Environmental Liens Listing
LIENS 2, ........................ CERCLA Lien Information
DEED, ........................... Deed Restriction Listing

Records of Emergency Release Reports
HMIRS, .......................... Hazardous Materials Information Reporting System
CHMIRS, ......................... California Hazardous Material Incident Report System
LDS, .............................. Land Disposal Sites Listing
MCS, .............................. Military Cleanup Sites Listing
SPILLS 90, ....................... SPILLS 90 data from FirstSearch

Other Ascertainable Records
RCRA NonGen / NLR, ........... RCRA - Non Generators / No Longer Regulated
FUDS, ............................ Formerly Used Defense Sites
DOD, ............................. Department of Defense Sites
SCRD DRYCLEANERS, ........ State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR, .................. Financial Assurance Information
EPA WATCH LIST, ............ EPA WATCH LIST
2020 COR ACTION, .......... 2020 Corrective Action Program List
TSCA, ............................ Toxic Substances Control Act
TRIS, ............................. Toxic Chemical Release Inventory System
SSTS, ............................. Section 7 Tracking Systems
RMP, ............................. Risk Management Plans
RAATS, .......................... RCRA Administrative Action Tracking System
PRP, .............................. Potentially Responsible Parties
PADS, ............................ PCB Activity Database System
ICIS, ............................. Integrated Compliance Information System
FTTS, ............................ FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
Act)/TSCA (Toxic Substances Control Act)
MLTS, ............................ Material Licensing Tracking System
COAL ASH DOE, ............... Steam-Electric Plant Operation Data
COAL ASH EPA, ............... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER, ........ PCB Transformer Registration Database
RADINFO, ....................... Radiation Information Database
HIST FTTS, ...................... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS, ....................... Incident and Accident Data
CONSENT  Superfund (CERCLA) Consent Decrees
INDIAN RESERV  Indian Reservations
UMTRA  Uranium Mill Tailings Sites
LEAD SMELTERS  Lead Smelter Sites
US AIRS  Aerometric Information Retrieval System Facility Subsystem
US MINES  Mines Master Index File
FINDS  Facility Index System/Facility Registry System
CA BOND EXP. PLAN  Bond Expenditure Plan
Cortese  "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings  CUPA Resources List
DRYCLEANERS  Cleaner Facilities
EMI  Emissions Inventory Data
ENF  Enforcement Action Listing
Financial Assurance  Financial Assurance Information Listing
HWT  Registered Hazardous Waste Transporter Database
MINES  Mines Site Location Listing
MWMP  Medical Waste Management Program Listing
NPDES  NPDES Permits Listing
PEST LIC  Pesticide Regulation Licenses Listing
PROC  Certified Processors Database
Notify 65  Proposition 65 Records
UIC  UIC Listing
WASTEWATER PITS  Oil Wastewater Pits Listing
WDS  Waste Discharge System
WIP  Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP  EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives
RGA LF  Recovered Government Archive Solid Waste Facilities List
RGA LUST  Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.
STANDARD ENVIRONMENTAL RECORDS

**Federal Delisted NPL site list**

Delisted NPL: The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may deleted from the NPL where no further response is appropriate.

A review of the Delisted NPL list, as provided by EDR, and dated 03/26/2015 has revealed that there is 1 Delisted NPL site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIQUID GOLD OIL CORP</td>
<td>HOFFMAN BLVD &amp; S 47T</td>
<td>SW 1/2 - 1 (0.734 mi.)</td>
<td>48</td>
<td>124</td>
</tr>
</tbody>
</table>

**Federal RCRA CORRACTS facilities list**

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/10/2015 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIQUID GOLD OIL CORP</td>
<td>HOFFMAN BLVD &amp; S 47T</td>
<td>SW 1/2 - 1 (0.734 mi.)</td>
<td>48</td>
<td>124</td>
</tr>
</tbody>
</table>

**State- and tribal - equivalent NPL**

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 08/03/2015 has revealed that there are 3 RESPONSE sites within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLAIR SOUTHERN PACIF</td>
<td>AT THE FOOT OF SOUTH</td>
<td>WSW 1/2 - 1 (0.794 mi.)</td>
<td>49</td>
<td>140</td>
</tr>
<tr>
<td>Status: Active</td>
<td>Facility Id: 7490012</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HARBORFRONT TRACT</td>
<td>MEADE SOUTH 49TH EAS</td>
<td>WSW 1/2 - 1 (0.860 mi.)</td>
<td>51</td>
<td>155</td>
</tr>
<tr>
<td>Status: Active</td>
<td>Facility Id: 70000178</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>WSW 1/2 - 1 (0.968 mi.)</td>
<td>152</td>
<td>170</td>
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<td>Facility Id: 7280002</td>
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</table>
**State- and tribal - equivalent CERCLIS**

ENVIROSTOR: The Department of Toxic Substances Control’s (DTSC’s) Site Mitigation and Brownfields Reuse Program’s (SMBRP’s) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/03/2015 has revealed that there are 8 ENVIROSTOR sites within approximately 1 mile of the target property.

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<tr>
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<tr>
<td><strong>EL CERRITO MILL AND</strong></td>
<td>10812 SAN PABLO AVEN</td>
<td>SE 1/8 - 1/4 (0.201 mi.)</td>
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<td><strong>SUNSHINE CLEANERS &amp;</strong></td>
<td>10750 SAN PABLO AVEN</td>
<td>SE 1/4 - 1/2 (0.270 mi.)</td>
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<td>SE 1/4 - 1/2 (0.316 mi.)</td>
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</table>
**Executive Summary**

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 06/15/2015 has revealed that there are 17 LUST sites within approximately 0.5 miles of the target property.

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EXECUTIVE SUMMARY

Status: Completed - Case Closed
Global Id: T0601300049

CHEVRON #6967
Facility Id: 07-0052
Facility Status: Case Closed
date: 6/20/2001

EL CERRITO CITY OF
Facility Id: 07-0092
Facility Status: Leak being confirmed
Global Id: T0601300088

TARGET
Facility Id: 07-0642
Facility Status: Case Closed

EL CERRITO SHELL
Facility Id: 07-0123
Global Id: T0601300593
date: 4/25/2003

EL CERRITO REDEVELOP
Facility Id: 07-0052
Facility Status: Case Closed
Global Id: T0601300114
date: 4/14/1995

PAY N PAK STORE #229
Facility Id: 07-0232
Facility Status: Case Closed
Global Id: T0601300483
date: 4/14/1995

UNOCAL
Facility Id: 07-0522
Facility Status: Leak being confirmed
Global Id: T0601300483

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 06/15/2015 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

<table>
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<tr>
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<th>Direction / Distance</th>
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<td>P G &amp; E - EL CERRITO</td>
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<tr>
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<td>6109 POTRERO AVENUE</td>
<td>NW 1/4 - 1/2 (0.321 mi.)</td>
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TC4412365.1s EXECUTIVE SUMMARY
EXECUTIVE SUMMARY

Facility Id: 07S0161

**A&N COMP DRYCLEANERS**

- **Address**: 6109 POTRERO AVE NW 1/4 - 1/2 (0.321 mi.)
- **Global Id**: SL0601385412
- **Facility Status**: Open - Inactive

---

**State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board’s Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 06/15/2015 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

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</tr>
</thead>
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<td>EL CERRITO PUBLIC SA</td>
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<td>SE 0 - 1/8 (0.084 mi.)</td>
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<tr>
<td>DOHERTY’S TRUCK &amp; AU</td>
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<td>SE 0 - 1/8 (0.096 mi.)</td>
<td>C16</td>
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**State and tribal voluntary cleanup sites**

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC’s costs.

A review of the VCP list, as provided by EDR, and dated 08/03/2015 has revealed that there are 4 VCP sites within approximately 0.5 miles of the target property.

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<td>51</td>
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<td>10750 SAN PABLO AVEN</td>
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</table>
EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 HIST Cal-Sites sites within approximately 1 mile of the target property.

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<tr>
<td>LIQUID GOLD OIL CORP</td>
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<td>SW 1/2 - 1 (0.849 mi.)</td>
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<td>143</td>
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<tr>
<td>ZENECA RICHMOND AG P</td>
<td>1415 SOUTH 47TH STRE</td>
<td>WSW 1/2 - 1 (0.968 mi.)</td>
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<td>176</td>
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Toxic Pits: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there is 1 Toxic Pits site within approximately 1 mile of the target property.

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<td>WSW 1/2 - 1 (0.968 mi.)</td>
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Closure Date: 05/20/91
Task #: 82033
Status: CLOSED

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990’s. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

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<td>STATIC ELECTRIC, INC</td>
<td>1490 KEARNEY ST</td>
<td>N 1/8 - 1/4 (0.173 mi.)</td>
<td>25</td>
<td>49</td>
</tr>
</tbody>
</table>
HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

**Equal/Higher Elevation**

<table>
<thead>
<tr>
<th>Facility Id: 00000067321</th>
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</thead>
<tbody>
<tr>
<td><strong>Address</strong></td>
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<tr>
<td>10812 SAN PABLO AVE</td>
</tr>
<tr>
<td><strong>Direction / Distance</strong></td>
</tr>
<tr>
<td>SE 1/8 - 1/4 (0.201 mi.)</td>
</tr>
<tr>
<td><strong>Map ID</strong></td>
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<tr>
<td>E28</td>
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**Lower Elevation**

<table>
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<tr>
<td>1490 KEARNEY ST</td>
</tr>
<tr>
<td><strong>Direction / Distance</strong></td>
</tr>
<tr>
<td>N 1/8 - 1/4 (0.173 mi.)</td>
</tr>
<tr>
<td><strong>Map ID</strong></td>
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<tr>
<td>25</td>
</tr>
<tr>
<td><strong>Page</strong></td>
</tr>
<tr>
<td>49</td>
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</table>

**Other Ascertainable Records**

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

**Lower Elevation**

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<tbody>
<tr>
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</tr>
<tr>
<td><strong>Direction / Distance</strong></td>
</tr>
<tr>
<td>HOFFMAN BLVD &amp; S 47T</td>
</tr>
<tr>
<td><strong>Map ID</strong></td>
</tr>
<tr>
<td>SW 1/2 - 1 (0.734 mi.)</td>
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</table>

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2013 has revealed that there are 10 HAZNET sites within approximately 0.125 miles of the target property.

**Equal/Higher Elevation**

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<tr>
<td>SSW 0 - 1/8 (0.075 mi.)</td>
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<td>10900 SAN PABLO AVE</td>
</tr>
<tr>
<td><strong>Direction / Distance</strong></td>
</tr>
<tr>
<td>SE 0 - 1/8 (0.084 mi.)</td>
</tr>
<tr>
<td><strong>Map ID</strong></td>
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</tr>
<tr>
<td><strong>Direction / Distance</strong></td>
</tr>
<tr>
<td>SE 0 - 1/8 (0.084 mi.)</td>
</tr>
<tr>
<td><strong>Map ID</strong></td>
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<td>C13</td>
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<tr>
<td><strong>Direction / Distance</strong></td>
</tr>
<tr>
<td>SE 0 - 1/8 (0.096 mi.)</td>
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<td><strong>Map ID</strong></td>
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<td><strong>Direction / Distance</strong></td>
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<tr>
<td>SE 0 - 1/8 (0.096 mi.)</td>
</tr>
<tr>
<td><strong>Map ID</strong></td>
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<tr>
<td>C18</td>
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EXECUTIVE SUMMARY

GEPAID: CAL000091582
STATE OF CA - DEPT.
GEPAID: CAC000965344
ESTATE OF LAILA JAMM
GEPAID: CAC002105048

**Lower Elevation**

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<td>DESALVO CHIROPRACTIC</td>
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**Equal/Higher Elevation**

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<td>A2</td>
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<tr>
<td>CIVIC CENTER PLAZA A</td>
<td>10940 SAN PABLO</td>
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<tr>
<td>EL CERRITO CITY OF P</td>
<td>10900 SAN PABLO AVE</td>
<td>C12</td>
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<tr>
<td>DOHERTY’S RENTAL</td>
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<td>COMMERCIAL</td>
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**Lower Elevation**

<table>
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<tr>
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<td>11319 SAN PABLO AVE</td>
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<td>EL CERRITO CITY OF</td>
<td>6009 POTRERO AVE</td>
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<td>TARGET</td>
<td>11402 SAN PABLO AVE</td>
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<td>EL CERRITO REDEVELOP</td>
<td>1718 EASTSHORE</td>
<td>H44</td>
<td>97</td>
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<td>PAY N PAK STORE #229</td>
<td>1711 EASTSHORE BLVD</td>
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<td>UNOCAL</td>
<td>1503 CARLSON BLVD</td>
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HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 11 HIST CORTESE sites within approximately 0.5 miles of the target property.
HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 05/26/2015 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>LIQUID GOLD OIL CORP</td>
<td>HOFFMAN BLVD &amp; S 47T</td>
<td>SW 1/2 - 1 (0.849 mi.)</td>
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</table>

CONTRA COSTA CO. SITE LIST: Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

A review of the CONTRA COSTA CO. SITE LIST list, as provided by EDR, and dated 05/26/2015 has revealed that there are 14 CONTRA COSTA CO. SITE LIST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAR-T COMPLETE AUTO</td>
<td>5934 ALAMEDA AVE</td>
<td>S 0 - 1/8 (0.026 mi.)</td>
<td>A1</td>
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</tr>
<tr>
<td>GRIFFIN LAND CO</td>
<td>10944 SAN PABLO AVE</td>
<td>SE 0 - 1/8 (0.045 mi.)</td>
<td>A2</td>
<td>7</td>
</tr>
<tr>
<td>MARTY'S MOTORS</td>
<td>10929 SAN PABLO AVE</td>
<td>SE 0 - 1/8 (0.047 mi.)</td>
<td>A3</td>
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</tr>
<tr>
<td>DON'S AUTO BODY</td>
<td>10919 SAN PABLO AVE</td>
<td>SE 0 - 1/8 (0.059 mi.)</td>
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<tr>
<td>MIDAS AUTO SERVICE C</td>
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<td>SE 0 - 1/8 (0.081 mi.)</td>
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<tr>
<td>EL CERRITO CITY OF P</td>
<td>10900 SAN PABLO AVE</td>
<td>SE 0 - 1/8 (0.084 mi.)</td>
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</tr>
<tr>
<td>DOHERTY'S RENTAL</td>
<td>10895 SAN PABLO AVE</td>
<td>SE 0 - 1/8 (0.096 mi.)</td>
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<tr>
<td>EL CERRITO MILL &amp; LU</td>
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<td>MARSHALLS 0496</td>
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<td>TECKNICA AUTO</td>
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<th>Lower Elevation</th>
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<tr>
<td>STATIC ELECTRIC, INC</td>
<td>1490 KEARNEY ST</td>
<td>N 1/8 - 1/4 (0.173 mi.)</td>
<td>25</td>
<td>49</td>
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Facility Id: 708507
Due to poor or inadequate address information, the following sites were not mapped. Count: 25 records

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<td>HOME DEPOT</td>
<td>RGA LUST</td>
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<td>SHELL</td>
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<td>HOME DEPOT</td>
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<td>EL CERRITO REDEVELOPMENT AGNCY</td>
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</tr>
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<td>CARLSON BLVD IMPROVEMENTS</td>
<td>NPDES</td>
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<td>JUSPO PROPERTY</td>
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<td>MACDONALD SAN PABLO WALL 45TH PLUME</td>
<td>RESPONSE, ENVIROSTOR</td>
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<td>PETER KIEWET &amp; SONS</td>
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<td>DREW SALES</td>
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<td>CHEVRON USA RICHMOND REF</td>
<td>CERC-NFRAP, CORRACTS, RAATS, FINDS</td>
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<td>FE FORBES COMPANY</td>
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**EDR HIGH RISK HISTORICAL RECORDS**

*EDR Exclusive Records*

| EDR MGP                        | 1.000                   | 0               | 0     | 0         | 0         | NR      | NR  | 0             |

*EDR RECOVERED GOVERNMENT ARCHIVES*

*Exclusive Recovered Govt. Archives*

| RGA LF                         | 0.001                   | 0               | NR    | NR        | NR        | NR      | NR  | 0             |
| RGA LUST                       | 0.001                   | 0               | NR    | NR        | NR        | NR      | NR  | 0             |

- Totals --

|       |       | 0 | 34 | 11 | 25 | 14 | 0 | 84 |

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database
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<th>Site</th>
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<td>A1</td>
<td>CAR-T COMPLETE AUTO CARE</td>
<td>136 ft.</td>
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MAP FINDINGS

A4  CIVIC CENTER PLAZA APARTM  LUST  S102429152
SE  10940 SAN PABLO  ENF  N/A
< 1/8  EL CERRITO, CA  94530  HIST CORTESE
0.048 mi.  Site 4 of 5 in cluster A
253 ft.  253 ft.

Relative: Higher
Actual: 68 ft.

LUST:
Region: STATE
Global Id: T0601300634
Latitude: 37.916759
Longitude: -122.311766
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 11/11/2003
Lead Agency: Not reported
Case Worker: BGS
Local Agency: Not reported
RB Case Number: 07-0685
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0601300634
Contact Type: Regional Board Caseworker
Contact Name: BARBARA SIEMINSKI
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: bsieminski@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0601300634
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: slloyd@hsd.co.contra-cost ca.us
Phone Number: Not reported

Status History:
Global Id: T0601300634
Status: Completed - Case Closed
Status Date: 11/11/2003

Global Id: T0601300634
Status: Open - Case Begin Date
Status Date: 06/24/1987

Global Id: T0601300634
Status: Open - Site Assessment
Status Date: 06/23/1995

Global Id: T0601300634

TC4412365.1s  Page 8
### CIVIC CENTER PLAZA APARTM (Continued)

Status: Open - Site Assessment  
Status Date: 06/28/1995

Global Id: T0601300634  
Status: Open - Site Assessment  
Status Date: 04/10/2001

Global Id: T0601300634  
Status: Open - Verification Monitoring  
Status Date: 09/22/2003

**Regulatory Activities:**

- **Global Id:** T0601300634  
  **Action Type:** Other  
  **Date:** 11/16/1994  
  **Action:** Leak Discovery

- **Global Id:** T0601300634  
  **Action Type:** Other  
  **Date:** 06/24/1987  
  **Action:** Leak Reported

- **Global Id:** T0601300634  
  **Action Type:** ENFORCEMENT  
  **Date:** 04/10/2001  
  **Action:** * Historical Enforcement

- **Global Id:** T0601300634  
  **Action Type:** Other  
  **Date:** 11/16/1994  
  **Action:** Leak Stopped

- **Global Id:** T0601300634  
  **Action Type:** ENFORCEMENT  
  **Date:** 11/11/2003  
  **Action:** Closure/No Further Action Letter

**ENF:**

- **Region:** 2
- **Facility Id:** 217847
- **Agency Name:** El Cerrito Building Services
- **Place Type:** Facility
- **Place Subtype:** Not reported
- **Facility Type:** All other facilities
- **Agency Type:** City Agency
- **# Of Agencies:** 1
- **Place Latitude:** 37.916224
- **Place Longitude:** -122.311921
- **SIC Code 1:** Not reported
- **SIC Desc 1:** Not reported
- **SIC Code 2:** Not reported
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- **SIC Code 3:** Not reported
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- **NAICS Code 1:** Not reported
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CIVIC CENTER PLAZA APARTMENTS (Continued)

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Description: Not reported
Program: UST
Latest Milestone Completion Date: 6/15/2001
# Of Programs: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0685

LUST REG 2:
Region: 2
Facility Id: 07-0685
Facility Status: Case Closed
Case Number: 07-0685
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 6/28/1995
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 6/23/1995
Pollution Characterization Began: 4/10/2001
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 9/22/2003

ABBEY PET HOSPITAL
North
< 1/8
0.054 mi.
285 ft.
Site 1 of 2 in cluster B

Relative: Lower
Actual: 61 ft.

HAZNET:
envid: S113053675
Year: 2001
GEPaid: CAL000082614
Contact: LEE PRUTTON
Telephone: 5105290777
Mailing Name: Not reported
Mailing Address: 11070 SAN PABLO AVE
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### ABBEY PET HOSPITAL (Continued)

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Gen County: Not reported  
TSD EPA ID: CA0000084517  
TSD County: Not reported  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Transfer Station  
Tons: 0.06  
Facility County: Contra Costa

- **envid:** S113053675  
- **Year:** 2000  
- **GEPaid:** CAL000082614  
- **Contact:** LEE PRUTTON  
- **Telephone:** 5105290777  
- **Mailing Name:** Not reported  
- **Mailing Address:** 11070 SAN PABLO AVE

Mailing City, St, Zip: EL CERRITO, CA 945300000  
Gen County: Not reported  
TSD EPA ID: CA0000084517  
TSD County: Not reported  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Transfer Station  
Tons: 0.06  
Facility County: Contra Costa

- **envid:** S113053675  
- **Year:** 1998  
- **GEPaid:** CAL000082614  
- **Contact:** LEE PRUTTON  
- **Telephone:** 0000000000  
- **Mailing Name:** Not reported  
- **Mailing Address:** 11070 SAN PABLO AVE

Mailing City, St, Zip: EL CERRITO, CA 945300000  
Gen County: Not reported  
TSD EPA ID: CA0000084517  
TSD County: Not reported  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Transfer Station  
Tons: 0.1250  
Facility County: 7

- **envid:** S113053675  
- **Year:** 1996  
- **GEPaid:** CAL000082614  
- **Contact:** LEE PRUTTON  
- **Telephone:** 0000000000  
- **Mailing Name:** Not reported  
- **Mailing Address:** 11070 SAN PABLO AVE

Mailing City, St, Zip: EL CERRITO, CA 945300000  
Gen County: Not reported  
TSD EPA ID: CA0000084517  
TSD County: Not reported  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Tons: 0.1251  
Facility County: 7
ABBEGY PET HOSPITAL (Continued)

envid: S113053675
Year: 1995
GEPAYD: CAL000082614
Contact: LEE PRUTTON
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 11070 SAN PABLO AVE
Mailing City,St,Zip: EL CERRITO, CA 945300000
Gen County: Not reported
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .0417
Facility County: 7

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

C7 DON'S AUTO BODY CONTRA COSTA CO. SITE LIST S102260918
SE 10919 SAN PABLO AVE N/A
< 1/8 EL CERRITO, CA 94530
0.059 mi. 313 ft. Site 1 of 10 in cluster C
Relative: Higher
Actual: 68 ft.
CONTRA COSTA CO. SITE LIST:
Facility ID: 771837
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA

HAZNET DAVID CHEONG HAZNET S117305914
SSW 5920 BAYVIEW AVE N/A
< 1/8 RICHMOND, CA 94804
0.075 mi. 394 ft.
Relative: Higher
Actual: 71 ft.
HAZNET:
envid: S117305914
Year: 2013
GEPAID: CAC002750835
Contact: DAVID CHEONG
Telephone: 5105997789
Mailing Name: Not reported
Mailing Address: 5920 BAYVIEW AVE
Mailing City,St,Zip: RICHMOND, CA 948044832
Gen County: Contra Costa
TSD EPA ID: AZC950823111
TSD County: 99
### Site: DAVID CHEONG (Continued)

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<th>EDR ID Number</th>
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| Waste Category: | Not reported |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 0.8 |
| Facility County: | Not reported |

### Site: MIDAS AUTO SERVICE CENTER

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| Program/Elements: | CONTRA COSTA CO. SITE LIST |
| Program Status: | ACTIVE, BILLABLE |
| Region: | CONTRA COSTA |

| Facility ID: | 771535 |
| Billing Status: | ACTIVE, BILLABLE |

| Program/Elements: | HMBP: 1K-10K LBS, 0-19 EMPLOYEES |
| Region: | CONTRA COSTA |

### Site: CITY EL CERRITO - FIRE DEPT

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<th>EDR ID Number</th>
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| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Transfer Station |
| Tons: | .6255 |

### Site: HAZNET

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</table>

| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Transfer Station |
| Tons: | .6255 |

| Facility County: | EL CERRITO, CA 94530 |
| Mailing City,St,Zip: | 10890 SAN PABLO AVE |
| Mailing Address: | Not reported |
| Mailing Name: | 5102154360 |
| Telephone: | CITY EL CERRITO - FIRE DEPT |
| Contact: | CAC001321208 |
| GEPAID: | 1999 |
| Year: | 1999 |
| TSD County: | EL CERRITO, CA 94530 |
| Mailing City,St,Zip: | 10890 SAN PABLO AVE |
| Mailing Address: | Not reported |
| Mailing Name: | 5102154360 |
| Telephone: | CITY EL CERRITO - FIRE DEPT |
| Contact: | CAC001321208 |
| GEPAID: | 1999 |
| Year: | 1999 |
| TSD County: | EL CERRITO, CA 94530 |
| Mailing City,St,Zip: | 10890 SAN PABLO AVE |
| Mailing Address: | Not reported |
| Mailing Name: | 5102154360 |
| Telephone: | CITY EL CERRITO - FIRE DEPT |
| Contact: | CAC001321208 |
| GEPAID: | 1999 |
| Year: | 1999 |
| TSD County: | EL CERRITO, CA 94530 |
| Mailing City,St,Zip: | 10890 SAN PABLO AVE |
| Mailing Address: | Not reported |
| Mailing Name: | 5102154360 |
| Telephone: | CITY EL CERRITO - FIRE DEPT |
| Contact: | CAC001321208 |
| GEPAID: | 1999 |
| Year: | 1999 |
| TSD County: | EL CERRITO, CA 94530 |
| Mailing City,St,Zip: | 10890 SAN PABLO AVE |
| Mailing Address: | Not reported |
| Mailing Name: | 5102154360 |
| Telephone: | CITY EL CERRITO - FIRE DEPT |
| Contact: | CAC001321208 |
| GEPAID: | 1999 |
| Year: | 1999 |
| TSD County: | EL CERRITO, CA 94530 |
| Mailing City,St,Zip: | 10890 SAN PABLO AVE |
| Mailing Address: | Not reported |
| Mailing Name: | 5102154360 |
| Telephone: | CITY EL CERRITO - FIRE DEPT |
| Contact: | CAC001321208 |
| GEPAID: | 1999 |
CITY EL CERRITO - FIRE DEPT (Continued)

Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .4795
Facility County: 7

envid: S112882254
Year: 1999
GEPaid: CAC001321208
Contact: CITY EL CERRITO - FIRE DEPT
Telephone: 5102154360
Mailing Name: Not reported
Mailing Address: 10890 SAN PABLO AVE
Mailing City,St,Zip: EL CERRITO, CA 945300000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 5.0000
Facility County: 7

C11
EL CERRITO PUBLIC SAFETY BLDG
SE 10900 SAN PABLO AVE
< 1/8
0.084 mi.
446 ft.
Site 4 of 10 in cluster C
Relative: Higher
69 ft.
Actual:

| Facility ID: | 770141 |
| Permitting Agency: | CONTRA COSTA COUNTY |
| Latitude: | 37.9174575 |
| Longitude: | -122.310029 |

C12
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN
SE 10900 SAN PABLO AVE
< 1/8
0.084 mi.
446 ft.
Site 5 of 10 in cluster C
Relative: Higher
69 ft.
Actual:

| Region: | STATE |
| Global Id: | T0601300737 |
| Latitude: | 37.916233 |
| Longitude: | -122.311359 |
| Case Type: | Not reported |
| Status: | Completed - Case Closed |
| Status Date: | 11/11/2003 |
| Lead Agency: | Not reported |
| Case Worker: | BGS |
| Local Agency: | Not reported |
| RB Case Number: | 07-0794 |
| LOC Case Number: | Not reported |
| File Location: | Regional Board |
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)

Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0601300737
Contact Type: Regional Board Caseworker
Contact Name: BARBARA SIEMINSKI
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: bsieminski@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0601300737
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: slloyd@hsd.co.contra-cost.ca.us
Phone Number: Not reported

Status History:
Global Id: T0601300737
Status: Completed - Case Closed
Status Date: 11/11/2003

Global Id: T0601300737
Status: Open - Case Begin Date
Status Date: 09/01/1999

Global Id: T0601300737
Status: Open - Site Assessment
Status Date: 10/26/1999

Global Id: T0601300737
Status: Open - Site Assessment
Status Date: 12/13/2001

Global Id: T0601300737
Status: Open - Site Assessment
Status Date: 04/30/2002

Global Id: T0601300737
Status: Open - Site Assessment
Status Date: 07/12/2002

Global Id: T0601300737
Status: Open - Verification Monitoring
Status Date: 09/22/2003

Regulatory Activities:
Global Id: T0601300737
Action Type: Other
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)

Date: 09/01/1999
Action: Leak Discovery
Global Id: T0601300737
Action Type: RESPONSE
Date: 04/22/2002
Action: Other Report / Document
Global Id: T0601300737
Action Type: Other
Date: 09/01/1999
Action: Leak Reported
Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 08/28/2001
Action: Staff Letter
Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 11/05/2001
Action: Staff Letter
Global Id: T0601300737
Action Type: Other
Date: 09/01/1999
Action: Leak Stopped
Global Id: T0601300737
Action Type: RESPONSE
Date: 07/01/2002
Action: Other Workplan
Global Id: T0601300737
Action Type: RESPONSE
Date: 01/10/2003
Action: Other Report / Document
Global Id: T0601300737
Action Type: RESPONSE
Date: 08/18/2003
Action: Other Report / Document
Global Id: T0601300737
Action Type: RESPONSE
Date: 10/24/2003
Action: Other Report / Document
Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 01/31/2003
Action: File review
Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 07/11/2002
Action: Staff Letter

S104566437
EL CERRITO CITY OF PUBLIC SAFETY BUILDING (Continued)

Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 01/10/2002
Action: Staff Letter

Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 07/12/2002
Action: Site Visit / Inspection / Sampling

Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 04/30/2002
Action: Staff Letter

Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 11/11/2003
Action: Closure/No Further Action Letter

Global Id: T0601300737
Action Type: ENFORCEMENT
Date: 07/31/2003
Action: Staff Letter

LUST REG 2:
Region: 2
Facility Id: 07-0794
Facility Status: Case Closed
Case Number: 70141
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 10/26/1999
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: 12/13/2001
Preliminary Site Assessment Began: 4/30/2002
Pollution Characterization Began: 7/12/2002
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 9/22/2003

SWEEPS UST:
Status: Active
Comp Number: 70141
Number: 9
Board Of Equalization: 44-002328
Referral Date: 06-20-88
Action Date: Not reported
Created Date: 07-22-88
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-070141-000001
Tank Status: A
Capacity: 10000
Active Date: 06-20-88
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)  S104566437

Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 1  

Status: Not reported  
Comp Number: 70141  
Number: Not reported  
Board Of Equalization: 44-002328  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 07-000-070141-000002  
Tank Status: Not reported  
Capacity: 2000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: 1

ENF:  
Region: 2  
Facility Id: 249410  
Agency Name: El Cerrito City  
Place Type: Facility  
Place Subtype: Not reported  
Facility Type: All other facilities  
Agency Type: City Agency  
# Of Agencies: 1  
Place Latitude: 37.915746  
Place Longitude: -122.311591  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: UST  
Program Category1: TANKS
EL CERRITO CITY OF PUBLIC SAFETY BUILDING (Continued)

Program Category2: TANKS
# Of Programs: 1
WDID: 2 07-0794
Reg Measure Id: 169157
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 249059
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 07/11/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 07-0794
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00
Region: 2
Facility Id: 249410
Agency Name: El Cerrito City
Place Type: Facility
| Place Subtype: | Not reported |
| Facility Type: | All other facilities |
| Agency Type: | City Agency |
| # Of Agencies: | 1 |
| Place Latitude: | 37.915746 |
| Place Longitude: | -122.311591 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UST |
| Program Category1: | TANKS |
| Program Category2: | TANKS |
| # Of Programs: | 1 |
| WDID: | 2 07-0794 |
| Reg Measure Id: | 169157 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/ Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)

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<td>Total $ Paid/Completed Amount:</td>
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| Region: | 2 |
| Facility Id: | 249410 |
| Agency Name: | El Cerrito City |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | All other facilities |
| Agency Type: | City Agency |
| # Of Agencies: | 1 |
| Place Latitude: | 37.915746 |
| Place Longitude: | -122.311591 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |

EDR ID Number: S104566437
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)  S104566437

Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 207-0794
Reg Measure Id: 169157
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 239398
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 01/10/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 07-0794
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00
Region: 2
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)

Facility Id: 249410
Agency Name: El Cerrito City
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: City Agency
# Of Agencies: 1
Place Latitude: 37.915746
Place Longitude: -122.311591
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 207-0794
Reg Measure Id: 169157
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)

WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 238603
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 11/05/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0794
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00
Region: 2
Facility Id: 249410
Agency Name: El Cerrito City
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: City Agency
# Of Agencies: 1
Place Latitude: 37.915746
Place Longitude: -122.311591
SIC Code 1: Not reported
SIC Desc 1: Not reported
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SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN

Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 2.07-0794
Reg Measure Id: 169157
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
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Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 237604
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 08/28/2001
Adoption/Issuance Date: Not reported
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Termination Date: Not reported
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EPL Issuance Date: Not reported
Status: Historical
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Description: Not reported
Program: UST
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Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)  S104566437

Total $ Paid/Completed Amount: 0.00

Region: 2
Facility Id: 249410
Agency Name: El Cerrito City
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: City Agency
# Of Agencies: 1
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Place Longitude: -122.311591
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SIC Desc 1: Not reported
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# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 207-0794
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Region: 2
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Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
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301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
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Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
EL CERRITO CITY OF PUBLIC SAFETY BUILDIN (Continued)

WDR Review - Rescind: Not reported
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Fee Code: Not reported
Direction/Voice: Passive
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Region: 2
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Adoption/Issuance Date: Not reported
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Termination Date: Not reported
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EPL Issuance Date: Not reported
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Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0794

CONTRA COSTA CO. SITE LIST:
Facility ID: 770141
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >10K-100K LBS, 20+ EMPLOYEES
Region: CONTRA COSTA

Facility ID: 770141
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA

Facility ID: 770141
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
### Map Findings

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<th>City of El Cerrito Public Safety Building UST Location</th>
<th>Haznet ID</th>
<th>EPA ID Number</th>
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<td>S113158467</td>
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#### C13 Site Details

- **Relative:** Higher
- **Actual:** 69 ft.
- **Distance:** 446 ft.
- **Site:** 6 of 10 in cluster C

**HAZNET:**

- **envid:** S113158467
- **Year:** 2012
- **G EPA ID:** CAL000351962
- **Contact:** WILLIAM (BILL) DRISCOLL
- **Telephone:** 5105597039
- **Mailing Name:** Not reported
- **Mailing Address:** 10890 San Pablo Ave
- **Mailing City, St, Zip:** EL CERRITO, CA 945302321
- **Gen County:** Contra Costa
- **TSD EPA ID:** CAD980884183
- **TSD County:** Sacramento
- **Waste Category:** Not reported
- **Disposal Method:** Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
- **Tons:** 0.65469
- **Facility County:** Contra Costa

**envid:** S113158467

- **Year:** 2012
- **G EPA ID:** CAL000351962
- **Contact:** WILLIAM (BILL) DRISCOLL
- **Telephone:** 5105597039
- **Mailing Name:** Not reported
- **Mailing Address:** 10890 San Pablo Ave
- **Mailing City, St, Zip:** EL CERRITO, CA 945302321
- **Gen County:** Contra Costa
- **TSD EPA ID:** CAD980884183
- **TSD County:** Sacramento
- **Waste Category:** Not reported
- **Disposal Method:** Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
- **Tons:** 0.02919
- **Facility County:** Contra Costa

**envid:** S113158467

- **Year:** 2012
- **G EPA ID:** CAL000351962
- **Contact:** WILLIAM (BILL) DRISCOLL
- **Telephone:** 5105597039
- **Mailing Name:** Not reported
- **Mailing Address:** 10890 San Pablo Ave
- **Mailing City, St, Zip:** EL CERRITO, CA 945302321
- **Gen County:** Contra Costa
- **TSD EPA ID:** NVT330010000
- **TSD County:** 99
- **Waste Category:** Not reported
- **Disposal Method:** Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
- **Tons:** 0.125
- **Facility County:** Contra Costa
### CITY OF EL CERRITO PUBLIC SAFETY BUILDING UST LOCTAION (Continued)

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### CITY OF EL CERRITO PUBLIC SAFETY BUILDING UST LOCTAION (Continued)

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<td>Waste Category</td>
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<td>Disposal Method</td>
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<td>Tons</td>
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**Click this hyperlink** while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.
**DESALVO CHIROPRACTIC (Continued)**

envid: S113051002  
Year: 1997  
GEPaid: CAL000076703  
Contact: DOUGLAS A DE SALVO  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 11100 SAN PABLO AVE STE 104  
Mailing City,St,Zip: EL CERRITO, CA 945300000  
Gen County: Not reported  
TSD EPA ID: CAL000121946  
TSD County: Not reported  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Tons: .0625  
Facility County: Riverside

envid: S113051002  
Year: 1996  
GEPaid: CAL000076703  
Contact: DOUGLAS A DE SALVO  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 11100 SAN PABLO AVE STE 104  
Mailing City,St,Zip: EL CERRITO, CA 945300000  
Gen County: Not reported  
TSD EPA ID: CAL000121946  
TSD County: Not reported  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Tons: .1459  
Facility County: Riverside

envid: S113051002  
Year: 1993  
GEPaid: CAL000076703  
Contact: DOUGLAS A DE SALVO  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 11100 SAN PABLO AVE STE 104  
Mailing City,St,Zip: EL CERRITO, CA 945300000  
Gen County: Not reported  
TSD EPA ID: CAD981161367  
TSD County: Not reported  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Tons: 2.07999999999  
Facility County: Riverside
C15  DOUGHERTY TRUCK LINES  HAZNET  S113043952
SE  10895 SAN PABLO AVENUE  N/A
< 1/8  EL CERRITO, CA  94530
0.096 mi.  Site 7 of 10 in cluster C
508 ft.  Relative: Higher
Relative:  HAZNET:
Higher  envid: S113043952
Year: 1993
Actual:  GEPAID: CAL000057048
Contact: DOUGHERTY TRUCK LINES
Telephone: 5102346025
Mailing Name: Not reported
Mailing Address: 10895 SAN PABLO AVENUE
Mailing City,St,Zip: EL CERRITO, CA 945300000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.20849999999
Facility County: 7

C16  DOHERTY’S TRUCK & AUTO RENTALS  UST  U003971243
SE  10895 SAN PABLO AVE  N/A
< 1/8  EL CERRITO, CA  94530
0.096 mi.  Site 8 of 10 in cluster C
508 ft.  Relative: Higher
Relative:  UST:
Higher  Facility ID: 770131
Permitting Agency: CONTRA COSTA COUNTY
Actual:  Latitude: 37.9168135
69 ft.  Longitude: -122.3104562

C17  DOHERTY’S RENTAL  LUST  S102428861
SE  10895 SAN PABLO AVE  N/A
< 1/8  EL CERRITO, CA  94530
0.096 mi.  Site 9 of 10 in cluster C
508 ft.  Relative: Higher
Relative:  LUST:
Higher  Region: STATE
Global Id: T06013000501
Latitude: 37.9154229
Longitude: -122.3104562
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 04/26/2002
Lead Agency: Not reported
Case Worker: BGS
Local Agency: Not reported
RB Case Number: 07-0541
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported
Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0601300501
Contact Type: Regional Board Caseworker
Contact Name: BARBARA SIEMINKI
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: bsloym@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Global Id: T0601300501
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Status History:
Global Id: T0601300501
Status: Completed - Case Closed
Status Date: 04/26/2002

Global Id: T0601300501
Status: Open - Case Begin Date
Status Date: 08/29/1989

Global Id: T0601300501
Status: Open - Site Assessment
Status Date: 06/22/1994

Global Id: T0601300501
Status: Open - Site Assessment
Status Date: 07/01/1997

Regulatory Activities:
Global Id: T0601300501
Action Type: Other
Date: 08/29/1989
Action: Leak Discovery

Global Id: T0601300501
Action Type: RESPONSE
Date: 04/12/2002
Action: Other Report / Document

Global Id: T0601300501
Action Type: Other
Date: 08/29/1989
Action: Leak Reported

Global Id: T0601300501
Action Type: Other
DOHERTY’S RENTAL (Continued)

Date: 08/29/1989
Action: Leak Stopped

Global Id: T0601300501
Action Type: RESPONSE
Date: 04/12/2002
Action: Preliminary Site Assessment Report

Global Id: T0601300501
Action Type: ENFORCEMENT
Date: 04/19/2002
Action: Site Visit / Inspection / Sampling

Global Id: T0601300501
Action Type: ENFORCEMENT
Date: 03/08/2002
Action: Staff Letter

Global Id: T0601300501
Action Type: ENFORCEMENT
Date: 12/12/2002
Action: Staff Letter

LUST REG 2:
Region: 2
Facility Id: 07-0541
Facility Status: Case Closed
Case Number: 70131
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 6/22/1994
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 7/1/1997
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 70131
Number: Not reported
Board Of Equalization: 44-002587
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 07-000-070131-000001
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
## DOHERTY'S RENTAL (Continued)

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### Status
- Not reported

### Comp Number
- 70131

### Number
- Not reported

### Board Of Equalization
- 44-002587

### Referral Date
- Not reported

### Action Date
- Not reported

### Created Date
- Not reported

### Owner Tank Id
- Not reported

### SWRCB Tank Id
- 07-000-070131-000002

### Tank Status
- Not reported

### Capacity
- 5000

### Active Date
- Not reported

### Tank Use
- M.V. FUEL

### STG
- PRODUCT

### Content
- REG UNLEADED

### Number Of Tanks
- Not reported

### ENF:
- Region: 2
- Facility Id: 221465
- Agency Name: Doherty’s Truck & Auto Rental
- Place Type: Facility
- Place Subtype: Not reported
- Facility Type: All other facilities
- Agency Type: Privately-Owned Business
- # Of Agencies: 1
- Place Latitude: 37.915528
- Place Longitude: -122.311602
- SIC Code 1: Not reported
- SIC Desc 1: Not reported
- SIC Code 2: Not reported
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DOHERTY’S RENTAL (Continued)  S102428861

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Region: 2
Facility Id: 221465
Agency Name: Doherty’s Truck & Auto Rental
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 37.915528
Place Longitude: -122.311602
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 2 07-0541
Reg Measure Id: 167688
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
DOHERTY'S RENTAL (Continued)

301H:
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 237769
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 09/13/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0541
Description: Not reported
Program: UST
Latest Milestone Completion Date: 11/28/2001
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0541

CONTRA COSTA CO. SITE LIST:
Facility ID: 770131
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: 1K-10K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Facility ID: 770131
Billing Status: INACTIVE, NON-BILLABLE
### DOHERTY’S RENTAL (Continued)

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### DOHERTY’S TRUCK & AUTO RENTAL

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### Site Information

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<th>Mailing Address</th>
<th>Mailing Name</th>
<th>Telephone</th>
<th>Contact</th>
<th>EPAID</th>
<th>Year</th>
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<th>envid</th>
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<td>10895 SAN PABLO AVE</td>
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<td>5102346025</td>
<td>BEATRICE DOHERTY</td>
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<td>BEATRICE DOHERTY/PRES-OWNER</td>
<td>5102346025</td>
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<td>5102346025</td>
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**HAZNET Data**

- **envid:** S113056196
- **Year:** 2003
- **GEPAID:** CAL000091582
- **Contact:** BEATRICE DOHERTY/PRES-OWNER
- **Telephone:** 5102346025
- **Mailing Name:** Not reported
- **Mailing Address:** 10895 SAN PABLO AVE
- **Mailing City, St, Zip:** EL CERRITO, CA 945302337
- **Gen County:** Not reported
- **TSD EPA ID:** CAD980887418
- **TSD County:** Not reported
- **Waste Category:** Unspecified oil-containing waste
- **Disposal Method:** Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
- **Tons:** 0.58
- **Facility County:** Contra Costa

- **envid:** S113056196
- **Year:** 1997
- **GEPAID:** CAL000091582
- **Contact:** BEATRICE DOHERTY
- **Telephone:** 5102346025
- **Mailing Name:** Not reported
- **Mailing Address:** 10895 SAN PABLO AVE
- **Mailing City, St, Zip:** EL CERRITO, CA 945302337
- **Gen County:** Not reported
- **TSD EPA ID:** CAT080013352
- **TSD County:** Not reported
- **Waste Category:** Unspecified organic liquid mixture
- **Disposal Method:** Recycler
- **Tons:** 1.66
- **Facility County:** Contra Costa

- **envid:** S113056196
- **Year:** 2007
- **GEPAID:** CAL000091582
- **Contact:** BEATRICE DOHERTY/PRES-OWNER
- **Telephone:** 5102346025
- **Mailing Name:** Not reported
- **Mailing Address:** 10895 SAN PABLO AVE
- **Mailing City, St, Zip:** EL CERRITO, CA 945302337
- **Gen County:** Not reported
- **TSD EPA ID:** CAD980887418
- **TSD County:** Not reported
- **Waste Category:** Unspecified oil-containing waste
- **Disposal Method:** Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
- **Tons:** 0.58
- **Facility County:** Contra Costa

**TC4412365.1s Page 39**
### DOHERTY’S TRUCK & AUTO RENTAL (Continued)

<table>
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<th>Elevation</th>
<th>MAP FINDINGS</th>
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**Site: ESE 6400 MANILA AVENUE**

- **Gen County:** Not reported
- **TSD EPA ID:** CAD980887418
- **TSD County:** Not reported
- **Waste Category:** Aqueous solution with total organic residues less than 10 percent
- **Disposal Method:** Transfer Station
- **Tons:** 0.2293
- **Facility County:** 7

**envid:** S113056196

- **Year:** 1997
- **GEPAID:** CAL000091582
- **Contact:** BEATRICE DOHERTY
- **Telephone:** 5102346025
- **Mailing Name:** Not reported
- **Mailing Address:** 10895 SAN PABLO AVE
- **Mailing City,St,Zip:** EL CERRITO, CA 945302337
- **TSD County:** CAD980887418
- **TSD EPA ID:** Not reported

**Site: **

- **Gen County:** EL CERRITO, CA 00000
- **TSD EPA ID:** CAT080013352
- **TSD County:** Not reported
- **Waste Category:** Tank bottom waste
- **Disposal Method:** Recycler
- **Tons:** 0.4170
- **Facility County:** 7

**envid:** S113056196

- **Year:** 1996
- **GEPAID:** CAL000091582
- **Contact:** BEATRICE DOHERTY
- **Telephone:** 5102346025
- **Mailing Address:** 10895 SAN PABLO AVE
- **Mailing City,St,Zip:** EL CERRITO, CA 945302337
- **TSD County:** CAD980887418
- **TSD EPA ID:** Not reported

**Site:**

- **Gen County:** DOHERTY'S TRUCK & AUTO RENTAL
- **TSD EPA ID:** CAC000965344
- **TSD County:** Not reported
- **Waste Category:** Aqueous solution with total organic residues less than 10 percent
- **Disposal Method:** Transfer Station
- **Tons:** 0.1876
- **Facility County:** 7

**envid:** S112856867

- **Year:** 1994
- **GEPAID:** CAC000965344
- **Contact:** STATE OF CALIF/DMV
- **Telephone:** 0000000000
- **Mailing Name:** Not reported
- **Mailing Address:** 6400 MANILA AVENUE
- **Mailing City,St,Zip:** EL CERRITO, CA 0000000000

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[Click this hyperlink](http://example.com) while viewing on your computer to access additional CA_HAZNET: record(s) in the EDR Site Report.
STATE OF CA - DEPT. MOTOR VEHICLES (Continued)

Gen County: Not reported
TSD EPA ID: CAL000027741
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 55.6248
Facility County: 7

evid: S112856867
Year: 1994
GEPAID: CAC000965344
Contact: STATE OF CALIF/DMV
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 6400 MANILA AVENUE
Mailing City,St,Zip: EL CERRITO, CA 0000000000
Gen County: Not reported
TSD EPA ID: NYN200000044
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCBs
Disposal Method: Recycler
Tons: .9124
Facility County: 7

evid: S112856867
Year: 1994
GEPAID: CAC000965344
Contact: STATE OF CALIF/DMV
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 6400 MANILA AVENUE
Mailing City,St,Zip: EL CERRITO, CA 0000000000
Gen County: Not reported
TSD EPA ID: NYN200000044
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Treatment, Incineration
Tons: .0000
Facility County: 7

---

EL CERRITCO STEEL
1424 KEARNEY ST
EL CERRITO, CA 94530

CONTRA COSTA CO. SITE LIST
S102260893
N/A

20 North
< 1/8
0.112 mi.
593 ft.

Relative: Higher
Actual: 62 ft.

CONTRA COSTA CO. SITE LIST:
Facility ID: 772190
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMFP: LESS THAN 1000 LBS
Region: CONTRA COSTA

Facility ID: 772190
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG GENERAL
Region: CONTRA COSTA
Site 1 of 3 in cluster D

Relative: Higher
Actual: 68 ft.

LUST:
Region: STATE
Global Id: T0601300718
Latitude: 37.91548
Longitude: -122.311699
Status: Completed - Case Closed
Status Date: 05/19/2000
Lead Agency: Not reported
Case Worker: BGS
Local Agency: Not reported
RB Case Number: 07-0772
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

Contact:
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: slloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Global Id: T0601300718
Contact Type: Regional Board Caseworker
Contact Name: BARBARA SIEMINSKI
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: bsieminski@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0601300718
Status: Completed - Case Closed
Status Date: 05/19/2000

Global Id: T0601300718
Status: Open - Case Begin Date
Status Date: 12/07/1998

Global Id: T0601300718
Status: Open - Site Assessment
Status Date: 04/05/1999
COMMERCIAL (Continued)

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D22

ESTATE OF LAILA JAMMAL

SE

10879 SAN PABLO AVE

RICHMOND, CA 94530

< 1/8

0.123 mi.

647 ft.

Site 2 of 3 in cluster D

Relative: Higher

Actual: 68 ft.

HAZNET:

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<td>13.3440</td>
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envi: S112897358

Year: 1999

GEPAID: CAC002105048
ESTATE OF LAILA JAMMAL (Continued)  S112897358

Contact: ESTATE OF LAILA JAMMAL
Telephone: 9256251616
Mailing Name: Not reported
Mailing Address: 10879 SAN PABLO AVE
Mailing City,St,Zip: RICHMOND, CA 945300000
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 15.1704
Facility County: 7

envid: S112897358
Year: 1999
GEPAID: CAC002105048
Contact: ESTATE OF LAILA JAMMAL
Telephone: 9256251616
Mailing Name: Not reported
Mailing Address: 10879 SAN PABLO AVE
Mailing City,St,Zip: RICHMOND, CA 945300000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: .1751
Facility County: 7

envid: S112897358
Year: 1998
GEPAID: CAC002105048
Contact: ESTATE OF LAILA JAMMAL
Telephone: 9256251616
Mailing Name: Not reported
Mailing Address: 10879 SAN PABLO AVE
Mailing City,St,Zip: RICHMOND, CA 945300000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 9.6535
Facility County: 7

envid: S112897358
Year: 1998
GEPAID: CAC002105048
Contact: ESTATE OF LAILA JAMMAL
Telephone: 9256251616
Mailing Name: Not reported
Mailing Address: 10879 SAN PABLO AVE
Mailing City,St,Zip: RICHMOND, CA 945300000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
### Map Findings

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### ESTATE OF LAILA JAMMAL (Continued)

- **Disposal Method:** Recycler
- **Tons:** 1.6000
- **Facility County:** 7

*Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.*

---

### D23 COMMERCIAL

- **LUST REG 2:**
  - **Region:** 2
  - **Facility Id:** 07-0772
  - **Facility Status:** Case Closed
  - **Case Number:** 72748
  - **How Discovered:** Tank Closure
  - **Leak Cause:** UNK
  - **Leak Source:** UNK
  - **Date Leak Confirmed:** 4/5/1999
  - **Oversight Program:** LUST
  - **LUST REGION Wokplan Submitted:** Not reported
  - **Preliminary Site Assessment Begun:** Not reported
  - **Pollution Characterization Begun:** Not reported
  - **Pollution Remediation Plan Submitted:** Not reported
  - **Date Remediation Action Underway:** Not reported
  - **Date Post Remedial Action Monitoring Begun:** Not reported

### ENF

- **Region:** 2
- **Facility Id:** 218137
- **Agency Name:** Commercial
- **Place Type:** Facility
- **Place Subtype:** Not reported
- **Facility Type:** All other facilities
- **Agency Type:** Privately-Owned Business
- **# Of Agencies:** 1
- **Place Latitude:** Not reported
- **Place Longitude:** Not reported
- **SIC Code 1:** Not reported
- **SIC Desc 1:** Not reported
- **SIC Code 2:** Not reported
- **SIC Desc 2:** Not reported
- **SIC Code 3:** Not reported
- **SIC Desc 3:** Not reported
- **NAICS Code 1:** Not reported
- **NAICS Desc 1:** Not reported
- **NAICS Code 2:** Not reported
- **NAICS Desc 2:** Not reported
- **NAICS Code 3:** Not reported
- **NAICS Desc 3:** Not reported
- **# Of Places:** 1
- **Source Of Facility:** Reg Meas
- **Design Flow:** Not reported
- **Threat To Water Quality:** Not reported
COMMERCIAL (Continued)

Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 2 07-0772
Reg Measure Id: 168523
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 236338
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 01/12/2000
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0772
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
COMMERCIAL (Continued)

Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00
Region: 2
Facility Id: 218137
Agency Name: Commercial
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 2 07-0772
Reg Measure Id: 168523
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
COMMERCIAL (Continued)

WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 236335
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 09/02/1999
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0772
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00

CNTY OF CONTRA COSTA, BUILDING MAINT
1001 S 57TH ST
RICHMOND, CA 94804

Relative: Lower
Actual: 51 ft.

HAZNET:
envid: S112923184
Year: 2003
GEPAID: CAC002553739
Contact: ROYLAND HINDSMAN
Telephone: 9253137077
Mailing Name: Not reported
Mailing Address: 2467 WATERBIRD WY
Mailing City,St,Zip: MARTINEZ, CA 94553
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.84
Facility County: Contra Costa

envid: S112923184
### CNTY OF CONTRA COSTA, BUILDING MAINT (Continued)

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---

### STATIC ELECTRIC, INC.

**1490 KEARNEY ST**

**EL CERRITO, CA 94530**

**SWEEPS UST**

**HIST UST**

**U001596722**

**CONTRA COSTA CO. SITE LIST**

**0.173 mi. 911 ft. 1/8-1/4**

**Relative:**

**Lower**

**Actual:**

**61 ft.**

**SWEEPS UST:**

- **Status:** Not reported
- **Comp Number:** 8507
- **Number:** Not reported
- **Board Of Equalization:** Not reported
- **Referral Date:** Not reported
- **Action Date:** Not reported
- **Created Date:** Not reported
- **Owner Tank Id:** Not reported
- **SWRCB Tank Id:** 07-000-009507-000001
- **Tank Status:** Not reported
- **Capacity:** 1000
- **Active Date:** Not reported
- **Tank Use:** M.V. FUEL
- **STG:** PRODUCT
- **Content:** REG UNLEADED
- **Number Of Tanks:** 1

**HIST UST:**

- **Region:** STATE
STATIC ELECTRIC, INC. (Continued)

Facility ID: 00000008507
Facility Type: Other
Other Type: ELECTRICAL CONTRACTO
Contact Name: DOUGLAS H. WATSON
Telephone: 4152330777
Owner Name: STATIC ELECTRIC, INC.
Owner Address: 1490 KEARNEY ST.
Owner City,St,Zip: EL CERRITO, CA 94530
Total Tanks: 0001

Tank Num: 001
Container Num: 257543
Year Installed: 1965
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

CONTRA COSTA CO. SITE LIST:
Facility ID: 708507
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA

E26 EL CERRITO MILL & LUMBER CO
SE 10812 SAN PABLO AVE
EL CERRITO, CA 94530
0.201 mi.
1059 ft.
Site 1 of 6 in cluster E

Relative: Higher
Actual: 69 ft.

CONTRA COSTA CO. SITE LIST:
Facility ID: 773909
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP GENERAL
Region: CONTRA COSTA

Facility ID: 707736
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: 1K-10K LBS, 20+ EMPLOYEES
Region: CONTRA COSTA

Facility ID: 707736
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: REPORTED ZERO
Region: CONTRA COSTA

Facility ID: 707736
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
E27  EL CERRITO MILL AND LUMBER  ENVIROSTOR  S112889167
SE  10812 SAN PABLO AVENUE  VCP  N/A
1/8-1/4
0.201 mi.  HAZNET
0.049 mi.  69 ft.
1059 ft.  Site 2 of 6 in cluster E

Relative: Higher
Actual: 69 ft.

ENVIROSTOR:
Facility ID: 7240025
Status: Certified
Status Date: 08/02/2004
Site Code: 201385
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 4.1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Ryan Miya
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.91460
Longitude: -122.3080
APN: 503-010-005, 503-010-011, 503-020-005, 503-020-006, 503-121-001, 503-121-002, 503-130-016, 503130016
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC: Arsenic Benzene Lead TPH-diesel TPH-MOTOR OIL
Confirmed COC: Arsenic Benzene Lead TPH-diesel TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported
Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 7240025
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
EL CERRITO MILL AND LUMBER (Continued)  S112889167

Acres: 4.1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Ryan Miya
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Site Code: 201395
Assembly: 15
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 08/02/2004
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.91460 / -122.3080
APN: 503-010-005, 503-010-011, 503-020-005, 503-020-006, 503-121-001, 503-121-002, 503-130-016, 503130016
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC: 30001, 30003, 30013, 30024, 3002502
Confirmed COC: 30001,30003,30013,30024,3002502
Potential Description: OTH, SOIL
Alias Name: Not reported
Alias Type: Not reported
Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:
evaid: S112889167
Year: 1998
GEPAID: CAC001410848
Contact: JACK FREETHY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 10812 SAN PABLO
Mailing City,St,Zip: EL CERRITO, CA 945300000
Gen County: Not reported
TSID EPA ID: CAD009466392
TSID County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
EL CERRITO MILL AND LUMBER (Continued)  S112889167

Tons: .2500
Facility County: 7

E28  EL CERRITO MILL & LUMBER CO  HIST UST  U001596712
SE  10812 SAN PABLO AVE  N/A
1/8-1/4  EL CERRITO, CA  94530
0.201 mi.  N/A
1059 ft.  E28
Site 3 of 6 in cluster E
Relative: HIST UST:
Higher  REGION:
Actual:  STATE
69 ft.

Facility ID: 00000067321
Facility Type: Other
Other Type: LUMBER YARD & MILL
Contact Name: ELMER J. FREETHY
Telephone: 4155250220
Owner Name: EL CERRITO MILL & LUMBER CO
Owner Address: 10812 SAN PABLO AVE
Owner City, St, Zip: EL CERRITO, CA 94530
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1948
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: 2
Container Construction Thickness: X
Leak Detection: Visual

E29  MARSHALLS 0496  CONTRA COSTA CO. SITE LIST  S117047868
SE  10794 SAN PABLO AVE  N/A
1/8-1/4  EL CERRITO, CA  94530
0.222 mi.  N/A
1174 ft.  E29
Site 4 of 6 in cluster E
Relative: CONTRA COSTA CO. SITE LIST:
Higher  REGION:
Actual:  STATE
70 ft.

Facility ID: 774829
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA

E30  S & T SERVICE  CONTRA COSTA CO. SITE LIST  S106229886
SSE  10793 SAN PABLO AVE  N/A
1/8-1/4  EL CERRITO, CA  94530
0.245 mi.  N/A
1291 ft.  E30
Site 5 of 6 in cluster E
Relative: LUST:
Higher  REGION:
Actual:  STATE
67 ft.

Global Id: T0601347816
Latitude: 37.913467
Longitude: -122.310613
Case Type: Not reported
### S & T SERVICE (Continued)

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<th>City</th>
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<tr>
<td>T0601347816</td>
<td>Local Agency Caseworker</td>
<td>PAUL ANDREWS</td>
<td>CONTRA COSTA CO. ENVIR. HEALTH DIV.</td>
<td>4333 PACHECO BOULEVARD</td>
<td>MARTINEZ</td>
<td><a href="mailto:pandrews@hsd.co.contra-costa.ca.us">pandrews@hsd.co.contra-costa.ca.us</a></td>
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<td>T0601347816</td>
<td>Regional Board Caseworker</td>
<td>BARBARA SIEMINSKI</td>
<td>SAN FRANCISCO BAY RWQCB (REGION 2)</td>
<td>1515 CLAY STREET, SUITE 1400</td>
<td>OAKLAND</td>
<td><a href="mailto:bsieminski@waterboards.ca.gov">bsieminski@waterboards.ca.gov</a></td>
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### Status:
- Completed - Case Closed
- Open - Case Begin Date
- Open - Site Assessment

### Site History:
- Not reported

### Potential Contaminants of Concern:
- Gasoline
- Other Groundwater (uses other than drinking water)

### Potential Media Affect:
- Not reported

### File Location:
- Not reported

### Loc Case Number:
- 07-0845

### RB Case Number:
- Not reported

### Lead Agency:
- Not reported

### Case Worker:
- BGS

### Local Agency:
- Not reported

### Status Date:
- 05/26/2004
- 03/04/2004
- 03/05/2004
- 03/29/2004

### City:
- OAKLAND
- MARTINEZ

### Address:
- 1515 CLAY STREET, SUITE 1400
- 4333 PACHECO BOULEVARD

### Organization Name:
- CONTRA COSTA CO. ENVIR. HEALTH DIV.
- SAN FRANCISCO BAY RWQCB (REGION 2)

### Email:
- pandrews@hsd.co.contra-costa.ca.us
- bsieminski@waterboards.ca.gov

### Phone Number:
- Not reported

---

Click here to access the California GeoTracker records for this facility:
S & T SERVICE (Continued)

Regulatory Activities:

Global Id: T0601347816  
Action Type: Other  
Date: 12/16/2003  
Action: Leak Discovery

Global Id: T0601347816  
Action Type: ENFORCEMENT  
Date: 05/26/2004  
Action: Closure/No Further Action Letter

Global Id: T0601347816  
Action Type: Other  
Date: 02/09/2004  
Action: Leak Reported

Global Id: T0601347816  
Action Type: Other  
Date: 12/16/2004  
Action: Leak Stopped

Global Id: T0601347816  
Action Type: ENFORCEMENT  
Date: 05/18/2004  
Action: * Verbal Communication

Global Id: T0601347816  
Action Type: RESPONSE  
Date: 07/02/2004  
Action: Other Report / Document

Global Id: T0601347816  
Action Type: ENFORCEMENT  
Date: 04/02/2004  
Action: Staff Letter

LUST REG 2:
Region: 2  
Facility Id: 07-0845  
Facility Status: Case Closed  
Case Number: Not reported  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: UNK  
Date Leak Confirmed: 3/29/2004  
Oversight Program: LUST  
Preliminary Site Assessment Began: 3/5/2004  
Pollution Characterization Began: 5/10/2004  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

CONTRA COSTA CO. SITE LIST:
Facility ID: 771097
S & T SERVICE (Continued)  
**EDR ID Number**: S106229886

**Site Elevation**: 1291 ft. Site 6 of 6 in cluster E

**Relative**: Higher
**Actual**: 67 ft.

**Region**: CONTRA COSTA
**Program/Elements**: HWG: REPORTED ZERO

**Billing Status**: INACTIVE, NON-BILLABLE
**Program Status**: CONTRA COSTA CO. SITE LIST
**Program/Elements**: HWG: REPORTED ZERO

---

**E31**
**TECKNICA AUTO**
**CONTRA COSTA CO. SITE LIST**  
**Ed: 10793 SAN PABLO AVE**  
**El: EL CERRITO**  
**Ca: 94530**

**Facility ID**: 773262
**Billing Status**: ACTIVE, BILLABLE

**Region**: CONTRA COSTA
**Program/Elements**: CONTRA COSTA CO. SITE LIST

---

**32**
**DEL NORTE CLEANERS**
**ENVIROSTOR**  
**Nnw: 11299 SAN PABLO AVENUE**  
**El: EL CERRITO**  
**Ca: 94530**

**Facility ID**: 60001445
**Status**: Active
**Status Date**: 04/15/2011
**Site Code**: 201907
**Site Type**: Voluntary Cleanup
**Site Type Detailed**: Voluntary Cleanup
**Acres**: 2.32
**NPL**: NO
**Regulatory Agencies**: SMBRP

---

**Lead Agency**: SMBRP
**Program Manager**: Milly Pekke
**Supervisor**: Daniel Murphy
**Division Branch**: Cleanup Berkeley
**Assembly**: 15
**Senate**: 09
**Special Program**: Not reported
**Restricted Use**: NO
**Site Mgmt Req**: NONE SPECIFIED
**Funding**: Responsible Party
DEL NORTE CLEANERS (Continued)

Latitude: 37.92001
Longitude: -122.3156
APN: NONE SPECIFIED
Past Use: DRY CLEANING
Potential COC: Perchlorate Tetrachloroethylene (PCE) Trichloroethylene (TCE) Acetone
Methylene chloride Toluene 1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene Xylenes
Confirmed COC: 30017-NO 1,3,5-Trimethylbenzene Tetrachloroethylene (PCE) Acetone
Methylene chloride Toluene Xylenes 1,2,4-Trimethylbenzene
Trichloroethylene (TCE)
Potential Description: OTH, SOIL, SV
Alias Name: 201907
Alias Type: Project Code (Site Code)
Alias Name: 60001445
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/01/2012
Comments: The well was purged and sampled on March 1, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 05/17/2012
Comments: RI Report approved 5/17/2012 and recommended further investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/23/2012
Comments: Workplan approved on 8/21/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/21/2013
Comments: Volatile Organic Compound concentrations in soil gas and groundwater beneath the site continue to be of concern to DTSC as they may pose potential impacts to indoor-air quality. Therefore, the DTSC requests further investigation in the vicinity of the former dry-cleaners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/02/2012
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/18/2012
Comments: Fieldwork was completed 12/18/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
The soil gas sample collected at 5.0 feet in depth during this sampling event showed a PCE concentration (4,500 ug/m^3) which is above the environmental screening level (ESL) of 2,100 ug/m^3 for migration of contamination down gradient.
vapor intrusion concerns in commercial land use settings. In order to confirm this result, Gribi Associates will conduct another soil gas sampling event.

<table>
<thead>
<tr>
<th>Completed Date:</th>
<th>Completed Document Type:</th>
<th>Completed Sub Area Name:</th>
<th>Completed Area Name:</th>
<th>Comments:</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/13/2012</td>
<td>Annual Oversight Cost Estimate</td>
<td>Not reported</td>
<td>PROJECT WIDE</td>
<td>Completed 9/13/2012</td>
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<tr>
<td>10/01/2014</td>
<td>Annual Oversight Cost Estimate</td>
<td>Not reported</td>
<td>PROJECT WIDE</td>
<td>Cost Estimates Cover Letter for FSY 2014/2015</td>
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<td>09/04/2013</td>
<td>Annual Cost Estimates and Schedule for fiscal year 2013-2014 sent on 9/4/2013</td>
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<td>09/17/2012</td>
<td>Amendment - Order/Agreement</td>
<td>Not reported</td>
<td>PROJECT WIDE</td>
<td>Completed.</td>
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<td>05/13/2011</td>
<td>Other Report</td>
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<td>06/16/2011</td>
<td>Preliminary Endangerment Assessment Workplan</td>
<td>Not reported</td>
<td>PROJECT WIDE</td>
<td>RP Draft was changed to RP final.</td>
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<tr>
<td>06/27/2011</td>
<td>Remedial Investigation Workplan</td>
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<td>11/08/2011</td>
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sampling event.
DEL NORTE CLEANERS (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/19/2011
Comments: Fieldwork was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/07/2011
Comments: Review completed 9 8 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/22/2012
Comments: Completed 2/22/2012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/28/2011
Comments: The VCA has been signed by both parties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/04/2014
Comments: DTSC requested for at least one more round of sampling to confirm that the vinyl chloride is degrading and that the chlorinated solvent concentrations remain below actionable levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/18/2014
Comments: Fieldwork was on June 18, 2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 09/12/2014
Comments: Further investigations required due to increased soil gas concentrations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/27/2015
Comments: DTSC recommends another round of sampling to include evidence of degradation of Vinyl chloride in groundwater.

Completed Area Name: PROJECT WIDE
## DEL NORTE CLEANERS (Continued)

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<tbody>
<tr>
<td>Completed Document Type:</td>
<td>Pilot/Treatability Study Report</td>
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<td>Completed Date:</td>
<td>09/12/2014</td>
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<tr>
<td>Comments:</td>
<td>The most recent data showing increased soil vapor concentrations warrant further investigations.</td>
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<tr>
<td>Future Area Name:</td>
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<td>Schedule Due Date:</td>
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<td>Schedule Revised Date:</td>
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<td>Schedule Sub Area Name:</td>
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<tr>
<td>Schedule Sub Area Name:</td>
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<tr>
<td>Schedule Revised Date:</td>
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<td>08/10/2015</td>
</tr>
<tr>
<td>Schedule Revised Date:</td>
<td>05/11/2016</td>
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**VCP:**

- **Facility ID:** 60001445
- **Site Type:** Voluntary Cleanup
- **Site Type Detail:** Voluntary Cleanup
- **Site Mgmt. Req.:** NONE SPECIFIED
- **Acres:** 2.32
- **National Priorities List:** NO
- **Cleanup Oversight Agencies:** SMBRP
- **Lead Agency:** SMBRP
- **Lead Agency Description:** DTSC - Site Cleanup Program
- **Project Manager:** Milly Pekke
- **Supervisor:** Daniel Murphy
- **Division Branch:** Cleanup Berkeley
- **Site Code:** 201907
- **Assembly:** 15
- **Senate:** 09
- **Special Programs Code:** Not reported
- **Status:** Active
- **Status Date:** 04/15/2011
- **Restricted Use:** NO
- **Funding:** Responsible Party
- **Lat/Long:** 37.92001 / -122.3156
### DEL NORTE CLEANERS (Continued)

**APN:** NONE SPECIFIED  
**Past Use:** DRY CLEANING  
**Potential COC:** 30017, 30022, 30027, 30032, 30384, 30550, 30577, 30578, 30593  
**Confirmed COC:** 30017-NO, 30578, 30022, 30032, 30384, 30550, 30593, 30577, 30027  
**Potential Description:** OTH, SOIL, SV  
**Alias Name:** 60001445  
**Alias Type:** Project Code (Site Code)  
**Alias Name:** 201907  
**Alias Type:** Envirostor ID Number  

**Completed Info:**  
**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Fieldwork  
**Completed Date:** 03/01/2012  
**Comments:** The well was purged and sampled on March 1, 2012.

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Remedial Investigation Report  
**Completed Date:** 05/17/2012  
**Comments:** RI Report approved 5/17/2012 and recommended further investigations.

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Site Characterization Workplan  
**Completed Date:** 08/23/2012  
**Comments:** Workplan approved on 8/21/2012.

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Site Characterization Report  
**Completed Date:** 03/21/2013  
**Comments:** Volatile Organic Compound concentrations in soil gas and groundwater beneath the site continue to be of concern to DTSC as they may pose potential impacts to indoor-air quality. Therefore, the DTSC requests further investigation in the vicinity of the former dry-cleaners.

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Remedial Investigation Report  
**Completed Date:** 08/02/2012  
**Comments:** Approved.

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Fieldwork  
**Completed Date:** 12/18/2012  
**Comments:** Fieldwork was completed 12/18/2012.

**Completed Area Name:** PROJECT WIDE  
**Completed Sub Area Name:** Not reported  
**Completed Document Type:** Site Characterization Workplan  
**Completed Date:** 04/19/2013  
**Comments:** This workplan proposes: (1) The collection of two soil gas samples near the former dry cleaning machine on the Site at 5 feet and 8.5 feet; The objective is to evaluate if PCE concentrations in soil gas are still at levels that pose a health risk via indoor air Vapor (2)
The installation, development, and sampling of one additional groundwater monitoring well down gradient on the Site; to evaluate migration of contamination down gradient.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/17/2013
Comments: The revisions adequately address DTSC comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/06/2013
Comments: No document required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 09/26/2013
Comments: The revised plan adequately addressed DTSC comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/20/2014
Comments: Groundwater monitoring well MW-6 and injection well IW-1 were installed on October 28 and 29, 2013, and all seven site wells were purged and sampled on December 19, 2013. New wells MW-6 and IW-1 were surveyed on January 7, 2014. Soil gas sampling was conducted on January 20, 2014. No document is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/13/2014
Comments: Report Approved June 13 2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 05/23/2014
Comments: The soil gas sample collected at 5.0 feet in depth during this sampling event showed a PCE concentration (4,500 ug/m^3) which is above the environmental screening level (ESL) of 2,100 ug/m^3 for vapor intrusion concerns in commercial land use settings. In order to confirm this result, Gribi Associates will conduct another soil gas sampling event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
### DEL NORTE CLEANERS (Continued)

<table>
<thead>
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<th>Completed Document Type</th>
<th>Completed Date</th>
<th>Comments</th>
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<tr>
<td>Annual Oversight Cost Estimate</td>
<td>09/13/2012</td>
<td>Completed 9/13/2012</td>
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<td>Annual Oversight Cost Estimate</td>
<td>10/01/2014</td>
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<tr>
<td>Cost Estimates Cover Letter for FSY 2014/2015</td>
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<tr>
<td>Amendment - Order/Agreement</td>
<td>09/17/2012</td>
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<td>Completed</td>
<td>06/16/2011</td>
<td>RP Draft was changed to RP final.</td>
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<td>Preliminary Endangerment Assessment Workplan</td>
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<td>Remedial Investigation Workplan</td>
<td>06/27/2011</td>
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<tr>
<td>Remedial Investigation / Feasibility Study</td>
<td>11/08/2011</td>
<td>Additional work was required therefore a workplan was submitted as a different activity—“Workplan to Install and Sample Groundwater Monitoring Well”.</td>
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<td>Remedial Investigation / Feasibility Study</td>
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<td></td>
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<tr>
<td>Remedial Investigation / Feasibility Study</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The VCA has been signed by both parties.

Further investigations required due to increased soil gas concentrations.

DTSC recommends another round of sampling to include evidence of degradation of Vinyl chloride in groundwater.

The most recent data showing increased soil vapor concentrations warrant further investigations.
DEL NORTE CLEANERS (Continued)

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2016
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2017
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Fact Sheets
Schedule Due Date: 12/14/2015
Schedule Revised Date: 07/15/2016
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 08/10/2015
Schedule Revised Date: 05/11/2016
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: CEQA - Notice of Exemption
Schedule Due Date: 01/05/2016
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 12/28/2015
Schedule Revised Date: Not reported

DRYCLEANERS:

EPA Id: CAL000121968
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 04/22/1994
Facility Active: No
Inactive Date: 06/30/2006
Facility Addr2: Not reported
Owner Name: AHMAD ENFERADI
Owner Address: 11299 SAN PABLO AVE SUITE G
Owner Address 2: Not reported
Owner Telephone: 5102334000
Contact Name: AHMAD ENFERADI
Contact Address: PO BOX 1227
Contact Address 2: Not reported
Contact Telephone: 5102334000
Mailing Name: Not reported
Mailing Address 1: 11299 SAN PABLO AVE SUITE G
Mailing Address 2: Not reported
Mailing City: EL CERRITO
Mailing State: CA
Mailing Zip: 945300000
Owner Fax: Not reported
Region Code: Not reported
F33  SUNSHINE CLEANERS & COIN LAUND
SE  10750 SAN PABLO AVENUE
1/4-1/2  EL CERRITO, CA  94530
0.270 mi.  Site 1 of 2 in cluster F
1427 ft.  Site 1 of 2 in cluster F

ENVIROSTOR:
Facility ID:  60002171
Status:  Active
Status Date:  04/01/2015
Site Code:  202033
Site Type:  Voluntary Cleanup
Site Type Detailed:  Voluntary Cleanup
Acres:  0.38
NPL:  NO
Regulatory Agencies:  SMBRP
Lead Agency:  SMBRP
Program Manager:  Milly Pekke
Supervisor:  Daniel Murphy
Division Branch:  Cleanup Berkeley
Assembly:  15
Senate:  09
Special Program:  Not reported
Restricted Use:  NO
Site Mgmt Req:  NONE SPECIFIED
Funding:  Responsible Party
Latitude:  37.91398
Longitude:  -122.3092
APN:  503121022
Past Use:  DRY CLEANING, LAUNDRY SERVICES
Potential COC:  Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
1,2-Dichloroethylene (cis
Confirmed COC:  Tetrachloroethylene (PCE TPH-gas 1,2-Dichloroethylene (cis Trichloroethylene (TCE
Potential Description:  IA, SOIL, SV
Alias Name:  503121022
Alias Type:  APN
Alias Name:  202033
Alias Type:  Project Code (Site Code)
Alias Name:  60002171
Alias Type:  Envirostor ID Number

Completed Info:
Completed Area Name:  Not reported
Completed Sub Area Name:  Not reported
Completed Document Type:  Not reported
Completed Date:  Not reported
Comments:  Not reported

Future Area Name:  Not reported
Future Sub Area Name:  Not reported
Future Document Type:  Not reported
Future Due Date:  Not reported
Schedule Area Name:  Not reported
Schedule Sub Area Name:  Not reported
Schedule Document Type:  Not reported
Schedule Due Date:  Not reported
Schedule Revised Date:  Not reported
SUNSHINE CLEANERS & COIN LAUND (Continued) 1001610627

VCP:

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<td>Site Mgmt. Req.:</td>
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<td>Acres:</td>
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</table>

| National Priorities List: | NO |
| Clean-up Oversight Agencies: | SMBRP |

| Lead Agency: | SMBRP |
| Project Manager: | Milly Pekke |
| Supervisor: | Daniel Murphy |
| Division Branch: | Cleanup Berkeley |

| Site Code: | 202033 |
| Assembly: | , 15 |
| Senate: | , 09 |

| Special Programs Code: | Not reported |
| Status: | Active |
| Status Date: | 04/01/2015 |

| Restricted Use: | NO |
| Funding: | Responsible Party |
| Lat/Long: | 37.91398 / -122.3092 |
| APN: | 503121022 |

Past Use: DRY CLEANING, LAUNDRY SERVICES

Potential COC: 30022, 30025, 30027, 30195
Confirmed COC: 30022, 30025, 30195, 30027

Potential Description: IA, SOIL, SV
Alias Name: 503121022
Alias Type: APN
Alias Name: 202033
Alias Type: Project Code (Site Code)
Alias Name: 60002171
Alias Type: Envirostor ID Number

Completed Info:

| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |

| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

DRYCLEANERS:

| EPA Id: | CAD076538016 |
| NAICS Code: | 81232 |
| NAICS Description: | Drycleaning and Laundry Services (except Coin-Operated) |
| SIC Code: | 7211 |
| SIC Description: | Power Laundries, Family and Commercial |
### SUNSHINE CLEANERS & COIN LAUND (Continued)

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<td>10750 SAN PABLO AVE</td>
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<tr>
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<td>1035 KEY ROUTE BLVD</td>
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SUNSHINE CLEANERS & COIN LAUND (Continued) 1001610627
SUNSHINE CLEANERS & COIN LAUND (Continued) 1001610627

Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
County Code: 7
Air Basin: SF
Facility ID: 2178
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
County Code: 7
Air Basin: SF
Facility ID: 2178
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1999
County Code: 7
Air Basin: SF
Facility ID: 2178
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2000
County Code: 7
Air Basin: SF
Facility ID: 2178
SUNSHINE CLEANERS & COIN LAUND (Continued)

Year: 2001
County Code: 7
Air Basin: SF
Facility ID: 2178
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2002
County Code: 7
Air Basin: SF
Facility ID: 2178
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2003
County Code: 7
Air Basin: SF
Facility ID: 2178
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
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<th>Carbon Monoxide Emissions Tons/Yr</th>
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<th>Particulate Matter Tons/Yr</th>
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SUNSHINE CLEANERS & COIN LAUND (Continued)

Year: 2007
County Code: 7
Air Basin: SF
Facility ID: 16695
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Year: 0.067
Reactive Organic Gases Tons/Year: 0.0468062
Carbon Monoxide Emissions Tons/Year: 0
NOX - Oxides of Nitrogen Tons/Year: 0
SOX - Oxides of Sulphur Tons/Year: 0
Particulate Matter Tons/Year: 0
Part. Matter 10 Micrometers & Smlr Tons/Year: 0

Year: 2008
County Code: 7
Air Basin: SF
Facility ID: 16695
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Year: 0.067
Reactive Organic Gases Tons/Year: 0
Carbon Monoxide Emissions Tons/Year: 0
NOX - Oxides of Nitrogen Tons/Year: 0
SOX - Oxides of Sulphur Tons/Year: 0
Particulate Matter Tons/Year: 0
Part. Matter 10 Micrometers & Smlr Tons/Year: 0

CONTRA COSTA CO. SITE LIST:
Facility ID: 770367
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: 1K-10K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA

Facility ID: 770367
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
### SILVERMAN/SAN PABLO AVENUE INVESTORS PROPERTIES (Continued)

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Click here to access the California GeoTracker records for this facility:

**Contact:**
- **Global Id:** T0601352645
- **Contact Type:** Local Agency Caseworker
- **Contact Name:** PAUL ANDREWS
- **Organization Name:** CONTRA COSTA COUNTY
- **Address:** 4333 PACHECO BOULEVARD
- **City:** MARTINEZ
- **Email:** pandrews@hsd.co.contra-costa.ca.us
- **Phone Number:** 9256462286

**Contact:**
- **Global Id:** T0601352645
- **Contact Type:** Regional Board Caseworker
- **Contact Name:** BARBARA SIEMINSKI
- **Organization Name:** SAN FRANCISCO BAY RWQCB (REGION 2)
- **Address:** 1515 CLAY STREET, SUITE 1400
- **City:** OAKLAND
- **Email:** bsieminski@waterboards.ca.gov
- **Phone Number:** Not reported

**Status History:**
- **Global Id:** T0601352645
- **Status:** Completed - Case Closed
- **Status Date:** 01/23/2004

**Global Id:** T0601352645
- **Status:** Open - Case Begin Date
- **Status Date:** 08/11/2003

**Global Id:** T0601352645
- **Status:** Open - Site Assessment
- **Status Date:** 12/19/2003

**Regulatory Activities:**
- **Global Id:** T0601352645
- **Action Type:** Other
- **Date:** 08/11/2003
- **Action:** Leak Discovery
SILVERMAN/SAN PABLO AVENUE INVESTORS PROPERTIES (Continued) S106162402

Date: 09/04/2003
Action: Leak Reported

Global Id: T0601352645
Action Type: ENFORCEMENT
Date: 01/23/2004
Action: File Review - Closure

Global Id: T0601352645
Action Type: ENFORCEMENT
Date: 01/23/2004
Action: Closure/No Further Action Letter

LUST REG 2:
Region: 2
Facility Id: 07-0840
Facility Status: Case Closed
Case Number: Not reported
How Discovered: PST
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 12/19/2003
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 12/19/2003
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SALKHI PETROLEUM INC DBA EL CERRITO CHEVRON S110060428

NNW 11319 SAN PABLO AVE
EL CERRITO, CA 94530

0.311 mi. 1642 ft. Site 1 of 5 in cluster G

Relative Lower: 52 ft.
Actual: 52 ft.

LUST:
Region: STATE
Global Id: T0601300049
Latitude: 37.921068
Longitude: -122.315764
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 06/20/2001
Lead Agency: Not reported
Case Worker: BGS
Local Agency: Not reported
RB Case Number: 07-0052
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:
SALKHI PETROLEUM INC DBA EL CERRITO CHEVRON (Continued)

Contact:
Global Id: T0601300049
Contact Type: Regional Board Caseworker
Contact Name: BARBARA SIEMINSKI
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: sbiemiinski@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0601300049
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Status History:
Global Id: T0601300049
Status: Completed - Case Closed
Status Date: 06/20/2001

Global Id: T0601300049
Status: Open - Case Begin Date
Status Date: 02/03/1998

Global Id: T0601300049
Status: Open - Site Assessment
Status Date: 03/10/1995

Global Id: T0601300049
Status: Open - Site Assessment
Status Date: 02/15/1996

Global Id: T0601300049
Status: Open - Verification Monitoring
Status Date: 10/25/1995

Regulatory Activities:
Global Id: T0601300049
Action Type: ENFORCEMENT
Date: 03/11/1997
Action: * Historical Enforcement

Global Id: T0601300049
Action Type: Other
Date: 11/30/1994
Action: Leak Stopped

Global Id: T0601300049
Action Type: Other
Date: 02/03/1988
Action: Leak Reported

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SALKHI PETROLEUM INC DBA EL CERRITO CHEVRON (Continued) S110060428

Global Id: T0601300049
Action Type: Other
Date: 02/03/1988
Action: Leak Discovery

HAZNET:
envid: S110060428
Year: 2013
GEPaid: CAL000384704
Contact: ARASH SALKHI
Telephone: 4157104004
Mailing Name: Not reported
Mailing Address: 7474 REDWOOD BLVD
Mailing City,St,Zip: NOVATO, CA 94945
Gen County: Contra Costa
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.6255
Facility County: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0052

CONTRA COSTA CO. SITE LIST:
Facility ID: 762940
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA

Facility ID: 762940
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: REPORTED ZERO
Region: CONTRA COSTA

Facility ID: 762940
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
## MAP FINDINGS

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<th>Elevation</th>
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<th>Site Relative</th>
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<th>SWEEPS UST</th>
<th>LUST</th>
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<td>1/4-1/2</td>
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<td>1642 ft.</td>
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<td>Lower</td>
<td>52 ft.</td>
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### LUST REG 2:
- **Region:** 2
- **Facility Id:** 07-0052
- **Facility Status:** Case Closed
- **Case Number:** 62940
- **How Discovered:** Tank Closure
- **Leak Cause:** Structure Failure
- **Leak Source:** Tank
- **Date Leak Confirmed:** 3/10/1995
- **Oversight Program:** LUST

- **Prelim. Site Assessment Workplan Submitted:** Not reported
- **Preliminary Site Assessment Began:** 2/15/1996
- **Pollution Characterization Began:** Not reported
- **Pollution Remediation Plan Submitted:** Not reported
- **Date Remediation Action Underway:** Not reported
- **Date Post Remedial Action Monitoring Began:** 10/25/1995

### SWEEPS UST:
- **Status:** Active
- **Comp Number:** 62940
- **Number:** 2
- **Board Of Equalization:** 44-031913
- **Referral Date:** 12-08-92
- **Action Date:** 03-08-93
- **Created Date:** 07-22-88
- **Owner Tank Id:** 4
- **SWRCB Tank Id:** 07-000-062940-000001
- **Tank Status:** A
- **Capacity:** 1000
- **Active Date:** 06-19-92
- **Tank Use:** OIL
- **STG:** W
- **Content:** WASTE OIL
- **Number Of Tanks:** 4

- **Status:** Active
- **Comp Number:** 62940
- **Number:** 2
- **Board Of Equalization:** 44-031913
- **Referral Date:** 12-08-92
- **Action Date:** 03-08-93
- **Created Date:** 07-22-88
- **Owner Tank Id:** 1
- **SWRCB Tank Id:** 07-000-062940-000002
- **Tank Status:** A
- **Capacity:** 10000
- **Active Date:** 12-08-92
- **Tank Use:** M.V. FUEL
- **STG:** P
- **Content:** REG UNLEADED
- **Number Of Tanks:** Not reported

**Status:** Active
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<td>Patrick Hsieh</td>
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<td>Supervisor:</td>
<td>Daniel Murphy</td>
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OHLONE GARDENS (Continued)

Funding: Responsible Party
Latitude: 37.91372
Longitude: -122.3081
APN: 503121019, 503121020
Past Use: RESIDENTIAL AREA, VEHICLE MAINTENANCE
Potential COC: Lead TPH-diesel TPH-MOTOR OIL 1,2-Dichloroethane (EDC)
1,2,3-Trichloropropane
Confirmed COC: Lead 1,2,3-Trichloropropane TPH-diesel 1,2-Dichloroethane (EDC)
TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: 503121019
Alias Type: APN
Alias Name: 503121020
Alias Type: APN
Alias Name: 201989
Alias Type: Project Code (Site Code)
Alias Name: 60001942
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 11/04/2013
Comments: Property owner’s application to DTSC and the Regional Waterboard requesting agency oversight of cleanup activities. Application lists site background information, history, known contamination, oversight services requested and planned use of the property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 06/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/05/2013
Comments: DTSC letter to property owner informing them that DTSC and the Waterboards have received their application and have determined that DTSC will be the lead agency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 11/26/2013
Comments: Voluntary Cleanup Agreement between DTSC and property owner. The scope of the agreement is a DTSC review of the information and sampling data available at the site followed by a determination by DTSC if additional cleanup investigation or work is needed. DTSC and the proponent will then hold a scoping meeting to discuss what work
### OHLONE GARDENS (Continued)

will be needed and how it will be carried out.

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**VCP:**

- **Facility ID:** 60001942
- **Site Type:** Voluntary Cleanup
- **Site Type Detail:** Voluntary Cleanup
- **Site Mgmt. Req.:** NONE SPECIFIED
- **Acres:** 1
- **National Priorities List:** NO
- **Cleanup Oversight Agencies:** SMBRP
- **Lead Agency:** SMBRP
- **Lead Agency Description:** DTSC - Site Cleanup Program
- **Project Manager:** Patrick Hsieh
- **Supervisor:** Daniel Murphy
- **Division Branch:** Cleanup Berkeley
- **Site Code:** 201989
- **Assembly:** 15
- **Senate:** 09
- **Special Programs Code:** Not reported
- **Status:** No Further Action
- **Status Date:** 02/13/2014
- **Restricted Use:** NO
- **Funding:** Responsible Party
- **Lat/Long:** 37.91372 / -122.3081
- **APN:** 503121019, 503121020
- **Past Use:** RESIDENTIAL AREA, VEHICLE MAINTENANCE
- **Potential COC:** 30013, 30024, 3002502, 30193, 30571
- **Confirmed COC:** 30013, 30024, 3002502, 30193, 30571
- **Potential Description:** OTH, SOIL
- **Alias Name:** 503121019
- **Alias Type:** APN
- **Alias Name:** 503121020
- **Alias Type:** APN
- **Alias Name:** 201989
- **Alias Type:** Project Code (Site Code)
- **Alias Name:** 60001942
- **Alias Type:** Envirostor ID Number

**Completed Info:**

- **Completed Area Name:** PROJECT WIDE
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Application
- **Completed Date:** 11/04/2013
- **Comments:** Property owner's application to DTSC and the Regional Waterboard requesting agency oversight of cleanup activities. Application lists site background information, history, known contamination, oversight services requested and planned use of the property.
OHLONE GARDENS (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 06/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/05/2013
Comments: DTSC letter to property owner informing them that DTSC and the Waterboards have received their application and have determined that DTSC will be the lead agency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 11/26/2013
Comments: Voluntary Cleanup Agreement between DTSC and property owner. The scope of the agreement is a DTSC review of the information and sampling data available at the site followed by a determination by DTSC if additional cleanup investigation or work is needed. DTSC and the proponent will then hold a scoping meeting to discuss what work will be needed and how it will be carried out.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:
envid: S114002228
Year: 2013
GEPAD: CAC002754239
Contact: OHLONE GARDENS LP
Telephone: 5109414410
Mailing Name: Not reported
Mailing Address: 2220 OXFORD ST
Mailing City,St,Zip: BERKELEY, CA 94704
Gen County: Contra Costa
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 10
G38
FORMER UNIQUE CLEANERS
6109 POTRERO AVENUE
EL CERRITO, CA 95430
0.321 mi.
1696 ft.
Site 3 of 5 in cluster G

Relative: Lower
Actual: 49 ft.

SLIC: 07S0161
Region: 2

Facility Status: Not reported
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

G39
A&N COMP DRYCLEANERS
6109 POTRERO AVE
EL CERRITO, CA 94530
0.321 mi.
1696 ft.
Site 4 of 5 in cluster G

Relative: Lower
Actual: 49 ft.

SLIC: STATE
Region: 1

Facility Status: Open - Inactive
Status Date: 05/01/2003
Global Id: SL0601385412
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.921189
Longitude: -122.316482
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 07S0161
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

RCRA NonGen / NLR:
Date form received by agency: 02/02/1987
Facility name: A&N COMP DRYCLEANERS
Facility address: 6109 POTRERO AVE
EL CERRITO, CA 94530
A&N COMP DRYCLEANERS (Continued)

EPA ID: CAD981966120
Mailing address: POTRERO AVE
Contact: ENVIRONMENTAL MANAGER
Contact address: 6109 POTRERO AVE
Contact country: US
Contact telephone: (415) 548-9091
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: A&N COMPANY
Owner/operator address: NOT REQUIRED
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Violation Status: No violations found

DRYCLEANERS:
EPA Id: CAL000259064
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
A&N COMP DRYCLEANERS (Continued)

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CONTRA COSTA CO. SITE LIST:

| Facility ID: | 770373       |
| Billing Status: | ACTIVE, BILLABLE |
| Program Status: | CONTRA COSTA CO. SITE LIST |
| Program/Elements: | HWG: LESS THAN 5 TONS/YEAR |
| Region:        | CONTRA COSTA |

40  EL CERRITO CITY OF  LUST  S102427973
NW  HIST CORTESE  N/A
6009 POTRERO AVE  CONTRA COSTA CO. SITE LIST
EL CERRITO, CA  94530
1/4/1/2
0.343 mi.
1813 ft.

Relative: Lower
Actual: 52 ft.

LUST:

| Region: | STATE |
| Global Id: | T06013000088 |
| Latitude: | 37.921 |
| Longitude: | -122.3162 |
| Case Type: | Not reported |
| Status: | Completed - Case Closed |
| Status Date: | 03/18/2005 |
| Lead Agency: | Not reported |
| Case Worker: | BGS |
| Local Agency: | Not reported |
| RB Case Number: | 07-0092 |
| LOC Case Number: | Not reported |
| File Location: | Not reported |
| Potential Media Affect: | Other Groundwater (uses other than drinking water) |
EL CERRITO CITY OF (Continued)

Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
- **Global Id:** T0601300088
- **Contact Type:** Regional Board Caseworker
- **Contact Name:** BARBARA SIEMINSKI
- **Organization Name:** SAN FRANCISCO BAY RWQCB (REGION 2)
- **Address:** 1515 CLAY STREET, SUITE 1400
- **City:** OAKLAND
- **Email:** bsieminski@waterboards.ca.gov
- **Phone Number:** Not reported

- **Global Id:** T0601300088
- **Contact Type:** Local Agency Caseworker
- **Contact Name:** SUE LOYD
- **Organization Name:** CONTRA COSTA COUNTY
- **Address:** 4333 PACHECO BLVD.
- **City:** MARTINEZ
- **Email:** slloyd@hsd.co.contra-costa.ca.us
- **Phone Number:** Not reported

Status History:
- **Global Id:** T0601300088
  - **Status:** Completed - Case Closed
  - **Status Date:** 03/18/2005

- **Global Id:** T0601300088
  - **Status:** Open - Case Begin Date
  - **Status Date:** 12/10/1985

- **Global Id:** T0601300088
  - **Status:** Open - Site Assessment
  - **Status Date:** 03/24/1994

Regulatory Activities:
- **Global Id:** T0601300088
  - **Action Type:** ENFORCEMENT
  - **Date:** 03/18/2005
  - **Action:** Closure/No Further Action Letter

- **Global Id:** T0601300088
  - **Action Type:** ENFORCEMENT
  - **Date:** 05/01/2000
  - **Action:** * Historical Enforcement

- **Global Id:** T0601300088
  - **Action Type:** Other
  - **Date:** 01/02/1986
  - **Action:** Leak Stopped

- **Global Id:** T0601300088
  - **Action Type:** ENFORCEMENT
  - **Date:** 06/17/2003
  - **Action:** Site Visit / Inspection / Sampling
EL CERRITO CITY OF  (Continued)

Global Id: T0601300088
Action Type: Other
Date: 05/13/1987
Action: Leak Reported

Global Id: T0601300088
Action Type: Other
Date: 12/10/1985
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 07-0092
Facility Status: Leak being confirmed
Case Number: 54032
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 3/24/1994
Oversight Program: LUST
Prelim. Site Assessmment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0092

CONTRA COSTA CO. SITE LIST:
Facility ID: 774118
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: LESS THAN 1000 LBS
Region: CONTRA COSTA

Facility ID: 754032
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
**LUST:**
- Global Id: T0601300593
- Latitude: 37.92198
- Longitude: -122.31486
- Status: Completed - Case Closed
- Status Date: 06/04/1998
- Lead Agency: Not reported
- Case Worker: BGS
- Local Agency: Not reported
- RB Case Number: 07-0642
- LOC Case Number: Not reported
- File Location: Not reported
- Potential Media Affect: Soil
- Potential Contaminants of Concern: Gasoline
- Site History: Not reported

**Contact:**
- Contact Type: Regional Board Caseworker
- Contact Name: BARBARA SIEMINSKI
- Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
- Address: 1515 CLAY STREET, SUITE 1400
- City: OAKLAND
- Email: bsieminski@waterboards.ca.gov
- Phone Number: Not reported

**Status History:**
- Global Id: T0601300593
- Status: Completed - Case Closed
- Status Date: 06/04/1998

- Global Id: T0601300593
- Status: Open - Case Begin Date
- Status Date: 07/23/1991

- Global Id: T0601300593
- Status: Open - Site Assessment
- Status Date: 11/01/1994
TARGET (Continued)

Regulatory Activities:
Global Id: T0601300593
Action Type: Other
Date: 01/29/1992
Action: Leak Discovery

Global Id: T0601300593
Action Type: Other
Date: 01/29/1992
Action: Leak Reported

Global Id: T0601300593
Action Type: Other
Date: 07/23/1991
Action: Leak Stopped

Global Id: T0601300593
Action Type: ENFORCEMENT
Date: 06/04/1998
Action: Closure/No Further Action Letter

LUST REG 2:
Region: 2
Facility Id: 07-0642
Facility Status: Case Closed
Case Number: 07-0642
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 11/1/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0642

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<td>Longitude: -122.308405</td>
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EL CERRITO SHELL (Continued)  U001596714

Case Type: Not reported
Status: Completed - Case Closed
Status Date: 07/26/2010
Lead Agency: Not reported
Case Worker: BGS
Local Agency: Not reported
RB Case Number: 07-0865
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: No active remediation required. The site is a low risk case. The residual hydrocarbon concentrations are low, and are expected to attenuate naturally.

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0601391657
Contact Type: Local Agency Caseworker
Contact Name: PAUL ANDREWS
Organization Name: CONTRA COSTA CO. ENVIR. HEALTH DIV.
Address: 4333 PACHECO BOULEVARD
City: MARTINEZ
Email: pandrews@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Global Id: T0601391657
Contact Type: Regional Board Caseworker
Contact Name: BARBARA SIEMINSKI
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: bsieminski@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0601391657
Status: Completed - Case Closed
Status Date: 07/23/2010

Global Id: T0601391657
Status: Completed - Case Closed
Status Date: 07/26/2010

Global Id: T0601391657
Status: Open - Case Begin Date
Status Date: 06/09/2004

Global Id: T0601391657
Status: Open - Site Assessment
Status Date: 07/10/2006

Global Id: T0601391657
Status: Open - Site Assessment
Status Date: 11/28/2006
EL CERRITO SHELL (Continued)

Global Id: T0601391657
Status: Open - Site Assessment
Status Date: 03/05/2007

Regulatory Activities:

Global Id: T0601391657
Action Type: ENFORCEMENT
Date: 07/23/2010
Action: Closure/No Further Action Letter

Global Id: T0601391657
Action Type: RESPONSE
Date: 08/13/2008
Action: Monitoring Report - Quarterly

Global Id: T0601391657
Action Type: Other
Date: 06/09/2004
Action: Leak Discovery

Global Id: T0601391657
Action Type: RESPONSE
Date: 10/30/2007
Action: Other Report / Document

Global Id: T0601391657
Action Type: RESPONSE
Date: 06/13/2007
Action: Other Workplan

Global Id: T0601391657
Action Type: RESPONSE
Date: 03/30/2007
Action: Electronic Reporting Submittal Due

Global Id: T0601391657
Action Type: RESPONSE
Date: 02/28/2007
Action: Preliminary Site Assessment Report

Global Id: T0601391657
Action Type: RESPONSE
Date: 12/28/2006
Action: Electronic Reporting Submittal Due

Global Id: T0601391657
Action Type: RESPONSE
Date: 03/10/2008
Action: Other Report / Document

Global Id: T0601391657
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Other

Global Id: T0601391657
Action Type: RESPONSE

EDR ID Number: U001596714

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### EL CERRITO SHELL (Continued)

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Action: Fact Sheets - Public Participation

Global Id: T0601391657
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0601391657
Action Type: Other
Date: 06/05/2006
Action: Leak Reported

Global Id: T0601391657
Action Type: ENFORCEMENT
Date: 02/08/2008
Action: 13267 Requirement

Global Id: T0601391657
Action Type: ENFORCEMENT
Date: 11/28/2006
Action: 13267 Requirement

Global Id: T0601391657
Action Type: ENFORCEMENT
Date: 07/13/2006
Action: 13267 Requirement

Global Id: T0601391657
Action Type: ENFORCEMENT
Date: 07/11/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0601391657
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0601391657
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: File review

Global Id: T0601391657
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0601391657
Action Type: RESPONSE
Date: 10/10/2006
Action: Other Workplan
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**Active**

- **Comp Number:** 7032
- **Number:** 2
- **Board Of Equalization:** 44-002205
- **Referral Date:** 02-11-92
- **Action Date:** 02-11-92
- **Created Date:** 07-22-88
- **Owner Tank Id:** 1
- **SWRCB Tank Id:** 07-000-007032-000001
- **Tank Status:** A
- **Capacity:** 10000
- **Active Date:** 02-11-92
- **Tank Use:** M.V. FUEL
- **STG:** P
- **Content:** REG UNLEADED
- **Number Of Tanks:** 4

**Active**

- **Comp Number:** 7032
- **Number:** 2
- **Board Of Equalization:** 44-002205
- **Referral Date:** 02-11-92
- **Action Date:** 02-11-92
- **Created Date:** 07-22-88
- **Owner Tank Id:** 2
- **SWRCB Tank Id:** 07-000-007032-000002
- **Tank Status:** A
- **Capacity:** 10000
- **Active Date:** 02-11-92
- **Tank Use:** M.V. FUEL
- **STG:** P
- **Content:** LEADED
- **Number Of Tanks:** Not reported

**Active**

- **Status:** Active
- **Comp Number:** 7032
- **Number:** 2
- **Board Of Equalization:** 44-002205
- **Referral Date:** 02-11-92
- **Action Date:** 02-11-92
- **Created Date:** 07-22-88
- **Owner Tank Id:** 2
- **SWRCB Tank Id:** 07-000-007032-000002
- **Tank Status:** A
- **Capacity:** 10000
- **Active Date:** 02-11-92
- **Tank Use:** M.V. FUEL
- **STG:** P
- **Content:** LEADED
- **Number Of Tanks:** Not reported

**Active**

- **Status:** Active
- **Comp Number:** 7032
- **Number:** 2
- **Board Of Equalization:** 44-002205
- **Referral Date:** 02-11-92
- **Action Date:** 02-11-92
- **Created Date:** 07-22-88
- **Owner Tank Id:** 2
- **SWRCB Tank Id:** 07-000-007032-000002
- **Tank Status:** A
- **Capacity:** 10000
- **Active Date:** 02-11-92
- **Tank Use:** M.V. FUEL
- **STG:** P
- **Content:** LEADED
- **Number Of Tanks:** Not reported

- **Status:** Active
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<tr>
<td>Contact Name</td>
<td>MEHRAN (RON) PEJOOH</td>
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<tr>
<td>Telephone</td>
<td>4155242585</td>
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<tr>
<td>Owner Name</td>
<td>SHELL OIL COMPANY</td>
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EL CERRITO SHELL (Continued)  U001596714

Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, 10

CONTRA COSTA CO. SITE LIST:

Facility ID: 707032
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >100K-250K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA

Facility ID: 707032
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: REPORTED ZERO
Region: CONTRA COSTA

Facility ID: 707032
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA

H43 EL CERRITO REDEVELOPMENT AGENCY LUST S104809855
NW 1718 EASTSHORE BLVD N/A
1/4-1/2 EL CERRITO, CA 94530
0.424 mi.  Site 1 of 3 in cluster H
2239 ft.

Relative: LUST REG 2:
Lower Actual:
55 ft.

Region: 2
Facility Id: 07-0123
Facility Status: Case Closed
Case Number: 70654
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/19/1991
Pollution Characterization Began: 9/7/1994
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 11/5/2001

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### MAP FINDINGS

#### Site 2 of 3 in cluster H

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<td>2239 ft.</td>
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- **Site**: EL CERRITO REDEVELOPMENT
- **Location**: 1718 EASTSHORE
- **City**: 4333 PACHECO BLVD.
- **Organization**: CONTRA COSTA COUNTY

#### Contact 1
- **Name**: SUE LOYD
- **Title**: Local Agency Caseworker
- **Email**: slloyd@hsd.co.contra-cost ca.us
- **Phone**: Not reported

#### Contact 2
- **Name**: BARBARA SIEMINSKI
- **Title**: Regional Board Caseworker
- **Email**: bsieminski@waterboards.ca.gov
- **Phone**: Not reported

#### Site History
- **Start Date**: 07/18/1988
- **End Date**: 04/25/2003
- **Status Date**: 07-0123
- **RB Case Number**: Not reported
- **LOC Case Number**: Not reported
- **File Location**: Regional Board
- **Potential Media Affect**: Other Groundwater (uses other than drinking water)
- **Potential Contaminants of Concern**: Gasoline
- **Site History**: Not reported

#### Map Details
- **LUST**: S102429153
- **ENF**: N/A
- **Site Number**: 04/25/2003
- **Status**: Completed - Case Closed

#### Additional Information
- **Local Agency**: BGS
- **Lead Agency**: Not reported
- **Status History**: Not reported
- **Actual**: 55 ft.
- **Relative**: Lower
- **Global Id**: T0601300114
- **Latitude**: 37.922028
- **Longitude**: -122.316847
- **Region**: STATE

Click here to access the California GeoTracker records for this facility:
**EL CERRITO REDEVELOPMENT** (Continued)

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**EL CERRITO REDEVELOPMENT (Continued)**

| Date: 03/05/1991 | Action: Leak Discovery |

**ENF:**

- **Region:** 2
- **Facility Id:** 226269
- **Agency Name:** El Cerrito Redevelopment Agency
- **Place Type:** Facility
- **Place Subtype:** Not reported
- **Facility Type:** City Agency
- **Agency Type:** Facility
- **# Of Agencies:** 1
- **Place Latitude:** 37.922211
- **Place Longitude:** -122.317444
- **SIC Code 1:** Not reported
- **SIC Desc 1:** Not reported
- **SIC Code 2:** Not reported
- **SIC Desc 2:** Not reported
- **SIC Code 3:** Not reported
- **SIC Desc 3:** Not reported
- **NAICS Code 1:** Not reported
- **NAICS Desc 1:** Not reported
- **NAICS Code 2:** Not reported
- **NAICS Desc 2:** Not reported
- **NAICS Code 3:** Not reported
- **NAICS Desc 3:** Not reported
- **# Of Places:** 1
- **Source Of Facility:** Reg Meas
- **Design Flow:** Not reported
- **Threat To Water Quality:** Not reported
- **Complexity:** Not reported
- **Pretreatment:** Not reported
- **Facility Waste Type:** Not reported
- **Facility Waste Type 2:** Not reported
- **Facility Waste Type 3:** Not reported
- **Facility Waste Type 4:** Not reported
- **Program:** UST
- **Program Category1:** TANKS
- **Program Category2:** TANKS
- **# Of Programs:** 1
- **WDID:** 02 07-0123
- **Reg Measure Id:** 168286
- **Reg Measure Type:** Unregulated
- **Region:** 2
- **Order #:** Not reported
- **Npdes# CA#:** Not reported
- **Major-Minor:** Not reported
- **Npdes Type:** Not reported
- **Reclamation:** Not reported
- **Dredge Fill Fee:** Not reported
- **301H:** Not reported
- **Application Fee Amt Received:** Not reported
- **Status:** Never Active
- **Status Date:** 02/20/2013
- **Effective Date:** Not reported
- **Expiration/Review Date:** Not reported
EL CERRITO REDEVELOPMENT (Continued)

Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 242171
Region: 2
Order / Resolution Number: UNKNOWN
Effective Date: 05/08/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 07-0123
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00
Region: 2
Facility Id: 226269
Agency Name: El Cerrito Redevelopment Agency
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: City Agency
# Of Agencies: 1
Place Latitude: 37.922211
Place Longitude: -122.317444
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UST |
| Program Category1: | TANKS |
| Program Category2: | TANKS |
| # Of Programs: | 1 |
| WDID: | 2 07-0123 |
| Reg Measure Id: | 168286 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 240638 |
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 03/07/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 07-0123 |
| Description: | Not reported |
| Program: | UST |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
EL CERRITO REDEVELOPMENT (Continued) S102429153

Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00

Region: 2
Facility Id: 226269
Agency Name: El Cerrito Redevelopment Agency
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: City Agency
# Of Agencies: 1
Place Latitude: 37.922211
Place Longitude: -122.317444
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 2 07-0123
Reg Measure Id: 168286
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
EL CERRITO REDEVELOPMENT  (Continued)

Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 238680
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 11/06/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0123
Description: Not reported
Program: UST
Latest Milestone Completion Date: Not reported
# Of Programs1: 1
Total Assessment Amount: 0.00
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Liability $ Amount: 0.00
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Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00
Region: 2
Facility Id: 226269
Agency Name: El Cerrito Redevelopment Agency
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: City Agency
# Of Agencies: 1
Place Latitude: 37.922211
Place Longitude: -122.317444
SIC Code 1: Not reported
SIC Desc 1: Not reported
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SIC Desc 2: Not reported
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SIC Desc 3: Not reported
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NAICS Desc 1: Not reported
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NAICS Desc 2: Not reported
EL CERRITO REDEVELOPMENT (Continued)

NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
# Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
# Of Programs: 1
WDID: 2 07-0123
Reg Measure Id: 168286
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
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Status Enrollee: N
Individual/General: 1
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 238433
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 06/13/2001
Adoption/Issuance Date: Not reported
Achieve Date: 6/29/2001
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0123
Description: Not reported
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EL CERRITO REDEVELOPMENT (Continued)

301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 237479
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 07/26/2001
Adoption/Issuance Date: Not reported
Achieve Date: 10/23/2001
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 07-0123
Description: Not reported
Program: UST
Latest Milestone Completion Date: 10/23/2001
# Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00
Region: 2
Facility Id: 226269
Agency Name: El Cerrito Redevelopment Agency
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: City Agency
# Of Agencies: 1
Place Latitude: 37.922211
Place Longitude: -122.317444
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
EL CERRITO REDEVELOPMENT (Continued)

| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UST |
| Program Category1: | TANKS |
| Program Category2: | TANKS |
| # Of Programs: | 1 |
| WDID: | 2 07-0123 |
| Reg Measure Id: | 168286 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/ Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 236175 |
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 12/01/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | 6/13/2001 |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
EL CERRITO REDEVELOPMENT  (Continued)

Status: Historical
Title: Enforcement - 2 07-0123
Description: Not reported
Program: UST
Latest Milestone Completion Date: 6/13/2001
# Of Programs: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability $ Amount: 0.00
Project $ Amount: 0.00
Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00

HIST CORTESE:
Region: CORTESE
Facility County Code: 7
Reg By: LTNKA
Reg Id: 07-0123

CONTRA COSTA CO. SITE LIST:
Facility Id: 770654
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA

H45  PAY N PAK STORE #229  LUST  S101306924
NNW  1711 EASTSHORE BLVD  HIST CORTESE  N/A
1/4-1/2  EL CERRITO, CA  94530
0.440 mi.  2325 ft.  Site 3 of 3 in cluster H

Relative:
Lower:

Actual:
56 ft.

LUST:
Region: STATE
Global Id: T0601300215
Latitude: 37.922944
Longitude: -122.318373
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 04/14/1995
Lead Agency: Not reported
Case Worker: BGS
Local Agency: Not reported
RB Case Number: 07-0232
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0601300215
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
## PAY N PAK STORE #229 (Continued)

<table>
<thead>
<tr>
<th>Organization Name: CONTRA COSTA COUNTY</th>
<th>City: MARTINEZ</th>
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<tbody>
<tr>
<td>Address: 4333 PACHECO BLVD.</td>
<td>Email: <a href="mailto:sloyd@hsd.co.contra-cost.ca.us">sloyd@hsd.co.contra-cost.ca.us</a></td>
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<tr>
<td>Global Id: T0601300215</td>
<td>Phone Number: Not reported</td>
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<tr>
<td>Contact Type: Regional Board Caseworker</td>
<td>Contact Name: BARBARA SIEMINSKI</td>
</tr>
<tr>
<td>Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)</td>
<td>City: OAKLAND</td>
</tr>
<tr>
<td>Address: 1515 CLAY STREET, SUITE 1400</td>
<td>Email: <a href="mailto:bsieminski@waterboards.ca.gov">bsieminski@waterboards.ca.gov</a></td>
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**Status History:**

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<tr>
<td>Global Id: T0601300215</td>
<td>Status: Open - Case Begin Date</td>
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<td>Global Id: T0601300215</td>
<td>Status: Open - Site Assessment</td>
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<td>Global Id: T0601300215</td>
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**Regulatory Activities:**

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<tr>
<td>Global Id: T0601300215</td>
<td>Action Type: ENFORCEMENT</td>
<td>Date: 03/07/1986</td>
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### PAY N PAK STORE #229 (Continued)

#### Action:
- **Well Installation Report**
  - **Global Id:** T0601300215
  - **Action Type:** RESPONSE
  - **Date:** 02/11/1986
  - **Action:** Other Report / Document

#### Action:
- **RESPONSE**
  - **Global Id:** T0601300215
  - **Action Type:** RESPONSE
  - **Date:** 02/06/1986
  - **Action:** Other Report / Document

#### Action:
- **ENFORCEMENT**
  - **Global Id:** T0601300215
  - **Action Type:** ENFORCEMENT
  - **Date:** 04/14/1995
  - **Action:** Closure/No Further Action Letter

#### Action:
- **Staff Letter**
  - **Global Id:** T0601300215
  - **Action Type:** RESPONSE
  - **Date:** 01/08/1986
  - **Action:** Other Report / Document

#### Action:
- **Other**
  - **Global Id:** T0601300215
  - **Action Type:** Other
  - **Date:** 01/08/1986
  - **Action:** Leak Discovery

### LUST REG 2:
- **Region:** 2
- **Facility Id:** 07-0232
- **Facility Status:** Case Closed
- **Case Number:** 07-0232
- **How Discovered:** Tank Closure
- **Leak Cause:** Structure Failure
- **Leak Source:** Tank
- **Date Leak Confirmed:** Not reported
- **Oversight Program:** LUST
- **Prelim. Site Assessment Workplan Submitted:** 1/31/1986
- **Preliminary Site Assessment Began:** 4/21/1986
- **Pollution Characterization Began:** Not reported
- **Pollution Remediation Plan Submitted:** Not reported
- **Date Remediation Action Underway:** Not reported
- **Date Post Remedial Action Monitoring Began:** Not reported

### HIST CORTESE:
- **Region:** CORTESE
- **Facility County Code:** 7
- **Reg By:** LTNKA
- **Reg Id:** 07-0232
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<tr>
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<td>21 ft.</td>
<td>Lower</td>
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**Site History:**

USTs and product lines were replaced at the site in 1997. Four soil samples were collected from the base/sidewalls of the tank pit and 9 samples were collected from beneath the fuel island/line areas at depths of up to 10’ bgs. Two samples were collected from the tank pit area at 18’ bgs (after overexcavation). Concentrations in soil were up to 1,100 ppm TPH, 8.5 ppm benzene, and 4.9 ppm MIBE. A perched groundwater was encountered in the tank pit at 10’ bgs. A grab groundwater sample indicated 2,000 ppb of benzene and 2,600 ppb of MtBE. Four soil borings were drilled at the site on 11/10/03, and two tank pit wells (MW-1 and MW-2) were sampled on 11/11/03. Soil samples from borings contained minor concentrations of HC (up to 45 ppm TPH, 0.2 ppm benzene, and 0.12 ppm MIBE). Oil and Grease was ND. Grab groundwater samples from borings located in the dispenser area indicated up to 120,000 ppb of TPH, 10,000 ppb benzene, and ND MIBE (<2,000 ppb). The boring drilled near the UST pit contained 500 ppm TPH, 0.69 benzene, and 120 ppb MIBE, but groundwater samples collected from the pit wells did not contain TPH or benzene and only up to 12 ppb MIBE. Groundwater was encountered at the site at depths ranging from 9 to 24.5’ bgs. Sensitive receptor survey conducted February 2005 indicated that there are no surface waters or known domestic, municipal, industrial or irrigation wells within 2,000 feet of the site. CAP approved on 04/01/2009, proposing a combination of ozone and air sparge/soil vapor extraction for site remediation (five to seven ozone injection points along the eastern property boundary, and a 100-foot long and 2-foot wide shallow trench filled with permeable materials and containing horizontal air/ozone injection/vapor recovery lines along the southern property boundary).
## UNOCAL (Continued)

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<td>SUE LOYD</td>
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| Global Id: | T0601300483 |
| Status:    | Completed - Case Closed |
| Status Date: | 07/02/2014 |

| Global Id: | T0601300483 |
| Status:    | Open - Case Begin Date |
| Status Date: | 06/25/1993 |

| Global Id: | T0601300483 |
| Status:    | Open - Eligible for Closure |
| Status Date: | 04/22/2013 |

| Global Id: | T0601300483 |
| Status:    | Open - Remediation |
| Status Date: | 07/12/2007 |

| Global Id: | T0601300483 |
| Status:    | Open - Site Assessment |
| Status Date: | 07/11/1997 |

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| Global Id: | T0601300483 |
| Action Type: | RESPONSE |
| Date: | 11/01/2008 |
| Action: | Soil and Water Investigation Report |

| Global Id: | T0601300483 |
| Action Type: | Other |
| Date: | 06/25/1993 |
| Action: | Leak Discovery |

| Global Id: | T0601300483 |
| Action Type: | RESPONSE |
| Date: | 10/30/2007 |
| Action: | Monitoring Report - Quarterly |

| Global Id: | T0601300483 |
| Action Type: | RESPONSE |
| Date: | 02/29/2008 |
| Action: | CAP/RAP - Feasibility Study Report |

| Global Id: | T0601300483 |
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| Date: | 02/04/2005 |
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Date: 07/08/2005
Action: Well Installation Report

Global Id: T0601300483
Action Type: ENFORCEMENT
Date: 02/10/2009
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0601300483
Action Type: ENFORCEMENT
Date: 01/12/2009
Action: Notice of Violation

Global Id: T0601300483
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0601300483
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Date: 03/18/2014
Action: Staff Letter

Global Id: T0601300483
Action Type: ENFORCEMENT
Date: 06/13/2014
Action: File review

Global Id: T0601300483
Action Type: ENFORCEMENT
Date: 10/01/2004
Action: Staff Letter

Global Id: T0601300483
Action Type: ENFORCEMENT
Date: 07/20/2005
Action: Staff Letter

Global Id: T0601300483
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Date: 04/30/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0601300483
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Date: 10/30/2009
Action: Monitoring Report - Semi-Annually

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Date: 11/30/2012
Action: File Review - Closure

Global Id: T0601300483
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Date: 07/12/2007
Action: 13267 Requirement

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Global Id: T0601300483
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Global Id: T0601300483
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Action: Monitoring Report - Quarterly

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Global Id: T0601300483
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Action: Other Report / Document

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Action Type: RESPONSE
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Action: Well Installation Report

Global Id: T0601300483
Action Type: RESPONSE
Date: 07/30/2011
Action: Remedial Progress Report - Regulator Responded
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Date: 02/21/2012
Action: Other Workplan - Regulator Responded

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Action Type: RESPONSE
Date: 04/05/2013
Action: Request for Closure - Regulator Responded

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Date: 07/05/2011
Action: File review

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Action: Monitoring Report - Quarterly

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Action: 13267 Requirement

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Date: 08/28/2006
Action: Other Report / Document

Global Id: T0601300483
Action Type: REMEDIATION
Date: 04/20/2009
Action: Soil Vapor Extraction (SVE)

Global Id: T0601300483
Action Type: ENFORCEMENT
Date: 07/02/2014
Action: Closure/No Further Action Letter

Global Id: T0601300483
Action Type: ENFORCEMENT
Date: 02/08/2005
Action: Staff Letter

Global Id: T0601300483
Action Type: ENFORCEMENT
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Action: Site Visit / Inspection / Sampling

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- **Facility Status:** Leak being confirmed
- **Case Number:** 08112
- **How Discovered:** Tank Closure
- **Leak Cause:** UNK
- **Leak Source:** UNK
- **Date Leak Confirmed:** 7/11/1997
- **Oversight Program:** LUST
- **Prelim. Site Assessment Workplan Submitted:** Not reported
- **Preliminary Site Assessment Began:** Not reported
- **Pollution Characterization Began:** Not reported
- **Pollution Remediation Plan Submitted:** Not reported
- **Date Remediation Action Underway:** Not reported
- **Date Post Remedial Action Monitoring Began:** Not reported
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<tr>
<td>Content</td>
<td>REG UNLEADED</td>
</tr>
<tr>
<td>Number Of Tanks</td>
<td>Not reported</td>
</tr>
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</table>

### HIST UST:

<table>
<thead>
<tr>
<th>Region</th>
<th>STATE</th>
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<tbody>
<tr>
<td>Facility ID</td>
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</tr>
<tr>
<td>Facility Type</td>
<td>Gas Station</td>
</tr>
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</table>

---

**UNOCAL (Continued)**

**1000167144**

---

TC4412365.1s Page 122
### UNOCAL (Continued)

| Other Type: | Not reported |
| Contact Name: | MAHMOOD SAIDI BEHNAM |
| Telephone: | 4152371091 |
| Owner Name: | UNION OIL CO. |
| Owner Address: | 1 CALIFORNIA ST. SUITE 2700 |
| Owner City, St, Zip: | SAN FRANCISCO, CA 94111 |
| Total Tanks: | 0003 |

#### Tank 1
- **Tank Num:** 001
- **Container Num:** 3713-1-1
- **Year Installed:** 1971
- **Tank Capacity:** 00010000
- **Tank Used for:** PRODUCT
- **Type of Fuel:** UNLEADED
- **Container Construction Thickness:** Not reported
- **Leak Detection:** Stock Inventor, 10

#### Tank 2
- **Tank Num:** 002
- **Container Num:** 3713-2-1
- **Year Installed:** 1971
- **Tank Capacity:** 00010000
- **Tank Used for:** PRODUCT
- **Type of Fuel:** PREMIUM
- **Container Construction Thickness:** Not reported
- **Leak Detection:** Stock Inventor, 10

#### Tank 3
- **Tank Num:** 003
- **Container Num:** 3713-4-1
- **Year Installed:** Not reported
- **Tank Capacity:** 00000280
- **Tank Used for:** WASTE
- **Type of Fuel:** WASTE OIL
- **Container Construction Thickness:** Not reported
- **Leak Detection:** Stock Inventor

### HIST CORTESE:
- **Region:** CORTESE
- **Facility County Code:** 7
- **Reg By:** LTNKA
- **Reg Id:** 07-0522

### CONTRA COSTA CO. SITE LIST:
- **Facility ID:** 708112
- **Billing Status:** ACTIVE, BILLABLE
- **Program Status:** CONTRA COSTA CO. SITE LIST
- **Program/Elements:** HMBP: >100K-250K LBS, 0-19 EMPLOYEES
- **Region:** CONTRA COSTA

- **Facility ID:** 708112
- **Billing Status:** ACTIVE, BILLABLE
- **Program Status:** CONTRA COSTA CO. SITE LIST
- **Program/Elements:** HWG: REPORTED ZERO
- **Region:** CONTRA COSTA

- **Facility ID:** 708112
- **Billing Status:** ACTIVE, BILLABLE
### UNOCAL (Continued)

**Program Status:** CONTRA COSTA CO. SITE LIST  
**Program/Elements:** UNDERGROUND STORAGE TANK SITE  
**Region:** CONTRA COSTA

---

#### Site Information

**Site:** P G & E - EL CERRITO G SUBSTATION  
**Address:** 7140 SCHMIDT LN  
**City:** EL CERRITO, CA

**Region:** SLIC REG 2  
**Facility ID:** 07S0127

**Relative:** Higher  
**Actual:** 125 ft.

**Date Closed:** Not reported  
**Local Case #:** Not reported  
**How Discovered:** RPR  
**Leak Cause:** Not reported  
**Leak Source:** Not reported  
**Date Confirmed:** Not reported  
**Date Prelim Site Assmt Workplan Submitted:** Not reported  
**Date Preliminary Site Assessment Began:** Not reported  
**Date Pollution Characterization Began:** Not reported  
**Date Remediation Plan Submitted:** Not reported  
**Date Remedial Action Underway:** Not reported  
**Date Post Remedial Action Monitoring Began:** Not reported

---

#### Site Information

**Site:** LIQUID GOLD OIL CORP.  
**Address:** HOFFMAN BLVD & S 47TH ST  
**City:** RICHMOND, CA  
**Zip:** 94804

**Region:** ROD  
**Facility ID:** CAT000646208

**Relative:** Lower  
**Actual:** 10 ft.

**Date Deleted:** 1996-09-11 00:00:00  
**Federal:** G  
**EPA ID:** CAT000646208

**Category Details:**  
**NPL Status:** Deleted from the Final NPL  
**Category Description:** Depth To Aquifer-> 50 And <= 100 Feet  
**Category Value:** 100  
**NPL Status:** Deleted from the Final NPL  
**Category Description:** Distance To Nearest Population-> 0 And <= 1/4 Mile  
**Category Value:** 1320

**Site Details:**  
**Site Name:** LIQUID GOLD OIL CORP.  
**Site Status:** Deleted  
**Site Zip:** 94804
LIQUID GOLD OIL CORP. (Continued)

Site City: RICHMOND
Site State: CA
Federal Site: No
Site County: CONTRA COSTA
EPA Region: 09
Date Proposed: 12/30/82
Date Deleted: 9/11/1996
Date Finalized: 09/08/83

Substance Details:
NPL Status: Deleted from the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Deleted from the Final NPL
Substance ID: A020
Substance: CHROMIUM AND COMPOUNDS
CAS #: Not reported
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Deleted from the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: AIR PATHWAY
Scoring: 3

NPL Status: Deleted from the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Deleted from the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: SURFACE WATER PATHWAY
Scoring: 4

NPL Status: Deleted from the Final NPL
Substance ID: C132
Substance: HYDROCARBONS
CAS #: 308067-53-0
Pathway: AIR PATHWAY
Scoring: 2

NPL Status: Deleted from the Final NPL
Substance ID: D004
Substance: ARSENIC
CAS #: 7440-38-2
Pathway: GROUND WATER PATHWAY
### MAP FINDINGS

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Elevation</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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**LIQUID GOLD OIL CORP.** (Continued)  

<table>
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<tr>
<th>Scoring</th>
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<th>Pathway</th>
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<td>LEAD (PB)</td>
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**Summary Details:**
Conditions at listing December 1982): The Liquid Gold Oil Corp. Site covers 17 acres of filled marshland within the City of Richmond, California. Liquid Gold was registered with the State of California as a waste oil pickup business. It purchased used oil and resold it for uses such as fuel, lubricating oil, and dust control. Several deteriorating buildings and 27 storage tanks of various sizes are on about 2 acres. Oily wastes found on the ground, as well as liquid waste stored in the tanks, contain lead, chromium, nickel, and phenols. The site is within 1,000 feet of the San Francisco Bay and overlies shallow ground water, which has no known beneficial uses at present. Status July 1983): The site has been the subject of numerous State enforcement actions, and Liquid Gold has ceased operations at this location. The State is working with the landowner, Southern Pacific.
LIQUID GOLD OIL CORP. (Continued) 1009966369

Transportation Co., to clean up the Liquid Gold facility. In May 1983, Southern Pacific completed removing the storage tanks and their contents from the facility. The State expects to receive a cleanup plan from Southern Pacific in August 1983.

Site Status Details:
NPL Status: Deleted
Proposed Date: 12/30/1982
Final Date: 09/08/1983
Deleted Date: 09/11/1996

Narratives Details:
NPL Name: LIQUID GOLD OIL CORP.
City: RICHMOND
State: CA

CERCLIS:
Site ID: 0902660
EPA ID: CAT00066208
Facility County: CONTRA COSTA
Short Name: LIQUID GOLD OIL CORP
Congressional District: 11
IFMS ID: 0947
SMSA Number: 7360
USGC Hydro Unit: 18050002
Federal Facility: Not a Federal Facility
DMNSN Number: 18.00000
Site Orphan Flag: N
RCRA ID: Y
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Industrial Waste Treatment
Site Settings Code: UR
NPL Status: Deleted from the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Not reported
Non NPL Status Date: / / 
Site Fips Code: 06013
CC Concurrence Date: 09/27/95
CC Concurrence FY: 1995
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
Contact ID: 9000109.00000
Contact Name: Richard Martyn
Contact Tel: (415) 972-3038
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported
LIQUID GOLD OIL CORP. (Continued)

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004162.00000
Contact Name: Rachelle Thompson
Contact Tel: (415) 972-3962
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):
Alias ID: 101
Alias Name: LIQUID GOLD OIL CORP
Alias Address: Not reported

Alias ID: 102
Alias Name: LIQUID GOLD OIL CORP.
Alias Address: HOFFMAN BLVD & S 47TH ST
RICHMOND, CA 94804

Site Description: LIQUID GOLD, RICHMOND, CA, PURCHASED USED OIL & SOLD IT FOR FINED USES
(FUEL/LUBRICATING OILS). LOCATED NEXT TO SF BAY AND MARSH. SAMPLING DISCLOSED
CONTAMINATION OF SOIL AND GROUND WATERS. RESULT OF SPILLS & LEAKS FROM
STORAGE TANKS.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / / 
Date Completed: 10/01/79
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
LIQUID GOLD OIL CORP. (Continued)

Date Completed: 02/01/80
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: SITE INSPECTION
Date Started: 02/01/80
Date Completed: 12/01/82
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: 12/01/82
Date Completed: 12/30/82
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: 12/30/82
Date Completed: 02/01/80
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: 02/01/80
Date Completed: 09/08/83
Priority Level: Not reported
Operable Unit: SITEWIDE
### MAP FINDINGS

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<thead>
<tr>
<th>Site</th>
<th>Elevation</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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#### LIQUID GOLD OIL CORP. (Continued)

**Primary Responsibility:** EPA Fund-Financed  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report:

<table>
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<tr>
<th>Action Code</th>
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<th>Operable Unit</th>
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<th>Planning Status</th>
<th>Urgency Indicator</th>
<th>Action Anomaly</th>
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<tbody>
<tr>
<td>001</td>
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<td>/ /</td>
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<td>SITEWIDE</td>
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<td>001</td>
<td>REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS</td>
<td>11/18/87</td>
<td>01/13/88</td>
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<td>EPA Fund-Financed</td>
<td>Primary</td>
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<td>03/01/91</td>
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<td>SITEWIDE</td>
<td>Federal Enforcement</td>
<td>Primary</td>
<td>Not reported</td>
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</tbody>
</table>
LIQUID GOLD OIL CORP. (Continued) 1009966369

Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/20/83
Date Completed: 06/21/93
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: PRP Response Under State
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: ADMINISTRATIVE RECORDS
Date Started: 06/21/93
Date Completed: 06/21/93
Priority Level: Admin Record Compiled for a Remedial Event
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: / / 
Date Completed: 06/21/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: State Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / / 
Date Completed: 06/21/93
Priority Level: Final Remedy Selected at Site
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report:
LIQUID GOLD OIL CORP. (Continued)

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 06/18/93
Date Completed: 01/11/94
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: PRP Response Under State
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 01/11/94
Date Completed: 08/14/95
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: PRP Response Under State
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: / / 
Date Completed: 09/27/95
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: DELETION FROM NATIONAL PRIORITIES LIST
Date Started: / / 
Date Completed: 09/11/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: ADMINISTRATIVE/VOLUNTARY COST RECOVERY
LIQUID GOLD OIL CORP. (Continued)

Date Started: / / 
Date Completed: 02/04/99
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: / / 
Date Completed: 05/26/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: 08/01/00
Date Completed: 09/12/00
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 002
Action: FIVE-YEAR REVIEW
Date Started: 03/01/05
Date Completed: 09/28/05
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 003
Action: FIVE-YEAR REVIEW
Date Started: 03/01/10
Date Completed: 09/21/10
Priority Level: Not reported
Operable Unit: OVERALL SITE
LIQUID GOLD OIL CORP. (Continued)

Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/27/95
Date Completed: / / 
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: PRP Response Under State
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Federal Register Details:
Fed Register Date: 09/11/96
Fed Register Volume: 61
Page Number: 47825

Fed Register Date: 09/08/83
Fed Register Volume: 48
Page Number: 40658

Fed Register Date: 12/30/82
Fed Register Volume: 47
Page Number: 58476

Click this hyperlink while viewing on your computer to access
30 additional US CERCLIS Financial: record(s) in the EDR Site Report.

CORRACTS:

EPA ID: CAT000646208
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19800201
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

US ENG CONTROLS:

EPA ID: CAT000646208
Site ID: 0902660
Name: LIQUID GOLD OIL CORP.
Address: HOFFMAN BLVD & S 47TH ST
RICHMOND, CA 94804
LIQUID GOLD OIL CORP. (Continued) 1009966369

EPA Region: 09
County: CONTRA COSTA
Event Code: Not reported
Actual Date: 06/30/1993
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/21/1993
Operable Unit: 01
Contaminated Media: Debris
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/21/1993
Operable Unit: 01
Contaminated Media: Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/21/1993
Operable Unit: 01
Contaminated Media: Sediment
Engineering Control: Consolidate
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/21/1993
Operable Unit: 01
Contaminated Media: Sediment
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/21/1993
Operable Unit: 01
Contaminated Media: Sediment
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported
LIQUID GOLD OIL CORP. (Continued)

Contaminated Media: Soil
Engineered Control: Cap
Contact Name: Not reported
Contact Phone and Ext.: Not reported
Latitude: Not reported
Longitude: Not reported

US INST CONTROL:
EPA ID: CAT000646208
Site ID: 0902660
Name: LIQUID GOLD OIL CORP.
Action Name: RECORD OF DECISION
Address: HOFFMAN BLVD & S 47TH ST
          RICHMOND, CA 94804
EPA Region: 09
County: CONTRA COSTA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: 06/30/1993
Complet. Date: 06/21/1993
Operable Unit: 01
Contaminated Media: Debris
Contact Name: Not reported
Contact Phone and Ext.: Not reported
Latitude: Not reported
Longitude: Not reported

EPA ID: CAT000646208
Site ID: 0902660
Name: LIQUID GOLD OIL CORP.
Action Name: RECORD OF DECISION
Address: HOFFMAN BLVD & S 47TH ST
          RICHMOND, CA 94804
EPA Region: 09
County: CONTRA COSTA
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: 06/30/1993
Complet. Date: 06/21/1993
Operable Unit: 01
Contaminated Media: Debris
Contact Name: Not reported
Contact Phone and Ext.: Not reported
Latitude: Not reported
Longitude: Not reported

EPA ID: CAT000646208
Site ID: 0902660
Name: LIQUID GOLD OIL CORP.
Action Name: RECORD OF DECISION
Address: HOFFMAN BLVD & S 47TH ST
          RICHMOND, CA 94804
EPA Region: 09
County: CONTRA COSTA
Event Code: Not reported
Inst. Control: Deed Restriction
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**EPA ID:** CAT000646208  
**Site ID:** 0902660  
**Name:** LIQUID GOLD OIL CORP.  
**Action Name:** RECORD OF DECISION  
**Address:** HOFFMAN BLVD & S 47TH ST RICHMOND, CA 94804  
**EPA Region:** 09  
**County:** CONTRA COSTA  
**Event Code:** Not reported  
**Inst. Control:** Institutional Controls, (N.O.S.)  
**Actual Date:** 06/30/1993  
**Complet. Date:** 06/21/1993  
**Operable Unit:** 01  
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**Contact Name:** Not reported  
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**Latitude:** Not reported  
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**EPA ID:** CAT000646208  
**Site ID:** 0902660  
**Name:** LIQUID GOLD OIL CORP.  
**Action Name:** RECORD OF DECISION  
**Address:** HOFFMAN BLVD & S 47TH ST RICHMOND, CA 94804  
**EPA Region:** 09  
**County:** CONTRA COSTA  
**Event Code:** Not reported  
**Inst. Control:** Deed Restriction  
**Actual Date:** 06/30/1993  
**Complet. Date:** 06/21/1993  
**Operable Unit:** 01  
**Contaminated Media:** Groundwater  
**Contact Name:** Not reported  
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**EPA ID:** CAT000646208  
**Site ID:** 0902660  
**Name:** LIQUID GOLD OIL CORP.  
**Action Name:** RECORD OF DECISION  
**Address:** HOFFMAN BLVD & S 47TH ST RICHMOND, CA 94804  
**EPA Region:** 09  
**County:** CONTRA COSTA  
**Event Code:** Not reported  
**Inst. Control:** Institutional Controls, (N.O.S.)
LIQUID GOLD OIL CORP. (Continued)

Actual Date: 06/30/1993
Complet. Date: 06/21/1993
Operable Unit: 01
Contaminated Media: Sediment
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

EPA ID: CAT000646208
Site ID: 0902660
Name: LIQUID GOLD OIL CORP.
Action Name: RECORD OF DECISION
Address: HOFFMAN BLVD & S 47TH ST
          RICHMOND, CA 94804
EPA Region: 09
County: CONTRA COSTA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: 06/30/1993
Complet. Date: 06/21/1993
Operable Unit: 01
Contaminated Media: Soil
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

EPA ID: CAT000646208
Site ID: 0902660
Name: LIQUID GOLD OIL CORP.
Action Name: RECORD OF DECISION
Address: HOFFMAN BLVD & S 47TH ST
          RICHMOND, CA 94804
EPA Region: 09
County: CONTRA COSTA
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: 06/30/1993
Complet. Date: 06/21/1993
Operable Unit: 01
Contaminated Media: Soil
Contact Name: Not reported
Contact Phone and Ext: Not reported
Latitude: Not reported
Longitude: Not reported

RCRA NonGen / NLR:
Date form received by agency: 08/14/1980
Facility name: LIQUID GOLD OIL CORP.
Facility address: HOFFMAN BLVD AND SO. 47TH ST.
                RICHMOND, CA 94804
EPA ID: CAT000646208
Mailing address: 1696 MARTINEZ ST.
                SAN LEANDRO, CA 94577
Contact: ENVIRONMENTAL MANAGER
Contact address: HOFFMAN BLVD AND SO. 47TH ST.
LIQUID GOLD OIL CORP. (Continued)

Contact country: US
Contact telephone: (415) 635-5626
Contact email: Not reported
EPA Region: 09
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BRYAN FABIAN
Owner/operator address: 1696 MARTINEZ ST.
Owner/operator country: Not reported
Owner/operator telephone: (415) 635-5626
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BRYAN FABIAN
Owner/operator address: 1696 MARTINEZ ST.
Owner/operator country: CITY NOT REPORTED, CA 99999
Owner/operator telephone: (415) 635-5626
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Corrective Action Summary:
Event date: 02/01/1980
Event: CA029SF

Event date: 02/01/1980
Event: CA049PA

Event date: 02/01/1980
Event: CA Prioritization, Facility or area was assigned a high corrective
LIQUID GOLD OIL CORP. (Continued)

Event date: 02/01/1980
Event: CA074HI

Event date: 12/01/1982
Event: CA049SI

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/08/1987
Date achieved compliance: 12/03/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/08/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 12/03/1987
Evaluation lead agency: State

Evaluation date: 11/29/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/20/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.
## BLAIR SOUTHERN PACIFIC LANDFILL (Continued)

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<tr>
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<td>Lynn Nakashima</td>
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<td>Supervisor:</td>
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<td>Lynn Nakashima</td>
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<td>Supervisor:</td>
<td>Barbara Cook</td>
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BLAIR SOUTHERN PACIFIC LANDFILL (Continued)

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.91037
Longitude: -122.3266
APN: 560010043
Past Use: LANDFILL - CONSTRUCTION, MANUFACTURING - CHEMICALS
Potential COC: * ORGANIC LIQUIDS WITH METALS Asbestos Containing Materials (ACM
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
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Future Document Type: Not reported
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Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CORTESE:
Region: CORTESE
Envirostor Id: 7490012
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 12/22/2005
Site Code: 200060, 202001, 202002
Latitude: 37.910373
Longitude: -122.32666
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Unit Name: Not reported
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#### Relative:
- **Lower**
- **Actual:** 8 ft.

#### Facility ID:
- 80001815

#### Status:
- Refer: SMBRP

#### Status Date:
- 10/19/2012

#### Site Code:
- 200060

#### Site Type:
- Corrective Action

#### Site Type Detailed:
- Corrective Action

#### Acres:
- 0.5

#### NPL:
- DELISTED

#### Regulatory Agencies:
- SMBRP

#### Lead Agency:
- SMBRP

#### Program Manager:
- Lynn Nakashima

#### Supervisor:
- Barbara Cook

#### Division Branch:
- Cleanup Berkeley

#### Assembly:
- 15

#### Senate:
- 09

#### Special Program:
- Not reported

#### Restricted Use:
- NO

#### Site Mgmt Req:
- NONE SPECIFIED

#### Funding:
- Not reported

#### Latitude:
- 37.90956

#### Longitude:
- -122.3236

#### APN:
- NONE SPECIFIED

#### Past Use:
- MANUFACTURING - OTHER, RECYCLING - USED OIL

#### Potential COC:
- Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-MOTOR OIL Chromium VI Mercury and compounds Nickel Zinc

#### Confirmed COC:
- Lead Polynuclear aromatic hydrocarbons (PAHs Mercury and compounds Chromium VI Zinc Nickel TPH-MOTOR OIL Polychlorinated biphenyls (PCBs

#### Potential Description:
- SOIL

#### Alias Name:
- CAT000646208

#### Alias Type:
- EPA Identification Number

#### Alias Name:
- 200060

#### Alias Type:
- Project Code (Site Code)

#### Alias Name:
- 07290039

#### Alias Type:
- Envirostor ID Number

#### Alias Name:
- 80001815

#### Alias Type:
- Envirostor ID Number

#### Completed Info:
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: Preliminary Assessment Report
- Completed Date: 02/01/1980
- Comments: Not reported

- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: Preliminary Assessment Report
- Completed Date: 12/01/1982
- Comments: Not reported

- Future Area Name: Not reported
- Future Sub Area Name: Not reported
### LIQUID GOLD OIL CORP (Continued)

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| Completed Document Type: | Not reported |
| Completed Date:       | Not reported |
| Comments:             | Not reported |

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| Future Document Type: | Not reported |
| Future Due Date:      | Not reported |
| Schedule Area Name:   | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
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| Schedule Revised Date: | Not reported |
### LIQUID GOLD OIL CORP (Continued)

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**Map Findings**

- **Map ID:**
- **Direction:**
- **Distance:**
- **Elevation Site:**
- **Database(s):**
- **EDR ID Number:**
- **EPA ID Number:**

---

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LIQUID GOLD OIL CORP (Continued)  

AWP Code:  TANK
Proposed Budget:  0
AWP Completion Date:  Not reported
Revised Due Date:  Not reported
Comments Date:  05301983
Est Person-Yrs to complete:  0
Estimated Size:  Not reported
Request to Delete Activity:  Not reported
Activity Status:  COM
Definition of Status:  CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):  0
Liquids Treated (Gals):  0
Action Included Capping:  Not reported
Well Decommissioned:  Not reported
Action Included Fencing:  Not reported
Removal Action Certification:  Not reported
Activity Comments:  Not reported
For Commercial Reuse:  0
For Industrial Reuse:  0
For Residential Reuse:  0
Unknown Type:  0
Facility ID:  07290039
Activity:  RA
Activity Name:  REMOVAL ACTION
AWP Code:  SOIL
Proposed Budget:  0
AWP Completion Date:  Not reported
Revised Due Date:  Not reported
Comments Date:  12301985
Est Person-Yrs to complete:  0
Estimated Size:  Not reported
Request to Delete Activity:  Not reported
Activity Status:  COM
Definition of Status:  CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):  0
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Action Included Capping:  Not reported
Well Decommissioned:  Not reported
Action Included Fencing:  Not reported
Removal Action Certification:  Not reported
Activity Comments:  Not reported
For Commercial Reuse:  0
For Industrial Reuse:  0
For Residential Reuse:  0
Unknown Type:  0
Facility ID:  07290039
Activity:  ORDER
Activity Name:  I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:  CNSNT
Proposed Budget:  0
AWP Completion Date:  Not reported
Revised Due Date:  Not reported
Comments Date:  01301988
Est Person-Yrs to complete:  0
Estimated Size:  Not reported
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Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12041992
Est Person-Yrs to complete: 0
Estimated Size: Not reported
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Activity Comments: Not reported
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For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06081993
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
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Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: Not reported
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LIQUID GOLD OIL CORP (Continued)

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Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: CAP
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08141995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): X
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: LETTER APPROVING REMEDIAL ACTION. CAP WAS REGRADED IN AREAS WHERE PONDING HAD OCCURRED IN 02/95. CONFIRMATION INSPECTION.
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: DEED
Activity Name: DEED RESTRICTIONS
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09131995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
LIQUID GOLD OIL CORP (Continued)

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09231995
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 770
Liquids Treated (Gals): 0
Action Included Capping: X
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: INTERIM REMEDIAL MEASURE EXCAVATED AND DISPOSED HIGHLY CONTAMINATED SOIL AND REMAINING BUILDINGS ON THE SITE. THE SITE HAS A TWO FOOTED VEGETATED SOIL CAP.

For Commercial Reuse: 0
For Industrial Reuse: 18
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: OM
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09231995
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Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: 5YEAR
Activity Name: FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code: Not reported
Proposed Budget: 0
LIQUID GOLD OIL CORP (Continued)

AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06301998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
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Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
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For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: 5YEAR
Activity Name: FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06272003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
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Activity Status: COM
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Action Included Fencing: Not reported
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For Residential Reuse: 0
Unknown Type: 0
Facility ID: 07290039
Activity: 5YEAR
Activity Name: FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code: Not reported
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AWP Completion Date: 06302008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
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Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals): 0
The site encompasses about 22 acres along San Francisco Bay and is owned by the Southern Pacific Transportation Company. From 1974 to 1982, the site was leased by Liquid Gold Oil Corporation to store, re-refine and recycle oil and other substances. The hazardous substances stored in over 20 storage tanks and drums included waste motor oil, organic solvents, bunker oil, diesel fuel, oil-water emulsions and mixtures and tank bottom waste. As a result of site operations, hazardous substances leaked or spilled onto the ground and were discharged into ponds, sumps and ditches and drained into wetland areas. Soil, sediments, surface water and groundwater were contaminated with oil and grease, phenols, lead, nickel, copper, chromium, zinc, polychlorinated biphenyls (PCBs), and other substances.

Comments Date: 08141995
Comments: vegetated cover and the construction of fencing around the
Comments Date: 08141995
Comments: vegetated cover.
Comments Date: 09011993
Comments: The Site was listed on the Federal National Priorities List
Comments Date: 09011993
Comments: (NPL).
Comments Date: 09111996
Comments: Delisted from the National Priorities List (NPL) by the US EPA.
Comments Date: 09131995
Comments: Recorded Deed Restriction limiting use to park, open space,
Comments Date: 09231995
Comments: commercial or industrial uses.
Comments Date: 09231995
Comments: Certified Site. Signed O&M Agreement which provides for ongoing
Comments Date: 09231995
Comments: groundwater monitoring and maintenance of cap.
Comments Date: 12301985
Comments: Excavation and removal of 760 cubic yards of oil-contaminated
Comments Date: 12301985
Comments: soils.
Comments Date: 03011991
Comments: Completed RA. A wooden building contaminated with lead and
Comments Date: 03011991
Comments: asbestos was removed from the site.
Comments Date: 05301983
Comments: Conducted stabilization actions that included removal of 25
Comments Date: 05301983
Comments: storage tanks.
### LIQUID GOLD OIL CORP (Continued)

**Comments**: Change in site status - Cert to AWP. Union Pacific identified to
**Comments Date**: 06012005
**Comments**: DTSC that sampling in a closed Gun Club located on this property
**Comments Date**: 06012005
**Comments**: has found elevated levels of lead. Union Pacific has submitted
**Comments Date**: 06012005
**Comments**: a Removal Action Workplan to clean up this contamination.
**Comments Date**: 06012005
**Comments**: Document is currently under review.
**Comments Date**: 06081993
**Comments**: Approved RAP.
**Comments Date**: 06272003
**Comments**: Completed Five-Year Review. The groundwater monitoring network
**Comments Date**: 06272003
**Comments**: at the site has been reduced to six wells which are to be
**Comments Date**: 06272003
**Comments**: sampled every two years. Cap inspections are to be done every
**Comments Date**: 06272003
**Comments**: two years.
**Comments Date**: 06301998
**Comments**: Completed Five-Year Review.
**Comments Date**: 08141995
**Comments**: Completed RA which consisted of the excavation and removal of
**Comments Date**: 08141995
**Comments**: sediments from selected wetland areas, the construction of a
**ID Name**: CALSTARS CODE
**ID Value**: 200060
**ID Name**: BEP DATABASE PCODE
**ID Value**: P21038
**Alternate Name**: LIQUID GOLD LIQUID GOLD OIL CORP
**Special Programs Code**: Not reported
**Special Programs Name**: Not reported

**DEED:**

- **Envirostor ID**: 7290039
- **Area**: PROJECT WIDE
- **Sub Area**: Not reported
- **Site Type**: FEDERAL SUPERFUND
- **Status**: ACTIVE
- **Agency**: Not reported
- **Covenant Uploaded**: Not reported
- **Deed Date(s)**: 09/13/1995

**CORTESO:**

- **Region**: CORTESO
- **Envirostor Id**: 7290039
- **Site/Facility Type**: FEDERAL SUPERFUND - DELISTED
- **Cleanup Status**: ACTIVE - LAND USE RESTRICTIONS
- **Status Date**: 06/13/2013
- **Site Code**: 200060
- **Latitude**: 37.910109
- **Longitude**: -122.32353
- **Owner**: Not reported
- **Enf Type**: Not reported
- **Swat R**: Not reported
**LIQUID GOLD OIL CORP (Continued)**

Flag: envirostor  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Unit Name: Not reported

**HWP:**
EPA Id: CAT000646208  
Cleanup Status: UNKNOWN  
Latitude: 37.90825  
Longitude: -122.3260  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 15  
Senate District: 09  
Public Information Officer: Not reported

**Alias:**
EPA Id: CAT000646208  
Facility Type: Historical - Non-Operating  
Alias Type: Envirostor ID Number  
Alias: 07290039

---

**RESPONSE:**
51  
WSW  
HARBORFRONT TRACT  
MEADE SOUTH 49TH EAST MONTGOMERY  
RICHMOND, CA 94804  
1/2-1  
0.860 mi.  
4542 ft.

Relative: Lower  
Actual: 13 ft.

Facility ID: 70000178  
Site Type: State Response  
Site Type Detail: State Response or NPL  
Acres: 10  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Lynn Nakashima  
Supervisor: Barbara Cook  
Division Branch: Cleanup Berkeley  
Site Code: 201734  
Site Mgmt. Req.: NONE SPECIFIED  
Assembly: 15  
Senate: 09  
Special Program Status: Not reported  
Status: Active  
Status Date: 07/01/2005  
Restricted Use: NO  
Funding: Orphan Funds  
Latitude: 37.91234  
Longitude: -122.3281
HARBORFRONT TRACT (Continued)

APN: NONE SPECIFIED
Past Use: METAL PLATING - CHROME, METAL PLATING - CHROME
Potential COC: Benzene Trichloroethylene (TCE) Chromium VI 1,2-Dichloroethane (EDC)

Confirmed COC: Trichloroethylene (TCE) Chromium VI 1,2-Dichloroethane (EDC) 1,1-Dichloroethylene 1,2-Dichloroethylene (cs Benzene 30153-NO
Potential Description: OTH, UE
Alias Name: Pacific Hard Chrome
Alias Type: Alternate Name
Alias Name: 110033613711
Alias Type: EPA (FRS #)
Alias Name: 201598
Alias Type: Site Code - Historical
Alias Name: 201734
Alias Type: Project Code (Site Code)
Alias Name: 70000178
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/12/2011
Comments: Stop work order/termination of contract letter issued requesting final invoices within 30 days.
Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/26/2011
Comments: Signed work order No. 1
Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/28/2010
Comments: DTSC letter responding to comments received from property owner's environmental consultant.
Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/12/2009
Comments: Work Order
Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/18/2010
Comments: Letter to waste management
Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/16/2013
Comments: Letter identifying that ERRG has completed all work and ordered to stop work, and submit final invoices.
HARBORFRONT TRACT (Continued)

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/04/2011
Comments: Approved CFA

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/16/2011
Comments: Executed contract 10-T1123

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 05/08/2014
Comments: Letter to property owner requesting payment agreed to in settlement agreement.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 01/14/2010
Comments: Access agreement to allow DTSC to conduct sampling and pilot test on Pacific Hard Chrome property.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/17/2008
Comments: CFA for contract extension.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Workplan
Completed Date: 10/07/2005
Comments: Workplan for investigation of business area located to the east of Zeneca/Former Stauffer Chemical site. Includes soil, groundwater and soil gas sampling to be conducted in two phases.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/20/2005
Comments: Workplan Amendment No. 1 adds additional laboratory analysis to original workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/10/2006
Comments: Final approval via email.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 01/02/2007
HARBORFRONT TRACT (Continued)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/12/2008
Comments: Approval letter for workplan

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/12/2008
Comments: Approval letter for workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 05/01/2006
Comments: Not reported

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: Contract extension.
HARBORFRONT TRACT (Continued)

Completed Date: 03/20/2008
Comments: Approved g.w. monitoring report letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/30/2008
Comments: Final document approval included with stop work order and completion of contract.

Completed Area Name: Pacific Hard Chrome
Completed Document Type: Site Characterization Report
Completed Date: 07/08/2009
Comments: Letter approves final report and includes stop work order. A ground water pilot study will be prepared to evaluate treatment options for hexavalent chromium found in the ground water.

Completed Area Name: PROJECT WIDE
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 05/05/2008
Comments: Area wide plan was prepared with site specific information in appendices. Attached letter contains EnviroStor link to plan.

Completed Area Name: Pacific Hard Chrome
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 10/15/2009
Comments: DTSC prepared document in-house. No DTSC letter was prepared.

Completed Area Name: Pacific Hard Chrome
Completed Document Type: Fieldwork
Completed Date: 02/22/2010
Comments: Field work began week of 2/22/2010.

Completed Area Name: Pacific Hard Chrome
Completed Document Type: Other Report
Completed Date: 05/28/2010
Comments: Approval of Pre-Design Characterization Data

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>Pacific Hard Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Pilot/Treatability Study Report</td>
</tr>
<tr>
<td>Completed Date</td>
<td>11/08/2011</td>
</tr>
<tr>
<td>Comments</td>
<td>Report approved as submitted.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>Pacific Hard Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Fact Sheets</td>
</tr>
<tr>
<td>Completed Date</td>
<td>08/05/2010</td>
</tr>
<tr>
<td>Comments</td>
<td>Work Notice hand delivered to surrounding businesses.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>Pacific Hard Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Fact Sheets</td>
</tr>
<tr>
<td>Completed Date</td>
<td>08/23/2010</td>
</tr>
<tr>
<td>Comments</td>
<td>Work notice was distributed on 8/5/2010.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>PROJECT WIDE</th>
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</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Other Report</td>
</tr>
<tr>
<td>Completed Date</td>
<td>11/10/2010</td>
</tr>
<tr>
<td>Comments</td>
<td>No DTSC letter. Consultation with GSU was done.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>Pacific Hard Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Fieldwork</td>
</tr>
<tr>
<td>Completed Date</td>
<td>12/04/2010</td>
</tr>
<tr>
<td>Comments</td>
<td>Field work was completed. No DTSC letter needed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>Pacific Hard Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Monitoring Report</td>
</tr>
<tr>
<td>Completed Date</td>
<td>11/08/2011</td>
</tr>
<tr>
<td>Comments</td>
<td>Report approved as submitted.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>Pacific Hard Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Monitoring Report</td>
</tr>
<tr>
<td>Completed Date</td>
<td>01/20/2012</td>
</tr>
<tr>
<td>Comments</td>
<td>Report approved as submitted.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name</th>
<th>Pacific Hard Chrome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>Pilot/Treatability Study Report</td>
</tr>
<tr>
<td>Completed Date</td>
<td>06/01/2012</td>
</tr>
<tr>
<td>Comments</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Area Name: Pacific Hard Chrome</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---</td>
</tr>
<tr>
<td>Completed Sub Area Name: Not reported</td>
<td></td>
</tr>
<tr>
<td>Completed Document Type: Fieldwork</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 07/07/2011</td>
<td></td>
</tr>
<tr>
<td>Comments: No DTSC letter required or RP submittal.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name: Pacific Hard Chrome</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
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</tr>
<tr>
<td>Completed Document Type: Fieldwork</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 10/06/2011</td>
<td></td>
</tr>
<tr>
<td>Comments: No letter prepared. Field work conducted and completed.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name: Pacific Hard Chrome</th>
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<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
<td></td>
</tr>
<tr>
<td>Completed Document Type: Fieldwork</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 01/17/2012</td>
<td></td>
</tr>
<tr>
<td>Comments: No DTSC letter - field work was conducted by ERRG.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name: Pacific Hard Chrome</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
<td></td>
</tr>
<tr>
<td>Completed Document Type: Work Notice</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 01/20/2012</td>
<td></td>
</tr>
<tr>
<td>Comments: No final DTSC letter.</td>
<td></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Completed Area Name: Pacific Hard Chrome</th>
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<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
<td></td>
</tr>
<tr>
<td>Completed Document Type: Work Notice</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 06/27/2011</td>
<td></td>
</tr>
<tr>
<td>Comments: Work notice for groundwater sampling</td>
<td></td>
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</table>

<table>
<thead>
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<th>Completed Area Name: Pacific Hard Chrome</th>
<th></th>
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<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
<td></td>
</tr>
<tr>
<td>Completed Document Type: Work Notice</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 10/28/2012</td>
<td></td>
</tr>
<tr>
<td>Comments: Work Notice for Well Closures</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name: Pacific Hard Chrome</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
<td></td>
</tr>
<tr>
<td>Completed Document Type: Well Decommissioning Report</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 12/21/2012</td>
<td></td>
</tr>
<tr>
<td>Comments: Report describes the steps taken to decommission eight on-site wells and two wells located within the Harbor Front Tract Area.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name: Pacific Hard Chrome</th>
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</thead>
<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
<td></td>
</tr>
<tr>
<td>Completed Document Type: State/Federal Funded Site Contract</td>
<td></td>
</tr>
<tr>
<td>Completed Date: 04/29/2012</td>
<td></td>
</tr>
<tr>
<td>Comments: Executed Agreement - Time Extension Only</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completed Area Name: Pacific Hard Chrome</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Completed Sub Area Name: Not reported</td>
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</tr>
<tr>
<td>Completed Document Type:</td>
<td></td>
</tr>
<tr>
<td>Completed Date:</td>
<td></td>
</tr>
<tr>
<td>Comments:</td>
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### HARBORFRONT TRACT (Continued)

<table>
<thead>
<tr>
<th>Completed Document Type</th>
<th>State/Federal Funded Site Contract</th>
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<tbody>
<tr>
<td>Completed Date</td>
<td>04/26/2007</td>
</tr>
<tr>
<td>Comments</td>
<td>ERRG 2007 Contract</td>
</tr>
<tr>
<td>Completed Area Name</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>State/Federal Funded Site Contract Fiscal Approval (CFA)</td>
</tr>
<tr>
<td>Completed Date</td>
<td>11/28/2009</td>
</tr>
<tr>
<td>Comments</td>
<td>Contract extension to 6/30/2010</td>
</tr>
<tr>
<td>Completed Area Name</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
</tr>
<tr>
<td>Completed Document Type</td>
<td>State/Federal Funded Site Contract Fiscal Approval (CFA)</td>
</tr>
<tr>
<td>Completed Date</td>
<td>04/07/2012</td>
</tr>
<tr>
<td>Comments</td>
<td>Contract extension approved on 4/7/2012</td>
</tr>
<tr>
<td>Completed Area Name</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Completed Sub Area Name</td>
<td>Not reported</td>
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<tr>
<td>Completed Document Type</td>
<td>State/Federal Funded Site Contract</td>
</tr>
<tr>
<td>Completed Date</td>
<td>12/30/2009</td>
</tr>
<tr>
<td>Comments</td>
<td>Contract amendment to add funding and extend term of contract.</td>
</tr>
<tr>
<td>Completed Area Name</td>
<td>PROJECT WIDE</td>
</tr>
<tr>
<td>Completed Sub Area Name</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Completed Date</td>
<td>09/25/2007</td>
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<td>Comments</td>
<td>ERRG contract</td>
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<tr>
<td>Completed Sub Area Name</td>
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<tr>
<td>Completed Document Type</td>
<td>State/Federal Funded Site Contract</td>
</tr>
<tr>
<td>Completed Date</td>
<td>05/08/2008</td>
</tr>
<tr>
<td>Comments</td>
<td>Contract amendment 1 for extension to 1/31/2009</td>
</tr>
<tr>
<td>Completed Area Name</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Completed Sub Area Name</td>
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</tr>
<tr>
<td>Completed Document Type</td>
<td>State/Federal Funded Site Contract</td>
</tr>
<tr>
<td>Completed Date</td>
<td>12/08/2008</td>
</tr>
<tr>
<td>Comments</td>
<td>Contract Amendment to add time.</td>
</tr>
<tr>
<td>Future Area Name</td>
<td>Not reported</td>
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<tr>
<td>Future Sub Area Name</td>
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<tr>
<td>Future Document Type</td>
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<tr>
<td>Future Due Date</td>
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</tr>
<tr>
<td>Schedule Area Name</td>
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<tr>
<td>Schedule Sub Area Name</td>
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<tr>
<td>Schedule Document Type</td>
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<tr>
<td>Schedule Due Date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Schedule Revised Date</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**ENVIROSTOR:**

- **Facility ID:** 70000178
- **Status:** Active
- **Status Date:** 07/01/2005
- **Site Code:** 201734
- **Site Type:** State Response
- **Site Type Detailed:** State Response or NPL
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>EPA ID Number</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
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</thead>
<tbody>
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</tr>
</tbody>
</table>

**HARBORFRONT TRACT (Continued)**

- **Acres:** 10
- **NPL:** NO
- **Regulatory Agencies:** SMBRP
- **Lead Agency:** SMBRP
- **Program Manager:** Lynn Nakashima
- **Supervisor:** Barbara Cook
- **Division Branch:** Cleanup Berkeley
- **Assembly:** 15
- **Senate:** 09
- **Special Program:** Not reported
- **Restricted Use:** NO
- **Site Mgmt Req:** NONE SPECIFIED
- **Funding:** Orphan Funds
- **Latitude:** 37.91234
- **Longitude:** -122.3281
- **APN:** NONE SPECIFIED
- **Past Use:** METAL PLATING - CHROME, METAL PLATING - CHROME
- **Potential COC:** Benzene Trichloroethylene (TCE Chromium VI 1,2-Dichloroethane (EDC
- **Confirmed COC:** Trichloroethylene (TCE Chromium VI 1,2-Dichloroethane (EDC

**Potential Description:**

- **Alias Name:** Pacific Hard Chrome
- **Alias Type:** Alternate Name
- **Alias Name:** 110033613711
- **Alias Type:** EPA (FRS #)
- **Alias Name:** 201598
- **Alias Type:** Site Code - Historical
- **Alias Name:** 201734
- **Alias Type:** Project Code (Site Code)
- **Alias Name:** 70000178
- **Alias Type:** Envirostor ID Number

**Completed Info:**

- **Completed Area Name:** Pacific Hard Chrome
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** State/Federal Funded Site Work Order
- **Completed Date:** 01/12/2011
- **Comments:** Stop work order/termination of contract letter issued requesting final invoices within 30 days.

- **Completed Area Name:** Pacific Hard Chrome
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** State/Federal Funded Site Work Order
- **Completed Date:** 05/26/2011
- **Comments:** Signed work order No. 1

- **Completed Area Name:** Pacific Hard Chrome
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** Correspondence
- **Completed Date:** 07/28/2010
- **Comments:** DTSC letter responding to comments received from property owner’s environmental consultant.

- **Completed Area Name:** Pacific Hard Chrome
- **Completed Sub Area Name:** Not reported
- **Completed Document Type:** State/Federal Funded Site Work Order
- **Completed Date:** 11/12/2009
## HARBORFRONT TRACT (Continued)

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<tr>
<th>Completed Area Name</th>
<th>Completed Sub Area Name</th>
<th>Completed Document Type</th>
<th>Completed Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Correspondence</td>
<td>05/18/2010</td>
<td>Work Order</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Correspondence</td>
<td>01/16/2013</td>
<td>Letter identifying that ERRG has completed all work and ordered to stop work, and submit final invoices.</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>State/Federal Funded Site Contract Fiscal Approval (CFA)</td>
<td>04/04/2011</td>
<td>Approved CFA</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>State/Federal Funded Site Contract</td>
<td>05/16/2011</td>
<td>Executed contract 10-T1123</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Letter - Demand</td>
<td>05/08/2014</td>
<td>Letter to property owner requesting payment agreed to in settlement agreement.</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Access Agreement</td>
<td>01/14/2010</td>
<td>Access agreement to allow DTSC to conduct sampling and pilot test on Pacific Hard Chrome property.</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>State/Federal Funded Site Contract Fiscal Approval (CFA)</td>
<td>04/17/2008</td>
<td>CFA for contract extension.</td>
</tr>
<tr>
<td>PROJECT WIDE</td>
<td>Not reported</td>
<td>*Site Inspection (SI) Workplan</td>
<td>10/07/2005</td>
<td>Workplan for investigation of business area located to the east of Zeneca/Former Stauffer Chemical site. Includes soil, groundwater and soil gas sampling to be conducted in two phases.</td>
</tr>
<tr>
<td>PROJECT WIDE</td>
<td>Not reported</td>
<td></td>
<td></td>
<td></td>
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**HARBORFRONT TRACT (Continued)**

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<thead>
<tr>
<th>Completed Document Type</th>
<th>Completed Date</th>
<th>Comments</th>
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<tbody>
<tr>
<td>Supplemental Site Investigation Workplan</td>
<td>12/20/2005</td>
<td>Workplan Amendment No. 1 adds additional laboratory analysis to original workplan.</td>
</tr>
<tr>
<td>Site Characterization Report</td>
<td>10/10/2006</td>
<td>Final approval via email.</td>
</tr>
<tr>
<td>Information Request Letter</td>
<td>01/02/2007</td>
<td>Consultant to property owner provided decommissioning and UST Closure Summary to DTSC.</td>
</tr>
<tr>
<td>Well Installation Workplan</td>
<td>02/02/2007</td>
<td>Workplan to install 6 shallow groundwater wells, 3 CPT and surface soil sampling. Also includes quarterly groundwater sampling.</td>
</tr>
<tr>
<td>Fact Sheets</td>
<td>02/02/2007</td>
<td>DTSC prepared fact sheet. Describes previous sampling conducted and proposed sampling activities.</td>
</tr>
<tr>
<td>Well Completion Report</td>
<td>11/15/2007</td>
<td>Approved final document was based on revisions provided on Oct. 11, Nov. 1 and Nov. 2</td>
</tr>
<tr>
<td>*Correspondence - Received</td>
<td>07/06/2007</td>
<td>Not reported</td>
</tr>
<tr>
<td>Site Characterization Workplan</td>
<td>05/12/2008</td>
<td>Approval letter for workplan</td>
</tr>
<tr>
<td>Monitoring Report</td>
<td>12/06/2007</td>
<td>Not reported</td>
</tr>
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### HARBORFRONT TRACT (Continued)

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<tr>
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<th>Comments</th>
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<tbody>
<tr>
<td>PROJECT WIDE</td>
<td>Not reported</td>
<td>Imminent and/or Subst. Endangerment Determination</td>
<td>05/01/2006</td>
<td></td>
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<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>State/Federal Funded Site Contract</td>
<td>06/29/2010</td>
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<tr>
<td>PROJECT WIDE</td>
<td>Not reported</td>
<td>Monitoring Report</td>
<td>03/20/2008</td>
<td></td>
</tr>
<tr>
<td>PROJECT WIDE</td>
<td>Not reported</td>
<td>Site Characterization Report</td>
<td>06/30/2008</td>
<td>Final document approval included with stop work order and completion of contract.</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Site Characterization Report</td>
<td>07/08/2009</td>
<td>Letter approves final report and includes stop work order. A ground water pilot study will be prepared to evaluate treatment options for hexavalent chromium found in the ground water.</td>
</tr>
<tr>
<td>PROJECT WIDE</td>
<td>Not reported</td>
<td>Public Participation Plan / Community Relations Plan</td>
<td>05/05/2009</td>
<td>Area wide plan was prepared with site specific information in appendices. Attached letter contains EnviroStor link to plan.</td>
</tr>
<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Pilot Study/Treatability Workplan</td>
<td>10/15/2009</td>
<td>DTSC prepared document in-house. No DTSC letter was prepared.</td>
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<tr>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Pilot Study/Treatability Workplan</td>
<td>02/03/2010</td>
<td>Document approval letter.</td>
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<td>-------------------------</td>
<td>---------------------</td>
<td>-------------------------</td>
<td>---------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Other Report</td>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Approval of Pre-Design Characterization Data</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Fieldwork</td>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>No DTSC letter - field implementation began.</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Fact Sheets</td>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Work Notice hand delivered to surrounding businesses.</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Fact Sheets</td>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Work notice was distributed on 8/5/2010.</td>
<td>PROJECT WIDE</td>
</tr>
<tr>
<td>Other Report</td>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>No DTSC letter. Consultation with GSU was done.</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Fieldwork</td>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td>Field work was completed. No DTSC letter needed.</td>
<td>Pacific Hard Chrome</td>
</tr>
<tr>
<td>Monitoring Report</td>
<td>Pacific Hard Chrome</td>
<td>Not reported</td>
<td></td>
<td>Pacific Hard Chrome</td>
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HARBORFRONT TRACT (Continued)  S107736425

Completed Date: 11/08/2011
Comments: Report approved as submitted.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/20/2012
Comments: Report approved as submitted.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 06/01/2012
Comments: Not reported

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/07/2011
Comments: No DTSC letter required or RP submittal.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/06/2011
Comments: No letter prepared. Field work conducted and completed.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/17/2012
Comments: No DTSC letter - field work was conducted by ERRG.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/20/2012
Comments: No final DTSC letter.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/27/2011
Comments: Work notice for groundwater sampling

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 09/07/2012
Comments: Revised Work Plan approved.

Completed Area Name: Pacific Hard Chrome
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/28/2012
Comments: Work Notice for Well Closures
HARBORFRONT TRACT (Continued)

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<tbody>
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<td>Completed Sub Area Name:</td>
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<tr>
<td>Completed Document Type:</td>
<td>Well Decommissioning Report</td>
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<tr>
<td>Completed Date:</td>
<td>12/21/2012</td>
</tr>
<tr>
<td>Comments:</td>
<td>Report describes the steps taken to decommission eight on-site wells and two wells located within the Harbor Front Tract Area.</td>
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<table>
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<th>Completed Area Name:</th>
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<tbody>
<tr>
<td>Completed Sub Area Name:</td>
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<td>Completed Date:</td>
<td>04/26/2007</td>
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<td>Completed Sub Area Name:</td>
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<td>Completed Document Type:</td>
<td>State/Federal Funded Site Contract Fiscal Approval (CFA)</td>
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<td>Completed Date:</td>
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<td>Comments:</td>
<td>Contract extension to 6/30/2010</td>
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<td>Completed Document Type:</td>
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<td>Completed Date:</td>
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<td>Comments:</td>
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<td>Completed Document Type:</td>
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<td>Completed Date:</td>
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<td>Comments:</td>
<td>Contract amendment to add funding and extend term of contract.</td>
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<td>Completed Sub Area Name:</td>
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<td>Comments:</td>
<td>Contract amendment 1 for time extension to 1/31/2009</td>
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<td>Completed Sub Area Name:</td>
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<tr>
<td>Completed Document Type:</td>
<td>State/Federal Funded Site Contract</td>
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<td>Completed Date:</td>
<td>12/08/2008</td>
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<tr>
<td>Comments:</td>
<td>Contract Amendment to add time.</td>
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<th>Future Area Name:</th>
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<td>Future Sub Area Name:</td>
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### HARBORFRONT TRACT (Continued)

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<tr>
<td>Future Due Date:</td>
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<tr>
<td>Schedule Area Name:</td>
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</tr>
<tr>
<td>Schedule Sub Area Name:</td>
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<tr>
<td>Schedule Document Type:</td>
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<tr>
<td>Schedule Due Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Schedule Revised Date:</td>
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**CORTESSE:**
- **Region:** Cortese
- **Envirostor Id:** 70000178
- **Site/Facility Type:** STATE RESPONSE
- **Cleanup Status:** ACTIVE
- **Status Date:** 07/01/2005
- **Site Code:** 201734
- **Latitude:** 37.912343
- **Longitude:** -122.32812
- **Owner:** Not reported
- **Enf Type:** Not reported
- **Swat R:** Not reported
- **Flag:** envirostor
- **Order No:** Not reported
- **Waste Discharge System No:** Not reported
- **Effective Date:** Not reported
- **Region 2:** Not reported
- **WID Id:** Not reported
- **Solid Waste Id No:** Not reported
- **Waste Management Util Name:** Not reported

**ICI AMERICAS INC AG PLANT**
- **Location:** 1415 47TH ST S
- **City:** Richmond, CA 94804
- **Distance:** 0.968 mi.
- **Elevation:** 5111 ft.
- **Site Type:** Site 1 of 3 in cluster I
- **Relative:** 0.968 mi.
- **Actual:** 5111 ft.
- **Lower:** 18 ft.

**RESPONSE:**
- **Facility ID:** 7280002
- **Site Type:** State Response
- **Site Type Detail:** State Response or NPL
- **Acres:** 86
- **National Priorities List:** NO
- **Cleanup Oversight Agencies:** SBRP
- **Lead Agency Description:** DTSC - Site Cleanup Program
- **Project Manager:** Lynn Nakashima
- **Supervisor:** Barbara Cook
- **Division Branch:** Cleanup Berkeley
- **Site Code:** 201955
- **Site Mgmt. Req.:**
  - DAY, ELD, HOS, LUC, EX, GW, NOWN, NDAM, SCH, RES, DAY, ELD, HOS, LUC, EX, GW, NOWN, NDAM, SCH, RES, DAY, ELD, HOS, LUC, EX, GW, NOWN, NUSE, SCH, RES
- **Assembly:** 15
- **Senate:** 09
- **Special Program Status:** Not reported
- **Status:** Active
- **Status Date:** 11/06/2004

**EDR ID Number:** S107736425

**EPA ID Number:** N/A
ICI AMERICAS INC AG PLANT (Continued)

Restricted Use: YES
Funding: Responsible Party
Latitude: 37.91189
Longitude: -122.3314
Past Use: ILLEGAL DUMPING, MANUFACTURING - CHEMICALS, MANUFACTURING - PESTICIDES, RESEARCH - WEAPONS, WASTE - INDUSTRIAL TREATMENT FACILITY, WASTE WATER PONDS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS
Potential COC: Arsenic Benzene DDD DDE DDT Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Copper and compounds Nickel Selenium Sulfuric Acid Toluene Zinc 1,2-Dichloroethylene (cis
Confirmed COC: Sulfuric Acid Selenium Toluene Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Beryllium and compounds Cadmium and compounds Carbon disulfide Copper and compounds Nickel Arsenic Benzene DDD DDE DDT Lead Mercury (elemental Zinc 1,2-Dichloroethylene (cis
Potential Description: OTH, SED, SOIL, SV, SOIL
Alias Name: Not reported
Alias Type: Not reported
Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 7280002
Status: Active
Status Date: 11/06/2004
Site Code: 201955
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 86
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima
### ICI AMERICAS INC AG PLANT (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Supervisor</td>
<td>Barbara Cook</td>
</tr>
<tr>
<td>Division Branch</td>
<td>Cleanup Berkeley</td>
</tr>
<tr>
<td>Assembly</td>
<td>15</td>
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<tr>
<td>Senate</td>
<td>09</td>
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<td>Special Program</td>
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<td>Site Mgmt Req</td>
<td>DAY, ELD, HOS, LUC, EX, GW, NOWN, NDAM, SCH, RES, DAY, ELD, HOS, LUC, EX, GW, NOWN, NUSE, SCH, RES</td>
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<td>Responsible Party</td>
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<td>Longitude</td>
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<tr>
<td>APN</td>
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<tr>
<td>Past Use</td>
<td>ILLEGAL DUMPING, MANUFACTURING - CHEMICALS, MANUFACTURING - PESTICIDES, RESEARCH - WEAPONS, WASTE - INDUSTRIAL TREATMENT FACILITY, WASTE WATER PONDS, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS</td>
</tr>
<tr>
<td>Potential COC</td>
<td>Arsenic Benzene DDD DDE DDT Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polymeric aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Beryllium and compounds Cadmium and compounds Carbon disulfide Copper and compounds Nickel Selenium Sulfuric Acid Toluene Zinc Arsenic Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis</td>
</tr>
<tr>
<td>Confirmed COC</td>
<td>Sulfuric Acid Selenium Toluene Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Beryllium and compounds Cadmium and compounds Carbon disulfide Copper and compounds Nickel Selenium Sulfuric Acid Toluene Zinc Arsenic Benzene DDD DDE DDT Lead Mercury (elemental Zinc Arsenic Tetrachloroethylene (PCE 1,2-Dichloroethylene (cis Polychlorinated biphenyls (PCBs Trichloroethylene (TCE</td>
</tr>
<tr>
<td>Potential Description</td>
<td>Arsenic Benzene DDD DDE DDT Lead Mercury (elemental Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Beryllium and compounds Cadmium and compounds Carbon disulfide Copper and compounds Nickel Selenium Sulfuric Acid Toluene Zinc Arsenic Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis</td>
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<td>Alias Name</td>
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<tr>
<td>Alias Type</td>
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<td>Completed Info</td>
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<td>Not reported</td>
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<td>Comments</td>
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### LUST

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ICI AMERICAS INC AG PLANT (Continued)  S102628252

Global Id: T0601300531
Latitude: 37.9149179
Longitude: -122.3331764
Case Type: Not reported
Status: Completed - Case Closed
Status Date: 05/18/1998
Lead Agency: Not reported
Case Worker: BGS
Local Agency: Not reported
RB Case Number: 07-0575
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0601300531
Contact Type: Local Agency Caseworker
Contact Name: SUE LOYD
Organization Name: CONTRA COSTA COUNTY
Address: 4333 PACHECO BLVD.
City: MARTINEZ
Email: sloyd@hsd.co.contra-costa.ca.us
Phone Number: Not reported

Global Id: T0601300531
Contact Type: Regional Board Caseworker
Contact Name: BARBARA SIEMINSKI
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: bsieminski@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0601300531
Status: Completed - Case Closed
Status Date: 05/18/1998

Global Id: T0601300531
Status: Open - Case Begin Date
Status Date: 09/07/1991

Global Id: T0601300531
Status: Open - Site Assessment
Status Date: 07/27/1994

Regulatory Activities:
Global Id: T0601300531
Action Type: Other
Date: 09/07/1991
Action: Leak Discovery

Global Id: T0601300531
ICI AMERICAS INC AG PLANT (Continued)  S102628252

Action Type: Other  Date: 06/30/1992  Action: Leak Reported

Global Id: T0601300531  Action Type: Other  Date: 09/07/1991  Action: Leak Stopped

Global Id: T0601300531  Action Type: ENFORCEMENT  Date: 05/18/1998  Action: Clean Up Fund - Case Closure Review Summary Report (RSR) - #2118.11

LUST REG 2:
Region: 2  Facility Id: 07-0575  Facility Status: Case Closed  Case Number: 04650  How Discovered: Tank Closure  Leak Cause: UNK  Leak Source: UNK  Date Leak Confirmed: Not reported  Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported  Preliminary Site Assessment Began: 7/27/1994  Pollution Characterization Began: Not reported  Pollution Remediation Plan Submitted: Not reported  Date Remediation Action Underway: Not reported  Date Post Remedial Action Monitoring Began: Not reported

SLIC:
Region: STATE  Facility Status: Open - Remediation
Status Date: 07/01/2002  Global Id: SL20250868  Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)  Lead Agency Case Number: Not reported  Latitude: 37.9181503365907  Longitude: -122.328107357025  Case Type: Cleanup Program Site  Case Worker: CSF  Local Agency: Not reported  RB Case Number: 07S0147  File Location: Not reported  Potential Media Affected: Not reported  Potential Contaminants of Concern: Not reported  Site History: Case transferred to DTSC in 2005

Click here to access the California GeoTracker records for this facility:

DEED:
Envirostor ID: 7280002  Area: LOT 2  Sub Area: Not reported
| Site Type: | STATE RESPONSE |
| Status: | ACTIVE |
| Agency: | Not reported |
| Covenant Uploaded: | Not reported |
| Deed Date(s): | 04/26/2004 |

| Envirostor ID: | 7280002 |
| Area: | LOT 3 |
| Sub Area: | Not reported |
| Site Type: | STATE RESPONSE |
| Status: | ACTIVE |
| Agency: | Not reported |
| Covenant Uploaded: | Not reported |
| Deed Date(s): | 04/26/2004 |

| CORTESE: |
| Region: | CORTESE |
| Envirostor Id: | 7280002 |
| Site/Facility Type: | STATE RESPONSE |
| Cleanup Status: | ACTIVE - LAND USE RESTRICTIONS |
| Status Date: | 11/06/2004 |
| Site Code: | 201567, 201621, 201622, 201623, 201624, 201624, 201955 |
| Latitude: | 37.911897 |
| Longitude: | -122.33147 |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | envirostor |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Ut Name: | Not reported |

| HIST CORTESE: |
| Region: | CORTESE |
| Facility County Code: | 7 |
| Reg By: | LTNKA |
| Reg Id: | 07-0575 |

| Region: | CORTESE |
| Facility County Code: | 7 |
| Reg By: | LTNKA |
| Reg Id: | 3200 |
### Map Findings

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<td>WSW</td>
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<td>0.968 mi.</td>
<td>5111 ft.</td>
<td>Site 2 of 3 in cluster I</td>
<td>HIST Cal-Sites</td>
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**CalSite:**
- **Region:** BERKELEY
- **Facility ID:** 07280002
- **Type:** RESPONSIBLE PARTY
- **Branch:** NC
- **Branch Name:** NORTH COAST
- **File Name:** Not reported
- **State Senate District:** 11062004
- **Status:** ANNUAL WORKPLAN (AWP) - ACTIVE SITE
- **Lead Agency:** DEPT OF TOXIC SUBSTANCES CONTROL
- **NPL:** Not Listed
- **SIC Code:** 28
- **SIC Name:** MANU - CHEMICALS & ALLIED PRODUCTS
- **Access:** Controlled
- **Hazardous Ranking Score:** Not reported
- **Groundwater Contamination:** Confirmed
- **Staff Member Responsible for Site:** LNAKASHI
- **Region Water Control Board:** SF
- **Region Water Control Board Name:** SAN FRANCISCO BAY
- **Lat/Long Direction:** Not reported
- **Lat/Long (dms):** 0 0 0 / 0 0 0
- **Lat/Long Method:** Not reported
- **Lat/Long Description:** Not reported
- **State Assembly District Code:** 14
- **State Senate District Code:** 09
- **Facility ID:** 07280002
- **Activity:** DISC
- **Activity Name:** DISCOVERY
- **AWP Code:** Not reported
- **Proposed Budget:** 0
- **AWP Completion Date:** Not reported
- **Revised Due Date:** Not reported
- **Comments Date:** 01061980
- **Est Person-Yrs to complete:** 0
- **Estimated Size:** Not reported
- **Request to Delete Activity:** Not reported
- **Activity Status:** REFRW
- **Definition of Status:** PROPERTY/SITE REFERRED TO RWQCB
- **Liquids Removed (Gals):** 0
- **Liquids Treated (Gals):** 0
- **Action Included Capping:** Not reported
- **Well Decommissioned:** Not reported
- **Action Included Fencing:** Not reported
- **Removal Action Certification:** Not reported
- **Activity Comments:** Not reported
- **For Commercial Reuse:** 0
- **For Industrial Reuse:** 0
- **For Residential Reuse:** 0
The Site is located south of Interstate 580, east of the University of California Berkeley Richmond Field Station and along the San Francisco Bay shoreline. Historically, this site was divided into three main areas: the manufacturing plant area, the Western Research Center and the unimproved open space area. Stauffer Chemical Co., and later Zeneca Inc. manufactured sulfuric acid and pesticides at the site from the late 1800’s until the late 1990’s. Cherokee Simeon Ventures (CSV) purchased the 76 acre site from Zeneca Inc. in 2002 to develop the property. The property is divided into four areas, now known as Lots 1, 2, 3, and East Stege Marsh (also referred to as the “marsh” or habitat enhancement area). Lot 1 was developed into commercial space and is now known as the Campus Bay Business Park. Lots 2 and 3 are currently undeveloped and are zoned for light and heavy industry uses. Collectively, Lots 1, 2 and 3 generally make up what is known as the Upland area. East Stege Marsh is located between Lot 1 and San Francisco Bay and is currently undergoing habitat restoration. The San Francisco Regional Water Quality Control Board (Water Board) was the lead environmental agency overseeing the restoration and cleanup of the entire Zeneca Site. However, in November 2004, the regulatory oversight of the Upland Area (Lots 1, 2 and 3) was transferred to DTSC. This change was made based upon the experience and expertise of each regulatory agency. The Water Board continues to be responsible for managing the work associated with the habitat restoration and the management of sediments in the marsh and freshwater lagoons of East Stege Marsh.

Facility identified. Questionnaire sent.
ZENECA RICHMOND AG PRODUCTS (Continued)

Comments Date: 02081980
Comments: Questionnaire received. Past & present RWQCB monitoring.
Comments Date: 02081980
Comments Date: 03181987
Comments: Completed Site Screening. CERCLIS Site. US EPA is recommending
Comments Date: 03181987
Comments: further action and is, therefore, the lead agency.
Comments Date: 05061980
Comments: Facility drive-by to determine site boundaries.
Comments Date: 06061980
Comments: Site visit.
Comments Date: 06301981
Comments: Disposal area of Abandoned Site Program (ASP) interest
Comments Date: 06301981
Comments Date: 08281981
Comments: Stauffer is an identified abandoned site.
Comments Date: 11062004
Comments: The regulatory oversight of the Upland Area (Lots 1,2 and 3) was
Comments Date: 11062004
Comments: transferred to DTSC.

ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD009123456
ID Name: HWIS IDENTIFICATION CODE
ID Value: CAD009123456
ID Name: CALSTARS CODE
ID Value: 201567
Alternate Name: STAUFFER CHEMICAL CO - RICHMOND ZENECA RICHMOND AG PRODUCTS
Special Programs Code: Not reported
Special Programs Name: Not reported

ICI AMERICAS, RICHMOND
1415 S 47TH STREET
RICHMOND, CA 94804

1/2-1
0.966 mi.
5111 ft.

Site 3 of 3 in cluster I

TOXIC PITS:

Region: 02
Task #: 82033
Owner: ICI AMERICAS
1/2 Mi Limit: Y
Num. of Pits: 2
Cease Discharge Due: 06/30/88
Cease Discharge Complete: 06/30/88
Closure Due: 12/31/91
Closure Completed: 05/20/91
Status: CLOSED

Hydro Geological Assessment Report Due: 04/30/91
Final Hydro Geological Assessment Review Completed: / /
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<td>841 STANDARD AVE</td>
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To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

**Federal NPL site list**

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

- **Date of Government Version:** 03/26/2015
- **Date Data Arrived at EDR:** 04/08/2015
- **Date Made Active in Reports:** 06/22/2015
- **Number of Days to Update:** 75

**NPL Site Boundaries**

Sources:

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  Telephone: 202-564-7333

- EPA Region 1
  Telephone 617-918-1143
- EPA Region 2
  Telephone 215-814-5418
- EPA Region 3
  Telephone 404-562-8033
- EPA Region 4
  Telephone 312-886-6686
- EPA Region 5
  Telephone 206-553-8665

**Proposed NPL:** Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

- **Date of Government Version:** 03/26/2015
- **Date Data Arrived at EDR:** 04/08/2015
- **Date Made Active in Reports:** 06/22/2015
- **Number of Days to Update:** 75

**NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

- **Date of Government Version:** 10/15/1991
- **Date Data Arrived at EDR:** 02/02/1994
- **Date Made Active in Reports:** 03/30/1994
- **Number of Days to Update:** 56
Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75
Source: EPA
Telephone: N/A
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64
Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Varies

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA’s knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time.
This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.
Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

RCRA-SQG: RCRA - Small Quantity Generators
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.
Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015  Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015  Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015  Last EDR Contact: 08/12/2015
Number of Days to Update: 13  Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/09/2015  Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015  Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015  Last EDR Contact: 08/31/2015
Number of Days to Update: 68  Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include 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.

Date of Government Version: 06/09/2015  Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015  Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015  Last EDR Contact: 08/31/2015
Number of Days to Update: 68  Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/30/2015  Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 03/31/2015  Telephone: 202-267-2180
Date Made Active in Reports: 06/02/2015  Last EDR Contact: 06/26/2015
Number of Days to Update: 63  Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites
Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/03/2015  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015  Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015  Last EDR Contact: 08/04/2015
Number of Days to Update: 30  Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS
ENVIROSTOR: EnviroStor Database
The Department of Toxic Substances Control’s (DTSC’s) Site Mitigation and Brownfields Reuse Program’s (SMBRP’s) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists
SWF/LF (SWIS): Solid Waste Information System
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16
Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/18/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists
LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned
LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker’s Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned
LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005  
Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Number of Days to Update: 41  
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Number of Days to Update: 28  
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Date of Government Version: 02/03/2015  
Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Number of Days to Update: 29  
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015  
Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/31/2015  
Next Scheduled EDR Contact: 11/09/2015  
Number of Days to Update: 32  
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015  
Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Number of Days to Update: 48  
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015  
Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Number of Days to Update: 55  
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 03/17/2015  
Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Number of Days to Update: 52  
Data Release Frequency: Varies
INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 24
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47
Source: Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).
INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

INDIAN UST R10: Underground Storage Tanks on Indian Land

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).
**State and tribal voluntary cleanup sites**

**INDIAN VCP R1: Voluntary Cleanup Priority Listing**
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

- **Date of Government Version:** 09/29/2014
- **Date Data Arrived at EDR:** 10/01/2014
- **Date Made Active in Reports:** 11/06/2014
- **Number of Days to Update:** 36
- **Source:** EPA, Region 1
- **Telephone:** 617-918-1102
- **Last EDR Contact:** 06/26/2015
- **Next Scheduled EDR Contact:** 10/12/2015
- **Data Release Frequency:** Varies

**VCP: Voluntary Cleanup Program Properties**
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

- **Date of Government Version:** 08/03/2015
- **Date Data Arrived at EDR:** 08/04/2015
- **Date Made Active in Reports:** 09/09/2015
- **Number of Days to Update:** 30
- **Source:** Department of Toxic Substances Control
- **Telephone:** 916-323-3400
- **Last EDR Contact:** 08/04/2015
- **Next Scheduled EDR Contact:** 11/16/2015
- **Data Release Frequency:** Quarterly

**INDIAN VCP R7: Voluntary Cleanup Priority Listing**
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

- **Date of Government Version:** 03/20/2008
- **Date Data Arrived at EDR:** 04/22/2008
- **Date Made Active in Reports:** 05/19/2008
- **Number of Days to Update:** 27
- **Source:** EPA, Region 7
- **Telephone:** 913-551-7365
- **Last EDR Contact:** 04/20/2009
- **Next Scheduled EDR Contact:** 07/20/2009
- **Data Release Frequency:** Varies

**State and tribal Brownfields sites**

**BROWNFIELDS: Considered Brownfields Sites Listing**
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

- **Date of Government Version:** 06/08/2015
- **Date Data Arrived at EDR:** 06/09/2015
- **Date Made Active in Reports:** 07/10/2015
- **Number of Days to Update:** 31
- **Source:** State Water Resources Control Board
- **Telephone:** 916-323-7905
- **Last EDR Contact:** 06/05/2015
- **Next Scheduled EDR Contact:** 09/21/2015
- **Data Release Frequency:** Varies

**ADDITIONAL ENVIRONMENTAL RECORDS**

**Local Brownfield lists**

**US BROWNFIELDS: A Listing of Brownfields Sites**
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.
Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

SWRCY: Recycler Database
A listing of recycling facilities in California.

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.
ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258
Subtitle D Criteria.
Date of Government Version: 06/30/1985
Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004
Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004
Last EDR Contact: 06/09/2004
Number of Days to Update: 39
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this
web site as a public service. It contains addresses of some locations where law enforcement agencies reported
they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites.
In most cases, the source of the entries is not the Department, and the Department has not verified the entry
and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example,
contacting local law enforcement and local health departments.
Date of Government Version: 02/25/2015
Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/10/2015
Telephone: 202-307-1000
Date Made Active in Reports: 03/25/2015
Last EDR Contact: 05/29/2015
Number of Days to Update: 15
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

HIST CAL-SITES: CalSites Database
The CalSites database contains potential or confirmed hazardous substance release properties. In 1996, California
EPA reevaluated and significantly reduced the number of sites in the CalSites database. No longer updated by the
state agency. It has been replaced by ENVIROSTOR.
Date of Government Version: 08/08/2005
Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006
Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006
Last EDR Contact: 02/23/2009
Number of Days to Update: 21
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous
materials contamination. In some cases, these properties may be listed in the CalSites category depending on the
level of threat to public health and safety or the environment they pose.
Date of Government Version: 08/03/2015
Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015
Telephone: 916-323-3400
Date Made Active in Reports: 08/03/2015
Last EDR Contact: 08/04/2015
Number of Days to Update: 30
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug
lab materials were or were not present there, and does not constitute a determination that the location either
requires or does not require additional cleanup work.
Date of Government Version: 12/31/2014
Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/10/2015
Telephone: 916-255-6504
Date Made Active in Reports: 03/18/2015
Last EDR Contact: 08/07/2015
Number of Days to Update: 8
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies
TOXIC PITS: Toxic Pits Cleanup Act Sites

TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995  
Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015  
Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/29/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994  
Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009  
Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 06/01/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.
Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/11/2015</td>
<td>06/16/2015</td>
<td>07/14/2015</td>
<td>28</td>
<td>Varies</td>
</tr>
</tbody>
</table>

LIENS 2: CERCLA Lien Information
A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/18/2014</td>
<td>03/18/2014</td>
<td>04/24/2014</td>
<td>37</td>
<td>Varies</td>
</tr>
</tbody>
</table>

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<th>Number of Days to Update</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/08/2015</td>
<td>06/09/2015</td>
<td>07/14/2015</td>
<td>35</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/24/2015</td>
<td>06/26/2015</td>
<td>09/02/2015</td>
<td>68</td>
<td>Annually</td>
</tr>
</tbody>
</table>

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).
LDS: Land Disposal Sites Listing
The Land Disposal program regulates the discharge of waste directly to land for treatment, storage and disposal in waste management facilities.

MCS: Military Cleanup Sites Listing
The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Other Ascertainable Records
RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.
DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  Source: USGS
Date Data Arrived at EDR: 11/10/2006  Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 07/14/2015
Number of Days to Update: 62  Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Date Data Arrived at EDR: 02/06/2006  Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 07/14/2015
Number of Days to Update: 339  Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011  Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011  Last EDR Contact: 05/21/2015
Number of Days to Update: 54  Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2015  Telephone: 202-566-1917
Date Made Active in Reports: 03/25/2015  Last EDR Contact: 08/12/2015
Number of Days to Update: 15  Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014  Telephone: 617-520-3000
Date Made Active in Reports: 08/17/2014  Last EDR Contact: 08/04/2015
Number of Days to Update: 98  Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly
2020 COR ACTION:  2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

TSCA:  Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Every 4 Years

TRIS:  Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

SSTS:  Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Annually

ROD:  Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

RMP:  Risk Management Plans
When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g. the fire department) should an accident occur.

RAATS: RCRA Administrative Action Tracking System
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

PADS: PCB Activity Database System
PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.
FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

Source: EPA
Telephone: 202-566-1667

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

Source: Department of Energy
Telephone: 202-586-8719

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: 202-566-0517

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.
HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

BRS: Biennial Reporting System
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.
INDIAN RESERV:  Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34  
Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/14/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Semi-Annually

UMTRA:  Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146  
Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/26/2015  
Next Scheduled EDR Contact: 09/07/2015

LEAD SMELTER 1:  Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014  
Date Data Arrived at EDR: 11/26/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 64  
Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/07/2015  
Next Scheduled EDR Contact: 10/19/2015

LEAD SMELTER 2:  Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36  
Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

US AIRS (AFS):  Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 07/22/2015  
Date Data Arrived at EDR: 07/24/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 40  
Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/22/2015  
Next Scheduled EDR Contact: 10/05/2015

Data Release Frequency: Annually

US AIRS MINOR:  Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 07/22/2015  
Date Data Arrived at EDR: 07/24/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 40  
Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/22/2015  
Next Scheduled EDR Contact: 10/22/2015

Data Release Frequency: Annually
US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/14/2015  
Date Data Arrived at EDR: 06/03/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 91  
Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/01/2015  
Next Scheduled EDR Contact: 12/14/2015  
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49  
Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 06/05/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97  
Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 06/05/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015  
Date Data Arrived at EDR: 02/27/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 26  
Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 06/10/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6  
Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).
DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes:
- power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning;
- drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

ENF: Enforcement Action Listing

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.
Date of Government Version: 12/31/2013
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Date Data Arrived at EDR: 10/15/2014
Last EDR Contact: 07/17/2015
Date Made Active in Reports: 11/19/2014
Next Scheduled EDR Contact: 10/28/2015
Number of Days to Update: 35
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Date Data Arrived at EDR: 01/22/2009
Last EDR Contact: 01/22/2009
Date Made Active in Reports: 04/08/2009
Next Scheduled EDR Contact: N/A
Number of Days to Update: 76
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/26/2015
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Date Data Arrived at EDR: 05/28/2015
Last EDR Contact: 05/28/2015
Date Made Active in Reports: 06/05/2015
Next Scheduled EDR Contact: 09/07/2015
Number of Days to Update: 8
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/13/2015
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Date Data Arrived at EDR: 07/14/2015
Last EDR Contact: 07/14/2015
Date Made Active in Reports: 08/03/2015
Next Scheduled EDR Contact: 10/28/2015
Number of Days to Update: 20
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/15/2015
Source: Department of Conservation
Telephone: 916-322-1080
Date Data Arrived at EDR: 06/17/2015
Last EDR Contact: 06/17/2015
Date Made Active in Reports: 07/14/2015
Next Scheduled EDR Contact: 09/28/2015
Number of Days to Update: 27
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/07/2015
Source: Department of Public Health
Telephone: 916-558-1784
Date Data Arrived at EDR: 06/09/2015
Last EDR Contact: 06/09/2015
Date Made Active in Reports: 07/14/2015
Next Scheduled EDR Contact: 09/21/2015
Number of Days to Update: 35
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.
<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/17/2015</td>
<td>State Water Resources Control Board</td>
<td>916-445-9379</td>
</tr>
<tr>
<td>08/18/2015</td>
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<td>09/11/2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
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</tr>
</tbody>
</table>

**PEST LIC: Pesticide Regulation Licenses Listing**
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/07/2015</td>
<td>Department of Pesticide Regulation</td>
<td>916-445-4038</td>
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<td>06/10/2015</td>
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<td>07/14/2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
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**PROC: Certified Processors Database**
A listing of certified processors.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/15/2015</td>
<td>Department of Conservation</td>
<td>916-323-3836</td>
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<tr>
<td>06/17/2015</td>
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<td>07/14/2015</td>
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<tr>
<td>27</td>
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</table>

**NOTIFY 65: Proposition 65 Records**
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
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<tbody>
<tr>
<td>10/21/1993</td>
<td>State Water Resources Control Board</td>
<td>916-445-3846</td>
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<tr>
<td>11/01/1993</td>
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<td>11/19/1993</td>
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<tr>
<td>18</td>
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</tr>
</tbody>
</table>

**UIC: UIC Listing**
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
</tr>
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<tbody>
<tr>
<td>11/19/2014</td>
<td>Department of Conservation</td>
<td>916-445-2408</td>
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<tr>
<td>12/15/2014</td>
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<tr>
<td>45</td>
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</table>

**WASTEWATER PITS: Oil Wastewater Pits Listing**
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
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</thead>
<tbody>
<tr>
<td>04/15/2015</td>
<td>RWQCB, Central Valley Region</td>
<td>559-445-5577</td>
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<tr>
<td>04/17/2015</td>
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<td>06/23/2015</td>
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<td></td>
</tr>
<tr>
<td>67</td>
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<td></td>
</tr>
</tbody>
</table>

**WDS: Waste Discharge System**
Sites which have been issued waste discharge requirements.
EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR’s researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.
COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:
CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014  Source: Health & Human Services
Date Data Arrived at EDR: 06/13/2014  Telephone: 530-458-0396
Date Made Active in Reports: 07/07/2014  Last EDR Contact: 08/10/2015
Number of Days to Update: 24  Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2015  Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 05/29/2015  Telephone: 925-646-2286
Date Made Active in Reports: 06/11/2015  Last EDR Contact: 08/03/2015
Number of Days to Update: 13  Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 05/20/2015  Source: Del Norte County Environmental Health Division
Date Data Arrived at EDR: 08/03/2015  Telephone: 707-465-0426
Date Made Active in Reports: 09/03/2015  Last EDR Contact: 07/31/2015
Number of Days to Update: 31  Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/26/2015  Source: El Dorado County Environmental Management Department
Date Data Arrived at EDR: 05/29/2015  Telephone: 530-621-6623
Date Made Active in Reports: 06/05/2015  Last EDR Contact: 08/03/2015
Number of Days to Update: 7  Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/13/2015  Source: Dept. of Community Health
Date Data Arrived at EDR: 07/14/2015  Telephone: 559-445-3271
Date Made Active in Reports: 08/03/2015  Last EDR Contact: 07/06/2015
Number of Days to Update: 20  Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:
CUPA Facility List

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27
Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20
Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33
Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county’s Certified Unified Program Agency database. California’s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 18
Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LAKE COUNTY:
CUPA Facility List
Cupa facility list
Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20
Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:
San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 07/21/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 13
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/21/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/10/2015
Number of Days to Update: 14
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/15/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.
<table>
<thead>
<tr>
<th>City of El Segundo Underground Storage Tank</th>
<th>Source: City of El Segundo Fire Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Government Version: 03/30/2015</td>
<td>Telephone: 310-524-2236</td>
</tr>
<tr>
<td>Date Data Arrived at EDR: 04/02/2015</td>
<td>Last EDR Contact: 07/17/2015</td>
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<tr>
<td>Date Made Active in Reports: 04/13/2015</td>
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<td>Number of Days to Update: 11</td>
<td>Data Release Frequency: Semi-Annually</td>
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</table>

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

<table>
<thead>
<tr>
<th>Date of Government Version: 03/03/2015</th>
<th>Source: City of Long Beach Fire Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 05/26/2015</td>
<td>Telephone: 562-570-2563</td>
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<tr>
<td>Date Made Active in Reports: 06/11/2015</td>
<td>Last EDR Contact: 07/27/2015</td>
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<td>Next Scheduled EDR Contact: 11/09/2015</td>
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<td>Data Release Frequency: Annually</td>
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</table>

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

<table>
<thead>
<tr>
<th>Date of Government Version: 06/03/2015</th>
<th>Source: City of Torrance Fire Department</th>
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</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 06/04/2015</td>
<td>Telephone: 310-618-2973</td>
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<tr>
<td>Date Made Active in Reports: 07/06/2015</td>
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<td>Next Scheduled EDR Contact: 10/28/2015</td>
</tr>
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</table>

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

<table>
<thead>
<tr>
<th>Date of Government Version: 05/28/2015</th>
<th>Source: Madera County Environmental Health</th>
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</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 05/29/2015</td>
<td>Telephone: 559-675-7823</td>
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<tr>
<td>Date Made Active in Reports: 06/15/2015</td>
<td>Last EDR Contact: 05/22/2015</td>
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<td>Number of Days to Update: 10</td>
<td>Next Scheduled EDR Contact: 09/07/2015</td>
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<td>Data Release Frequency: Varies</td>
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MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

<table>
<thead>
<tr>
<th>Date of Government Version: 10/08/2014</th>
<th>Source: Public Works Department Waste Management</th>
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</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 10/22/2014</td>
<td>Telephone: 415-499-6647</td>
</tr>
<tr>
<td>Date Made Active in Reports: 12/15/2014</td>
<td>Last EDR Contact: 07/06/2015</td>
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<td>Number of Days to Update: 54</td>
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</tr>
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</table>

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

<table>
<thead>
<tr>
<th>Date of Government Version: 05/22/2015</th>
<th>Source: Merced County Environmental Health</th>
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<tr>
<td>Date Data Arrived at EDR: 05/26/2015</td>
<td>Telephone: 209-381-1094</td>
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<td>Date Made Active in Reports: 06/05/2015</td>
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<td>Number of Days to Update: 10</td>
<td>Next Scheduled EDR Contact: 09/07/2015</td>
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<td>Data Release Frequency: Varies</td>
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MONO COUNTY:
MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

- Date of Government Version: 06/30/2015
- Date Data Arrived at EDR: 07/07/2015
- Date Made Active in Reports: 07/16/2015
- Number of Days to Update: 9

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

- Date of Government Version: 12/05/2011
- Date Data Arrived at EDR: 12/06/2011
- Date Made Active in Reports: 02/07/2012
- Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

- Date of Government Version: 01/15/2008
- Date Data Arrived at EDR: 01/16/2008
- Date Made Active in Reports: 02/08/2008
- Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

- Date of Government Version: 06/03/2015
- Date Data Arrived at EDR: 06/04/2015
- Date Made Active in Reports: 07/22/2015
- Number of Days to Update: 48

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.
List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

SACRAMENTO COUNTY:
Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 10
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 7
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:
Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:
Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies
Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities
A listing of underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 10
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/10/2015
Number of Days to Update: 15
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.
## Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: San Mateo County Environmental Health Services Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 650-363-1921</td>
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<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 06/10/2015</td>
</tr>
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<td>Number of Days to Update</td>
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<tr>
<td>Data Release Frequency</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

## SANTA BARBARA COUNTY:

### CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Santa Barbara County Public Health Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 805-686-8167</td>
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<td>Date Made Active in Reports</td>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 09/07/2015</td>
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<tr>
<td>Data Release Frequency</td>
<td>Varies</td>
</tr>
</tbody>
</table>

## SANTA CLARA COUNTY:

### Cupa Facility List
Cupa facility list

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Environmental Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 408-918-1973</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 06/05/2015</td>
</tr>
<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 09/07/2015</td>
</tr>
<tr>
<td>Data Release Frequency</td>
<td>Varies</td>
</tr>
</tbody>
</table>

### HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Santa Clara Valley Water District</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 408-265-2600</td>
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<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 03/23/2009</td>
</tr>
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<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 06/22/2009</td>
</tr>
<tr>
<td>Data Release Frequency</td>
<td>No Update Planned</td>
</tr>
</tbody>
</table>

### LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source: Department of Environmental Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR</td>
<td>Telephone: 408-918-3417</td>
</tr>
<tr>
<td>Date Made Active in Reports</td>
<td>Last EDR Contact: 06/01/2015</td>
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<tr>
<td>Number of Days to Update</td>
<td>Next Scheduled EDR Contact: 09/14/2015</td>
</tr>
<tr>
<td>Data Release Frequency</td>
<td>Annually</td>
</tr>
</tbody>
</table>

### Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.
Date of Government Version: 08/10/2015  Source: City of San Jose Fire Department
Date Data Arrived at EDR: 08/14/2015  Telephone: 408-535-7694
Date Made Active in Reports: 09/03/2015  Last EDR Contact: 08/07/2015
Number of Days to Update: 20  Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List  
CUPA facility listing.

Date of Government Version: 05/22/2015  Source: Santa Cruz County Environmental Health
Date Data Arrived at EDR: 05/26/2015  Telephone: 831-464-2761
Date Made Active in Reports: 06/08/2015  Last EDR Contact: 05/22/2015
Number of Days to Update: 13  Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List  
Cupa Facility List.

Date of Government Version: 06/12/2015  Source: Shasta County Department of Resource Management
Date Data Arrived at EDR: 06/16/2015  Telephone: 530-225-5789
Date Made Active in Reports: 07/10/2015  Last EDR Contact: 05/26/2015
Number of Days to Update: 24  Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks  
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015  Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 06/24/2015  Telephone: 707-784-6770
Date Made Active in Reports: 07/14/2015  Last EDR Contact: 06/10/2015
Number of Days to Update: 20  Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks  
Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015  Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 06/30/2015  Telephone: 707-784-6770
Date Made Active in Reports: 07/07/2015  Last EDR Contact: 06/10/2015
Number of Days to Update: 7  Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List  
Cupa Facility list.

Date of Government Version: 06/22/2015  Source: County of Sonoma Fire & Emergency Services Department
Date Data Arrived at EDR: 06/26/2015  Telephone: 707-565-1174
Date Made Active in Reports: 07/14/2015  Last EDR Contact: 06/22/2015
Number of Days to Update: 18  Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies
Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

| Date of Government Version: 07/01/2015 | Source: Department of Health Services |
| Date Data Arrived at EDR: 07/07/2015 | Telephone: 707-565-6565 |
| Date Made Active in Reports: 07/14/2015 | Last EDR Contact: 06/22/2015 |
| Number of Days to Update: 7 | Next Scheduled EDR Contact: 10/12/2015 |
| Date Made Active in Reports: 07/14/2015 | Data Release Frequency: Quarterly |

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

| Date of Government Version: 06/05/2015 | Source: Sutter County Department of Agriculture |
| Date Data Arrived at EDR: 06/09/2015 | Telephone: 530-822-7500 |
| Date Made Active in Reports: 07/06/2015 | Last EDR Contact: 06/05/2015 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 09/21/2015 |
| Data Release Frequency: Semi-Annually |

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

| Date of Government Version: 07/13/2015 | Source: Division of Environmental Health |
| Date Data Arrived at EDR: 07/28/2015 | Telephone: 209-533-5633 |
| Date Made Active in Reports: 08/03/2015 | Last EDR Contact: 07/24/2015 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: 11/09/2015 |
| Data Release Frequency: Varies |

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

| Date of Government Version: 07/27/2015 | Source: Ventura County Environmental Health Division |
| Date Data Arrived at EDR: 08/17/2015 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 09/03/2015 | Last EDR Contact: 08/12/2015 |
| Number of Days to Update: 17 | Next Scheduled EDR Contact: 11/30/2015 |
| Data Release Frequency: Quarterly |

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

| Date of Government Version: 12/01/2011 | Source: Environmental Health Division |
| Date Data Arrived at EDR: 12/01/2011 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 01/19/2012 | Last EDR Contact: 06/26/2015 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 10/19/2015 |
| Data Release Frequency: Annually |

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

| Date of Government Version: 05/29/2008 | Source: Environmental Health Division |
| Date Data Arrived at EDR: 06/24/2008 | Telephone: 805-654-2813 |
| Date Made Active in Reports: 07/31/2008 | Last EDR Contact: 08/12/2015 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 11/30/2015 |
| Data Release Frequency: Quarterly |
Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 36
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/27/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

YOLO COUNTY:
Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 07/08/2015
Date Data Arrived at EDR: 07/13/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 9
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

YUBA COUNTY:
CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

OTHER DATABASE(S)
Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: No Update Planned
NJ MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.
Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/19/2015
Number of Days to Update: 25
Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information
Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19
Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Telephone: 281-546-1505
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: 800-823-6277
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.
AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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STATEMENT OF QUALIFICATIONS

FOR

ENVIRONMENTAL DUE DILIGENCE
Basics provides the environmental knowledge and expertise you can rely on.

Education, licenses, registrations, certifications, and memberships.

Basics Environmental, Inc. (Basics) is a minority owned business Enterprise (MBE) specializing in Phase I & II Environmental Site Assessments, Environmental Compliance Audits, Environmental Marketing, and Environmental Communications.

Donavan Tom, Principal Consultant, is an expert in performing "Phase I & II" environmental site assessments, environmental audits, and reviews for real estate and financial transactions. Mr. Tom meets the definition of “Environmental Professional” as defined by the Environmental Protection Agency's Final Rule (40 CFR 312.21) and has the specific qualifications based on education, training and experience to develop and perform the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Mr. Tom is also a National Registered Environmental Property Assessor #213165 and holds a Masters in Business Administration (M.B.A.) in Management and Marketing from Golden Gate University and a Bachelors of Science (B.S.) in Biomedical Physics from the University of California at Berkeley.

Mr. Tom has also been very active within the environmental industry for over twenty years. As such, Mr. Tom has been a member of the Professional Environmental Marketing Association (P.E.M.A.) Northern California Chapter since its inception in 1990 and served on the board of directors for the years (1992-1994). In addition, Mr. Tom has also been a member within the State Bar of California Environmental Forum (C.E.L.F.), Chinese American Environmental Protection Association (C.A.E.P.A.) and within several commercial real estate associations including the Northern California Commercial Association of Realtors (N.C.C.A.R.), Association of Commercial Real Estate (A.C.R.E.), and Investment Marketing Forum (I.M.F.).

Experience in the environmental field, specialties, and experience working within the bounds of a wide range of federal, state, and local laws and oversights.

Before forming Basics in November 1994, Mr. Tom served for some of the top national environmental engineering consulting firms including Air Water Technologies/Metcalf & Eddy, Inc., Kleinfelder, Inc., and The MARK Group, Inc.
Through his experience with these firms, Mr. Tom has gained the knowledge in performing cost-effective, high quality Phase I & II environmental assessment reports and reviews in a clear, concise and effective way demanded by the real estate and financial industry.

Under the direction of Mr. Tom, Basics provides the environmental status of a subject property or properties that support your process in evaluating the "risks" associated with providing financing for transactions. Depending upon applicable federal and state laws, the costs of environmental cleanup could materially affect your risk of loss and/or impair the value of your security interest in the uses of the subject property. Accordingly, Basics provides all the appropriate inquiries into the previous ownership and uses of the subject property consistent with good commercial and prudent engineering practices in an effort to minimize liability, and follows, at a minimum, the protocols set forth by The American Society for Testing & Materials (ASTM) Standard E1527, Standard Practice for Environmental Site Assessments, Phase I Environmental Site Assessment Process and and U.S. Environmental Protection Agency’s All Appropriate Inquiry (AAI) Final Rule 40 CFR Part 312”.

Because environmental concerns differ from site to site, specific client requirements also differ. Basics consistently employs a phased approach. At the completion of a phase, Basics orally advises the client of the findings and prepares a summary report. If the data do not support a satisfactory level of confidence regarding potential environmental liability, Basics will submit a proposal for the next phase of work for the client's review and approval of the work scope and cost. The client is always in control of the level of effort we provide.

Basics is prepared to address these concerns by delivering site specific Phase I & II environmental site assessments that are always objective, systematic, and carefully documented. Basics has developed expertise in assessing the impacts of present and/or past hazardous waste practices on air, soil and water quality, evaluating the significance of this impact with respect to beneficial uses and public health, as well as assisting in complying with applicable environmental permits and regulations. Review of current and past facility operations and practices are conducted in a prompt and professional manner, and client confidentiality remains a prime concern throughout. Basics has provided the appropriate inquiry into, depending upon the facts and circumstances of the subject property, the present and historical uses and the facilities present thereon. From these inquiries Basics has identified conditions which indicated the advisability of further investigation.

Basics has a strong base of capabilities in dealing with regulatory compliance and hazardous waste management. Basics approach includes beginning each project with a thorough and complete project plan in line with the client's goals followed by proper subcontractor management and cost control, finishing with smooth running operations and client satisfaction.
Basics possess the experience, technical competence, and the objectivity to deliver the optimal solutions to each client's specific needs. Basics commitment is to deliver the solution on time and within budget.

Basics provides a solid understanding and record of experience in working with regulatory agencies at the local, state, and federal level on environmental issues related to real estate transactions. As Principal Consultant, Mr. Tom prides himself on his knowledge and application of federal, state and local environmental laws and regulations. The quality of our reports is highly regarded by the financial and real estate community. Basics reports have often been met with unqualified approvals or have been accepted without major revisions. This fact alone has saved clients valuable time and expense and has resulted in expedited project implementation.

**Supervisory experience and written materials demonstrating supervisory training and/or skills.**

Basics experience with some of the largest financial lending institutions in the country as well as the smaller community banks has provided the knowledge in performing cost-effective, high quality environmental assessment reports, clear and effective environmental communications, and winning marketing strategies required in the commercial real estate lending industry.

Besides receiving a MBA and formal training in business management, Mr. Tom regularly trains, manages, and reviews the work of Basics environmental professionals in the performance of environmental transaction screens, Phase I & II environmental site assessments, and environmental facility audits. Typically, in the case of quick turnaround projects such as Phase I environmental site assessments, project progress meetings are held every morning regarding the progress to date, scheduling problems, major technical problems, future actions required, and follow-up responsibilities.

Provisions for acceleration of work tasks to keep the project on schedule. In the event delays are experienced, the approach that will be used to accelerate work will involve the implementation of one or more of the following actions:

1) Personal commitment of working overtime (nights, weekends, or holidays whatever it takes to get the job done on schedule and within budget).
2) Extra concentration of effort on critical path tasks.
3) Addition of reserve personnel, if necessary.
4) Extra concentration of effort on critical path tasks.
Mr. Tom’s ability to effectively manage a staff of environmental professionals was best illustrated in response to a fast-track acquisition of a small banking institution by Comerica Bank. While employed by his previous employer, Mr. Tom managed the performance of 34 Phase I environmental and asbestos reports for sites located throughout northern California and provided an executive report summarizing the findings of all the 34 sites all within ten business days.

Mr. Tom met this challenge by quickly mobilizing an experienced team of eight qualified environmental professionals to complete the reports on time. Site visits were conducted for the purpose of reviewing the property for the obvious presence of toxic or hazardous materials. A special checklist adhering to Comerica’s requirements was used to facilitate the assessment process.

Under the direct supervision of Mr. Tom, the Phase I environmental team then reviewed pertinent records provided by the former bank as well as information obtained from a database search of available local, state and federal agency lists. This review characterized the site history and the facility’s compliance history.

Thirty four separate reports describing the results of each site visit and records evaluation were presented to the client in draft form within seven working days and the final reports were presented within the 10 business day deadline. In addition, asbestos sampling, testing and reporting was performed by a certified asbestos subcontracting firm and the results were provided in each report. Plus a fifty year chain of title guarantees were performed by title subcontractors and issued as follow up reports for ten of the sites.

This project is an example of Mr. Tom’s ability to coordinate, supervise and train multiple environmental specialists to produce numerous reports within tight deadlines to meet client needs and requirements. In addition, although the project was virtually impossible to complete within ten business days the dedication of the project team was evident in their commitment to working nights and over a holiday weekend.
**Basics performs the right amount of environmental due diligence you require.**

**Environmental Due Diligence**

The US Environmental Protection Agency (EPA) oversees enforcement and clean up of contaminated sites across the United States. The federal government enacted the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in 1980. If you own or have ever owned a property that is presently contaminated, you may be designated as a potentially responsible party (PRP) under the CERCLA regulations. Being designated as a PRP means you may be financially responsible for cleaning up environmental contamination you did not create.

The only way to avoid this liability is through the “Innocent Landowner Defense”. In order to qualify for this defense, you have to show that you made a significant effort to determine if the property was contaminated before you bought it. This effort is called Due Diligence. A properly conducted Phase I Environmental Site Assessment meets the requirements for due diligence.

Lenders as well as potential title holders of a property follow a number of steps to evaluate the fiscal risks before financing properties. An environmental assessment helps evaluate the suitability of the financed property as collateral. *(1) Will the property value decline as a result of environmental liabilities that are identified before the loan payoff? and (2) If the borrower defaults, will the bank own a property that is a liability rather than an asset?*

The potential costs for environmental site investigations and remediation are substantial. Soft costs for investigation, reporting, and regulatory response can represent a large percent of the property value. Add costs for sampling, analysis, corrective action implementation, and long-term monitoring, and the overall remediation budget can easily exceed property values. Consequently, potential losses are greater for less valuable property because eventual sale of the property will recover a smaller percentage of the remediation costs.

In view of the potential costs for site cleanups, lenders as well as potential title holders of a property utilize environmental assessments to help identify high-risk sites.
Note: The amount of due diligence a Lender may require depends upon the amount of environmental business risk the lender is willing to accept. Many lenders will require a lesser degree of due diligence that is required in a properly conducted Phase I Environmental Site Assessment (i.e., Environmental Questionnaire, Environmental Database Review, Environmental Transaction Screen, Limited Phase I Environmental Site Assessment, etc.). Currently, only a properly conducted Phase I Environmental Site Assessment will meet the requirements of the “Innocent Landowner Defense”.

**Degrees of Environmental Due Diligence**

**Environmental Questionnaire.** The Environmental Questionnaire is typically utilized for *all potential sites* as a starting point for the lender to assess environmental business risk. This scope of work typically involves a standard Environmental Questionnaire.

The borrower will typically fill out a standard questionnaire regards to current and past uses regarding the use of hazardous materials and physical characteristics of the property.

**Environmental Database Review.** The Environmental Database Review is typically utilized for *residentially zoned sites which do not currently utilize hazardous materials and are not believed to have utilized hazardous materials in the past*. This scope of work typically involves the following:

1. Environmental Database Search

Basics environmental professionals will obtain and review publicly available information maintained by various federal, state, and local governmental agencies with administer environmental regulations, including records of known or potentially contaminated and/or problem sites, landfills, and other disposal sites, and underground storage tank records (for both leaking and registered USTs). FirstSearch, Inc. and Environmental Data Resources, Inc. are reliable commercial sources and will be subcontracted to generate the lists.
**ASTM Environmental Transaction Screen.** The Environmental Transaction Screen is typically utilized for *commercially zoned sites which do not currently utilize hazardous materials and are not believed to have utilized hazardous materials in the past.* This scope of work typically involves the following:

1. Environmental Database Search

2. Historical Research.

Basics environmental professionals will obtain and interpret readily available historical information to provide brief research into the potential presence of an environmental condition associated with historic activities. Readily available information may include: fire insurance maps (Sanborn Fire Insurance Maps), topographic maps, local street maps/directories, aerial photographs, building department records, and fire department records. Historical research of the property and the surrounding properties typically extend far back as 1940 or first development of the property.

3. Site Reconnaissance.

Basics environmental professionals will perform a visual inspection of the site noting number of buildings, approximate size of buildings' footprints, number of stories each, approximate age of buildings, occupancy status, pavement, fences, foundation/ruins, utilities, and ancillary structures in order to discover evidence of the presence or likely presence of impacts or other environmental problems on the subject property. In addition, visual inspection of adjacent sites will be made from the subject site and/or from access roads, as appropriate for the assessment of the property.

At a minimum, Basics environmental professionals will walk the perimeter boundary of the property, each side of the drainage pathways, the boundaries of all on-site bodies of water, and a grid pattern for remaining exterior areas (including overgrown or wooded areas). For the interior of the structures on the property, environmental professionals will, at a minimum, visually inspect accessible common areas expected to be used by occupants or the public (e.g., lobbies and hallways), maintenance and repair areas (e.g., boiler rooms), and a representative sample of occupant spaces.

The visual inspection will consider past and present use(s) of the property that may adversely impact the soil and/or ground water. The ASTM Environmental Transaction Screen Questionnaire is utilized to facilitate this process.
(4) Interviews.

Basics environmental professionals will interview easily accessible site contacts (property/site managers, environmental managers, real estate agents, local county personnel, etc.) with knowledge of the current and past uses and physical characteristics of the property. The ASTM Environmental Transaction Screen Questionnaire is utilized to facilitate this process.

(5) Summarizing Report.

This phase of the assessment concludes with a report describing the results of the historical review, site visit and database records evaluation.

**ASTM Environmental Transaction Screen + Local Regulatory Agency File Review.** The Environmental Transaction Screen + Local Regulatory Agency File Review is typically utilized for *commercially zoned sites which currently do not utilize hazardous materials, however may have utilized hazardous materials in the past.* This scope of work typically involves the following:

1. **Environmental Database Search**
2. **Historical Research.**
3. **Site Reconnaissance.**
4. **Interviews.**
5. **Local Regulatory Agency File Review.**

A review of local enforcing agency (Regional Water Quality Control Board, County Environmental Health, local Fire Department, etc.) personnel and files, where reasonably available and to the extent necessary, will be conducted to identify sites with "known" or "potential" contamination and "environmentally sensitive business activities" on or adjacent and/or “perceived” up gradient of the subject property. The files will be reviewed to determine:

1. if the identified known or potential properties are listed on the regulatory databases;
2. if there are any issued environmental permits;
3. if there have been any notice of violations;
4. if any corrective actions have been taken;
5. if there have been any complaints;
6. if there have been any environmental investigations;
7. if there is any other pertinent environmental information.
(5) Summarizing Report.

This phase of the assessment concludes with a report describing the results of the historical review, site visit, database records evaluation and local regulatory agency file review.

**ASTM/AAI Phase I Environmental Site Assessment.** The Phase I Environmental Site Assessment is typically utilized for *residential or commercially zoned sites which currently utilize hazardous materials or want to avoid environmental liability through the “Innocent Landowner Defense”*. This scope of work typically involves the following:

(1) Environmental Database Search

(2) Historical Research.

In addition to the historical research performed as part of an Environmental Transaction Screen, the Basics environmental professionals will obtain and interpret at least one reasonably ascertainable historical resources within specific time frames (typically every five to ten years). Historical research of the property and the surrounding properties typically extend far back as 1940 or first development of the property.

(3) Site Reconnaissance.

(4) Interviews.

(5) Local Regulatory Agency File Review.

In addition to the local enforcing agency files review as performed as part of an Environmental Transaction Screen + Local Regulatory Agency File Review, Basics environmental professionals will review building department records and fire department records. The files will be reviewed to determine: (1) if there are any issued environmental related permits; and (2) if there is any other pertinent environmental information.

(6) Physical Setting Evaluation.

Environmental professionals will obtain, where reasonably available, site geological information. Data may be obtained from available topographic elevation maps, soil lithology maps, surficial geological maps, bedrock geology maps, and ground-water maps.
(7) Summarizing Report.

This phase of the assessment concludes with a report describing the results of the historical review, site visit, database records evaluation and local regulatory agency file review. In addition, site topographical location maps, site layout representative maps, representative site photographs, and any other relevant information will be included.

**Conclusions and Environmental Issues**

The objective of any degree of environmental due diligence is to identify potential environmental issues associated with a property. If findings indicate hazardous materials in any quantity are being utilized or have been utilized in the past on the property, then this would constitute an environmental issue.

Environmental issues are separated into two categories: recognized environmental conditions and de minimus conditions.

(1) Recognized Environmental Condition (REC).

Recognized environmental conditions means, "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on a property or into the ground, groundwater, or surface water of the property."

Basically, evidence was discovered that there is a significant potential that a hazardous substance has been released from its operation onto (or into) the surface and may be subject to government enforcement

(2) De minimus condition.

De minimus condition means, "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that did not indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on a property or into the ground, groundwater, or surface water of the property,"

655 12TH STREET, #126 • OAKLAND, CA • 94607 • TEL/FAX 510-834-9099 / 9098
Basically, no compelling evidence was discovered that there is a significant potential that a hazardous substance has been released from its operation onto (or into) the surface and are not likely to be subject to government enforcement.

Because ultimately it remains the user who accepts the liability for having entered into a chain of title, it remains important that the user recognize that the “risk tolerance” of a regulatory agency could change, as could be the case if information is later uncovered to suggest that the de minimus conditions (i.e., those that generally do not present a material risk of harm to public 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) are of greater significance than once thought.

Based on the de minimus condition stated above, additional scope of services, may or may not disclose information which may significantly reduce the “risk tolerance” in connection with the acquisition of a parcel of commercial real estate.

**Phase II Site Investigations**

If findings indicate recognized environmental conditions, then further investigation and documentation is warranted.

(1) Limited Phase II Environmental Site Sampling.

A Phase II site investigation is the evaluation of recognized environmental conditions (i.e. confirmation of the significant potential of a release into soil, groundwater, or structures on a property).

Basically, soil and/or ground water sampling is required to address the potential that a hazardous substance has been released from its operation onto (or into) the surface.

This phase of an environmental assessment can require multiple steps, however, typically starts out as a private investigation (i.e. Limited Phase II Environmental Site Sampling).

If results of the sampling indicates levels of hazardous materials in the soil and/or ground water above the local regulatory action levels, recommendations for further review by the federal or state and local agencies is warranted. A report of positive contamination may require the owner/operator to define or provide more specific information about the release into soil, groundwater, or structures on a property, etc. subject to government enforcement (i.e. additional Phase II Site Investigations).
(2) Baseline Environmental Sampling.

If findings indicate de minimus conditions, then further investigation and documentation is optional.

Baseline Environmental Sampling is the evaluation of de minimus conditions (i.e. confirmation of a potential release into soil, groundwater, or structures on a property).

Basically, soil and/or ground water sampling is optional (based on the environmental risk level required by the client) to address the potential that a hazardous substance has been released from its operation onto (or into) the surface.

If results of the sampling indicates levels of hazardous materials in the soil and/or ground water above the local regulatory action levels, recommendations for further review by the federal or state and local agencies is warranted.
Basics delivers the environmental due diligence you demand.

Proven Performance

Basics specializes in performing Phase I & II Environmental Site Assessments and Environmental Compliance Audits for real estate transactions on a quick turnaround basis. Throughout Mr. Tom's environmental career he has been involved with performing environmental site assessments for real estate transactions almost since the inception of Property Transfer Assessments, as they were called in the 1980's. Since that time Mr. Tom has performed thousands of environmental assessments and has seen the industry mature and reports become standardized under ASTM in 1994 and AAI in 2006.

Basics was formed by Mr. Tom to apply his in-depth knowledge of the Phase I & II industry and provide the required due diligence demanded by the financial industry and compile the data and recommendations into professionally stamped high-quality reports quickly and cost-effectively in accordance with industry standards and/or client defined protocols. Basics specializes in providing only these “basic” Phase I & II environmental reports for sites throughout Northern California and as such we believe our Phase I & II environmental site assessment reports are the best in Northern California!

As an “approved environmental consultant” with almost all of the major financial institutions as well as a U.S. Small Business Administration (SBA) preferred contractor, Basics implements various Phase I environmental site assessment studies and Phase I environmental reviews for properties under consideration by public and private financial institutions for real estate transfer and financial transactions.

The various environmental site assessment studies ranged in scope from performing ASTM Environmental Transaction Screens to Full ASTM-AAI Phase I Environmental Site Assessments. In addition, expert opinion and recommendations were given on prior environmental reports performed by other environmental professionals. Sites assessed have ranged from commercial office buildings and motels to gasoline service stations and hazardous waste processing facilities.
References

Below is a brief list of references who can attest to the overall firm capabilities, performance and quality of work products. In addition, copies of letters of recommendation have been attached.

- The Mechanics Bank
  1111 Civic Drive, Suite 240
  Walnut Creek, CA 94596
  Mr. Tony Barsotti (925) 256-3015
  Mr. Mark Corsa, MAI (925) 256-3071
  (Various Phase I/II/III Reports)

- River City Bank
  2485 Natomas Park Drive
  Sacramento, CA 95833
  Mr. Patrick McHone (916) 567-2640
  Ms. Karrie Blevins (916) 567-2732
  (Various Phase I Reports)

- Wells Fargo Bank
  1298 East 14th Street, Suite 320
  San Leandro, CA 94577
  Mr. Mark Raffield (415) 336-0465
  (Various Phase I/II Reports)

- California Bank of Commerce
  3595 Mt. Diablo Boulevard, 2nd Floor
  Lafayette, CA 94549
  Mr. Tom Park (925) 283-2265
  Ms. Terry Guillory (925) 283-2265
  (Various Phase I Reports)

- Fremont Bank
  39176 Fremont Blvd.
  Fremont, California 94538
  Ms. La Wana Whitley (925) 315-3890
  Ms. Kim Nguyen (925) 315-3734
  Mr. Ron La Rusa (510) 612-2346
  (Various Phase I Reports)
• First Republic Bank  
  1400 Civic Drive  
  Walnut Creek, CA  94596  
  Mr. Doug Cook (925) 952-8296  
  Ms. Houng Le (925) 952-8290  
  (Various Phase I Reports)

• Cathay Bank  
  2010 Tully Road  
  San Jose, CA  95122  
  Mr. Edward Wong (408) 238-8880  
  Ms. Tracy Trinh (408) 238-8880  
  (Various Phase I Reports)

• Bay Area Development Company  
  1801 Oakland Boulevard, Suite #100  
  Walnut Creek, CA  94596  
  Mr. Joe Lampe (925) 926-1020  
  Mr. Robert Thompson (650) 472-5603  
  (Various Phase I/II Reports)

• Capital Access Group  
  150 California Street, Suite 250  
  San Francisco, CA  94111  
  Ms. Jacquelin Jordan (415) 217-7600  
  Mr. Kurt Chambliss (925) 786-7777  
  (Various Phase I/II/III Reports)

• Capital Funding  
  5428 Watt Avenue  
  N. Highlands, CA, 95660  
  Dennis Funkhouser (916) 339-0456  
  (Various Phase I/II Reports)

• U.S. Bank  
  101 California Street, Suite 130  
  San Francisco, CA  94111  
  Mr. Ole Tustin (415) 399-8068  
  (Various Phase I/II/III Reports)
• River City Bank
  2485 Natomas Park Drive
  Sacramento, CA  95833
  Mr. Patrick McHone (916) 567-2640
  (Various Phase I Reports)

• Cathay Bank
  2010 Tully Road
  San Jose, CA  95122
  Mr. Edward Wong (408) 238-8880
  (Various Phase I Reports)

• California Bank of Commerce
  3595 Mt. Diablo Boulevard, 2nd Floor
  Lafayette, CA  94549
  Mr. Tom Park (925) 283-2265
  Ms. Terry Guillory (925) 283-2265
  (Various Phase I Reports)

• Bay Area Development Company
  1801 Oakland Boulevard, Suite #100
  Walnut Creek, CA  94596
  Mr. Joe Lampe (925) 926-1020
  Mr. Robert Thompson (650) 472-5603
  (Various Phase I/II Reports)

• Capital Access Group
  150 California Street, Suite 250
  San Francisco, CA  94111
  Ms. Jacquelin Jordan (415) 217-7600
  Mr. Alan Jung (415) 217-7600
  (Various Phase I/II/III Reports)

• Wachovia Small Business Capital
  1690 20th Avenue
  San Francisco, CA  94122
  Mr. Mark Raffield (415) 242-0486
  (Various Phase I Reports)
November 30, 2007

To Whom It May Concern:

I highly recommend Basics Environmental, Inc. based on my experience of utilizing the company for obtaining environmental due diligence reports over the past 10 years. Donovan Tom and his associates at Basics Environmental, Inc, provide comprehensive reports within a short period of time at fair price. My clients and Wachovia Small Business Capital have benefited greatly over the years by using this company's services.

Please do not hesitate to contact me for any questions.

Mark Raffield
VP/Senior Business Development Officer
Wachovia Small Business Capital
1690 20th Avenue
San Francisco, CA 94122
Tel: 415-242-0486
Fax: 415-242-0487
Cell: 415-336-0465
Email: mark.raffield@wachoviasbc.com
August, 2000

Mr. Donovan Tom, R.E.A.
116 Giorgietta Blvd.
Orinda, CA 94563

To Whom It May Concern:

US Bank, SBA Division has used Basics Environmental’s services for over four years in environmental issues that face our transactions.

Donovan Tom and Basics Environmental has been the environmental consultant for most Commercial Real Estate loans originating from the San Francisco Loan Production Office. In every project (40+), Basics has exceeded expectations in timing, so much so that Donovan has earned the respect and admiration of many of our brokers and borrowers for his sense of urgency and expertise.

Donovan’s professional detail and close personal attention are displayed in every deal. In addition, his solid environmental contacts in business and regulatory agencies throughout the Bay Area have further expedited the work process. We appreciate his work ethic and value the relationship.

We openly recommend Basics to clients and colleagues alike.

Sincerely,

[Signature]

Ole Tustin
Vice President
SBA Business Development
US Bank SBA Division, San Francisco
June 3, 1997

Mr. Donovan G. Tom, R.E.A.
Basics Environmental
46 Circle Creek Court
Lafayette, CA 94549

To whom it may concern:

Bank of Commerce has used Donovan Tom's services for over one year in environmental issues that face our transactions.

Donovan Tom and Basics Environmental has been the environmental consultant for most Commercial Real Estate loans originating from the San Francisco Loan Production Office. In every project, Basics has exceeded expectations in timing. Donovan's professional detail and close personal attention are displayed in every deal. We appreciate his work ethic and value the relationship.

We openly recommend Basics to clients and colleagues alike.

Sincerely,

[Signature]

Jeff Phillips
Vice President
SBA Business Development
San Francisco L.P.O.
7 February 1997

Donavan G. Tom, R.E.A.
Basics Environmental
46 Circle Creek Court
Lafayette, CA. 94549

Re: Recommendation of Basics Environmental

Dear Sir/Madam,

Basics Environmental has been providing environmental assessment services to The Mechanics Bank for the past several years. He has assisted me and several of my colleagues on many of our construction, mixed use, and industrial commercial loan transactions requiring Environmental Transaction Screens and Environmental Phase I Site Assessments.

Mr. Tom has demonstrated an ability to meet or exceed the standards set forth by our institution and the environmental industry. Mr. Tom is professional, provides a quality product, and has always delivered product in a timely manner.

For these reasons, we recommend the engagement of Basics Environmental for use in assessing environmental conditions of real property to other financial institutions and other users in need of environmental assessment services.

Most sincerely,

Patrick T. McHone
Vice President
Corporate Banking Department
Walnut Creek Office

1646 North California Blvd., Walnut Creek CA 94596-8064
February 5, 1997

Donavan G. Tom, R.E.A.
Basics Environmental
46 Circle Creek Court
Lafayette, CA 94549

To whom it may concern,

Basics Environmental (Basics) has been a valuable asset in providing environmental consulting services for our firm.

They have assisted us in many projects, including Environmental Transactions Screens and Environmental Phase I Site Assessments which have met or exceeded protocols set forth by the latest standards set forth by the American Society for Testing and Materials (ASTM) Standard E1528, Standard Practice for Environmental Site Assessments.

In all cases we have found Basics to be very competent and professional firm that has been instrumental in assessing the commercial properties within our portfolio.

We would not hesitate to give a strong recommendation of approval for the services of Basics to anyone who has need for an environmental consultant.

Sincerely yours,

Rita Chao
Grand Pacific Financing Corp.
11 March 1997

Donavan G. Tom, R.E.A.
BASICS ENVIRONMENTAL
48 Circle Creek Court
Lafayette, Ca 94549

To Whom it may concern,

Finally, we met Donavan Tom who did everything he promised! We are very happy with the way Basics Environmental handled our request for an environmental survey.

As the Business Development Officer for Alameda County, we at The Money Store Investment Corporation want to mention how we appreciated working with your company and the fine level of service you gave us. It would be our pleasure to refer anyone looking for professional environmental services to you and your fine company.

Sincerely,

Alex Escobar
The Money Store
DATE: 1-12-01
TO: Donavan Tom/ basics environmental
    cc: file
FROM: Serpico Landscaping, Inc. / Sharon Serpico Hansen
RE: Environmental Report

Thank you for the excellent report. It was well researched, well put together and understandable to someone not in your industry.

We have decided not to purchase the property due to the number of problems we have been made aware of. We are thankful for your advice and report as it helped clarify a number of questions we had.

We will absolutely contact you again if we ever need another environmental report.
Monday June 15, 1998

Donavan G. Tom, R.E.A.
BASICS ENVIRONMENTAL
46 Circle Creek Court
Lafayette, Ca 94549

To Whom it may concern,

Finally, we met Donavan Tom who did everything he promised! We are very happy with the way Basics Environmental handled our request for an environmental survey.

As the Business Development Officer for Alameda and Contra Costa counties, we at Cupertino National Bank want to mention how we appreciated working with your company and the high level of service you gave us. It would be our pleasure to refer anyone looking for professional environmental services to you and your fine company.

Sincerely,

Alex Escobar
Business Development Officer
East Bay Region
DONAVAN G. TOM, M.B.A., E.P., R.E.P.A.

EDUCATION
M.B.A., Management, Golden Gate University, San Francisco, 1988
B.S., Bio/Medical Physics, University of California, Berkeley; 1987

REGISTRATION
Registered Environmental Assessor I, 1994 - California #05598
Registered Environmental Assessor II, 1999 - California #20039
Registered Environmental Property Assessor, 2013 - NREP #213165

PROFESSIONAL HISTORY
1994 - Present  Principal Consultant, Basics Environmental, Inc. Oakland, California
1992 - 1996  Environmental/Sales Manager, MWW Global/The MARK Group, Inc., Pleasant Hill, California
1991 - 1992  Senior Environmental/Marketing Specialist, AECOM/Metcalf & Eddy, Inc., Santa Clara/Redwood City, California
1989 - 1991  Environmental/Marketing Coordinator, Kleinfelder Inc., Walnut Creek, California
1988 - 1989  Marketing Intern, Legal Assistance for Seniors Inc., Oakland, California
1988         Environmental Marketing Intern, Berkeley, California
1985 - 1987  Chemistry Intern, University of California, Berkeley, California

PROFESSIONAL AFFILIATIONS
Professional Environmental Marketers Association - Board of Directors (92-94)
Chinese American Environmental Protection Association - Member
California State Bar Association of Environmental Law - Member
Commercial Investment Marketing Forum - Member
Northern California Commercial Association of Realtors - Member
Association of Commercial Real Estate - Member
City of Berkeley Breakfast Club - Member

SUMMARY
Mr. Tom has over twenty years of professional experience in the environmental consultancy industry. He is an expert in managing, conducting and reviewing all phases of environmental site assessments involved in real estate transactions. Mr. Tom has specifically supervised, managed and directed activities relating to the development of hazardous substance or hazardous waste site cleanup opinions using industry standards (ASTM) and preliminary endangerment assessment (PEA) and All Appropriate Inquiry (AAI) protocols and procedures. These opinions have included determining whether a significant release has occurred, whether a response action is needed, and determining the activities needed to adequately reduce environmental risk. Mr. Tom, along (along with geologists, toxicologists, chemical engineers, and other environmental professionals, as necessary) has conducted environmental assessments and investigations; directed and performed site investigation and remediation activities; evaluated site information and data and rendered opinions derived from that data; defined the work required to reduce risk from contamination; and, determined and certified that all work necessary to reduce risk from contamination has been properly conducted and that all work has been completed.

SELECTED PROJECT EXPERIENCE
- Managed and conducted a comprehensive Phase I and II environmental assessment of a former auto dismantler facility in Oakland, California. Performed the review of Federal, State and local regulatory agency records, aerial photos, and historical maps; site inspections; hydrogeologic review; personal interviews regarding previous and present hazardous material operating activities conducted at sites; and oversaw the drilling, sampling, and logging of soil borings and groundwater sampling for petroleum hydrocarbons, solvents, and metals. Secured all necessary
permits, prepared drawings and reports, negotiated with regulatory agencies on behalf of the client, and developed workplan for follow-up health risk assessment and remedial actions.

- Managed and conducted a comprehensive Phase I and II environmental assessment of a multi-tenant industrial facility in San Leandro, California. Performed the review of Federal, State and local regulatory agency records, aerial photos, and historical maps; site inspections; hydrogeologic review; personal interviews regarding previous and present hazardous material operating activities conducted at sites; and oversaw the sampling, and logging of soil and groundwater sampling as part of the final closure of former underground storage tanks at the site for petroleum hydrocarbons. Secured all necessary permits, prepared drawings and reports, negotiated with regulatory agencies on behalf of the client for site closure.

- Managed and conducted a comprehensive Phase I and II environmental assessment of a multi-tenant auto maintenance facility in Walnut Creek, California. Performed the review of Federal, State and local regulatory agency records, aerial photos, and historical maps; site inspections; hydrogeologic review; personal interviews regarding previous and present hazardous material operating activities conducted at sites; and oversaw the sampling, and logging of sediment and surface water sampling of impacted sumps for petroleum hydrocarbons, solvents, and metals. Secured all necessary permits, prepared drawings and reports, negotiated with regulatory agencies on behalf of the client, and implemented follow-up cleanup actions.

- Managed and conducted a comprehensive Phase II and III environmental site investigation and site closure of a construction maintenance yard in San Leandro, California. Managed and developed the remedial workplan for the excavation, sampling, and logging of soil impacted with petroleum hydrocarbons from former underground storage tanks. Managed the installation of ground water monitoring wells and subsequent sampling. Secured all necessary permits, prepared drawings and reports, and achieved site closure with regulatory agencies.

- Managed and conducted a comprehensive environmental assessment and facility compliance audit for two large steel processing facilities in Richmond, California. The environmental assessment was performed under Bank of America, Wells Fargo Bank and ASTM standard protocols. The facility audit included the review of all environmental documents pertaining to the general facility, Clean Air Act, Clean Water Act, Resource Conservation Recovery Act (RCRA), Storage Tanks, Emergency Planning and Community Right To Know, Polychlorinated Biphenols (PCBs), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and Environmental Management Pollution Prevention. A summary report describing the results of the environmental assessment and facility audit was completed on a "fast-track" basis within a two week period to meet the financial deadline.

- Managed and conducted a comprehensive Phase I Environmental Site Assessment for a large former shipyard facility in Alameda, California. The facility consisted of over 50 acres with numerous structures, and had an industrial history dating back to 1912. Performed the review of Federal, State and local regulatory agency records, aerial photos, and historical maps; site inspections; hydrogeologic review; personal interviews regarding previous and present hazardous material operating activities conducted at sites, and prepared drawings and reports. A summary report identifying areas of concern and further recommendations was completed on a "fast-track" basis within a two week period over the Christmas Holidays to meet the financial deadline.

- Managed in the preparation of an Oil Spill Contingency Plan (OSCP) for the County of Solano Office of Emergency Services. Work was performed according to Title 14, Subdivision 4 of the California Code of Regulations and with local agency coastal programs such as Marine Oil Spill Contingency and National Contingency Plans.
• Managed and performed the in-depth historical and environmental research to be used in as part of a litigation dispute between the State of California Department of Transportation and a large oil refining and marketing company. Gathered information from federal, state and local regulatory agencies, historical societies, universities and libraries, and aerial photographic libraries.

• Coordinated an environmental team of seven (7) environmental specialist for the conductance of thirty four (34) preacquisition environmental assessments for a large financial institution within the San Francisco Bay Area. Work performed included planning, budgeting, and scheduling for the review of Federal, State and local regulatory agency listings, title reports, and aerial photos; site inspections; asbestos surveys; hydrogeological review; personal interviews regarding previous and present hazardous material operating activities conducted at sites; and summary reports describing the results of the site visits and site history evaluations. All 34 assessments were completed on a "fast-track" basis within a two week period during a holiday period.

• Conducted a comprehensive regulatory agency list of all documented underground storage tank leak and toxic spill leak sites within the entire county of Santa Clara for the JP Morgan Investment Management Group. Work included the compilation and tabulation of all Federal, State and local regulatory agency listings into one complete report referenced by city complete with several maps denoting site location and type of spill.


• Conducted numerous Phase I Property Transaction Assessments under ASTM and Financial Institution Guidelines for various financial institutions within California. Representative financial institutions include the following:
  - Federal Deposit and Insurance Corporation, Various Bay Area
  - The Mechanics Bank, Various Northern California
  - California Bank of Commerce, Various Northern California
  - River City Bank, Various Northern California
  - Fremont Bank, Various Northern California
  - First Republic Bank, Various Northern California
  - Cathay Bank, Various Northern California
  - Scott Valley Bank, Various Northern California
  - U.S. Bancorp, Various Northern California
  - Bank of the West, Various Northern California
  - Comerica Bank, Various Bay Area
  - Wells Fargo Bank, Various Bay Area
  - Bank of America, Various Bay Area
  - Bank of Alameda, Various Bay Area
  - General Bank, Various Bay Area
  - Wachovia Small Business Financial, Various Northern California
  - Capital Access Group, Various Bay Area
  - TMC Development, Various Bay Area
  - Greater Sacramento Development, Various Northern California
  - Bay Area Development, Various Northern California
  - Grand Pacific Financing Corporation, Various Bay Area
  - Union Bank, Fairfield
  - East County Bank, San Francisco
Managed and conducted numerous Phase I and Phase II Environmental Site Assessments (ESAs) and facility evaluations for various light and heavy industrial facilities within California. Work performed typically included the review of Federal, State and local regulatory agency records, title reports, aerial photos, and historical maps; site inspections; hydrogeologic review; personal interviews regarding previous and present hazardous material operating activities conducted at sites; and summary reports describing the results of the site visits and records evaluations. Representative projects include the following:

- Electric Batter Facility, Burlingame
- Former UPS Facility, San Mateo
- LTM Construction Facility, San Leandro
- Former Southland Gas Station, San Francisco
- Shell Gasoline Stations, Sacramento Area
- Del Monte Produce Facilities, Tracy
- NewStar Produce Facilities, Salinas
- Woodworking Warehouse, San Francisco
- Empire Computer Components, Santa Clara
- Intelmatic, Fremont
- Lairds Plastics, Santa Clara
- TCL Circuit Boards, Fremont
- Codiroli Motor Company, Livermore
- Crystal Springs Medical Facility, San Mateo
- Former Fish Farm Ponds, Gustine
- Central Dry Cleaners, South San Francisco
- Former J&R Autodismantlers, Oakland
- Former BF Goodrich Tire Facility, Oakland
- Carlisle Plastics, Brisbane
- Former Le Gas Station, Lafayette
- J&R Autodismantlers, Oakland
- Cummings Hwy Extension, Crockett
- Jay Forni Steel Pipe Facility, Concord
- St. Regis Retirement Center, Hayward
- Royal Kennels, Hayward
- J. Lohr Winery, San Jose
- Whalen Medical Facility, Oakland
- Turman Painting Facility, Livermore
- Oyster Point Culvert/Hwy 101 Interchange, South San Francisco
- River Street Automotive Center, Santa Cruz
- Dixon Convalescent Home, Dixon
- Fibreboard Wood Products Parcels, Stanislaus National Forest
- Former Chevron Station, Stockton
- Former Chevron Station, Berkeley
- Pinole Point Steel Facility, Richmond
- Colorstrip Facility, Richmond
- IC Sensors Facility, Sunnyvale, Milpitas
- Ice Chalet Ice Skating Rink, San Mateo
- Montgomery Wards Auto Center, San Mateo
- Valley Automatic Fuels, San Jose
- Auto Mechanic Center, Santa Clara
- Mann Packing Co., Salinas
- City of Santa Rosa, Hotel/Convention Center
- Byron Union School District, Byron
- Devcon Airport Business Park, Santa Rosa
- Pizzagoni Towing, Antioch
- Ace Recyclers, Oakland
- Golden Gate Lumber, San Rafael
- Lee Mah Laundry, San Francisco
- East Bay Out Patient Surgery, Oakland
- Crestwood Hospital, Vallejo
- Robert Bond Parking Structure, Oakland
- City of Pittsburg Shop 'n' Save, Pittsburg

• Conducted numerous Phase I Environmental Site Assessments (ESAs) and facility evaluations for various real estate developers within California. Representative projects include the following:
  - Contra Costa County Real Property Division, Various Locations
  - C&H Development, Various Northern California
  - Lafayette Town Center, Lafayette
  - Mariners Square Associates, Alameda
  - Childrend’s World, Vacaville
  - Clark Avenue Office Complex, Dublin
  - Fillmore Marketplace Complex, San Francisco
  - Sierra Business Center, Dublin
  - Woodfield Complex, North Highlands
  - Gholami Properties, Walnut Creek
  - Vosti Properties, Santa Cruz
  - 318 Diablo Road Office Complex, Danville
  - Castlewood Properties, Pleasanton
  - Valley Vista Tennis Club, Walnut Creek
  - Mills Corporation, San Mateo Fashion Island Shopping Mall
  - Sammis Development, Fremont, Fairfield, Sunnyvale
  - Urban Frontier Development, San Francisco
  - Koll Company, San Jose
  - Setinel Real Estate, Benecia
  - Windsor Business Park, Windsor
  - Solano Avenue Partners, Napa
  - Toys "R" Us, San Rafael
  - AIG Partners, Vacaville
  - Lincoln Properties, San Ramon
  - Harbor Bay Isle Associates, Alameda
  - Hayman Homes, Burlingame
  - Brenn Company, Danville
  - Trans Pacific Metro Center, Foster City
  - Garrett Development, West Pittsburg, Antioch
  - Heinz Development, Vacaville
  - David Powers and Associates, San Jose
  - Cushman and Wakefield, Solano Business Park, Fairfield
  - Lazzerini Properties, Fairfield
  - Franklin Properties, Fremont
  - Oakmont Developers, Santa Rosa
  - Trans Pacific Metro Center, Foster City
  - Chase National Corporation Services, Pleasanton
  - A M Homes, San Jose
  - Housing Associates Napa Development, Napa
  - Speiker Partners, Milpitas, San Jose
  - Jonathan Development Group, Danville

PUBLICATIONS

THE REA II - SITE MITIGATION AUTHORITY AND EXPERTISE

The Registered Environmental Assessor II (REA II) has significant authority under existing statutes and regulations to serve an extensive role in environmental programs and site mitigation activities. The REA II is the only environmental manager and practitioner over whom a Cal/EPA office has direct authority, and whose areas of professional environmental expertise are determined by Cal/EPA.

The REA II is a qualified environmental professional who may manage and conduct site investigation, assessment and remediation work at schoolsites, Brownfields, or other potentially contaminated properties. The REA II registration differs from other registrations traditionally used in site investigation and cleanup work by being a strictly environmental registration managed and directed by a Cal/EPA office.

In the role of a “Private Site Manager,” the REA II is authorized to supervise, manage and direct activities relating to the development of hazardous substance or hazardous waste site cleanup opinions using preliminary endangerment assessment procedures. These opinions include determining whether a significant release has occurred, and whether a response action is needed.

Regulations (Title 14, California Code of Regulations, Section 19030 et seq.) describe the activities and evaluations that an REA II may perform as a project manager. An REA II:

- Determines the activities needed to adequately characterize hazardous waste or hazardous substance release sites;
- Conducts environmental assessments and investigations;
- Directs and performs site investigation and remediation activities;
- Evaluates site information and data and render opinions derived from that data;
- Defines the work required to reduce risk from contamination; and,
- Determines and certifies that all work necessary to reduce risk from contamination has been properly conducted and that all work has been completed.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.
Regulations specify that an REA II must meet certain performance standards when conducting, developing, performing or directing the following activities:

- Preliminary Endangerment Assessments;
- Remedial Investigations/Feasibility Studies;
- Remedial Design;
- Remedial Action;
- Remedial Action Plans;
- Corrective Action Plans;
- Removal Action Workplans; and,
- Remedial Work.

The REA II is not permitted to claim the privileges of a Department of Consumer Affairs (DCA) registrant, or the privileges of any other registration, certification or license unless the REA II holds that particular credential. Whether a particular activity requires professional registration typically can only be determined on a case-by-case basis. An REA II may obtain the assistance of registered subcontractors for the performance of any work requiring professional registration while performing environmental assessment and restoration activities, as long as the work is incidental to the business of the REA II. Any subcontractor’s work, or the work performed by others, must be properly cited in any report prepared by the REA II. The REA program can assist registrants or interested parties in evaluating whether the activities of an REA II may be in an area reserved for other licensed professionals. The REA program will also disseminate useful information pertaining to the practice of other registered professionals to all REA II’s.

In performing work activities, the REA II is charged to hold paramount the public health, safety and welfare, and to follow all applicable performance standards while conducting work activities. Regulations specify the performance standards for the work activities of an REA II. The REA program may randomly audit the work products of its registrants to ensure that all applicable performance standards are met. We will also investigate work-related complaints about registrants and will, if necessary, take disciplinary actions, or rescind the registration of an REA II whose work does not meet applicable performance standards.

For additional information about the program, its regulations, and applicable laws please review the other information on the REA program website http://www.dtsc.ca.gov/REA/index.html or contact the REA program at (916) 324-6881.
APPENDIX HYDRO:
PRELIMINARY STORMWATER CONTROL PLAN
PRELIMINARY STORMWATER CONTROL PLAN

for

SAN PABLO APARTMENTS

10963 SAN PABLO AVENUE

September 2017

Studio KDA
Buddy Williams
1810 Sixth Street
Berkeley, CA 94710

Prepared by:
Jason White
BKF Engineers
1646 North California Blvd. Ste 400
Walnut Creek, CA 94597
Jwhite@bkf.com
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IMP Sizing Calculations

This Stormwater Control Plan was prepared using the template dated February 15, 2012.
## I. PROJECT DATA

**Table 1. Project Data**

<table>
<thead>
<tr>
<th>Project Name/Number</th>
<th>San Pablo Apartments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Submittal Date</td>
<td>September 7, 2017</td>
</tr>
<tr>
<td>Project Location</td>
<td>10963 San Pablo Avenue, El Cerrito, CA</td>
</tr>
<tr>
<td>Name of Developer</td>
<td>Studio KDA</td>
</tr>
<tr>
<td>Project Phase No.</td>
<td>NA</td>
</tr>
<tr>
<td>Project Type and Description</td>
<td>Mixed-Use Commercial/Residential</td>
</tr>
<tr>
<td>Project Watershed</td>
<td>Baxter Creek</td>
</tr>
<tr>
<td>Total Project Site Area (acres)</td>
<td>.42</td>
</tr>
<tr>
<td>Total Area of Land Disturbed (acres)</td>
<td>.42</td>
</tr>
<tr>
<td>Total New Impervious Surface Area (sq. ft.)</td>
<td>0</td>
</tr>
<tr>
<td>Total Replaced Impervious Surface Area</td>
<td>13,505</td>
</tr>
<tr>
<td>Total Pre-Project Impervious Surface Area</td>
<td>16,477</td>
</tr>
<tr>
<td>Total Post-Project Impervious Surface Area</td>
<td>13,505</td>
</tr>
<tr>
<td>50% Rule[*]</td>
<td>Applicable</td>
</tr>
<tr>
<td>Project Density</td>
<td>NA</td>
</tr>
<tr>
<td>Applicable Special Project Categories [Complete even if all treatment is LID]</td>
<td>None</td>
</tr>
<tr>
<td>Percent LID and non LID treatment</td>
<td>NA</td>
</tr>
<tr>
<td>HMP Compliance [†]</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

[*50% rule applies if: Total Replaced Impervious Surface Area > 0.5 x Pre-Project Impervious Surface Area]*

[†HMP applies if: (Total New Impervious Surface Area + Total Replaced Impervious Surface Area) ≥ 1 acre]
II. SETTING

II.A. Project Location and Description
The project will be made up of one parcel located at the intersection of San Pablo Avenue and Jefferson Avenue across from the El Cerrito Fire Department. The project will occupy approximately 0.42 acres of what is now a one-story commercial building and parking lot.

II.B. Existing Site Features and Conditions
The existing site consists of an approximately 9,500 square foot one-story commercial building, an asphalt parking lot which takes up approximately 7,000 square feet of the site. There is landscaping surrounding the parking lot which covers approximately 1,700 square feet of the site and small areas of concrete walkways that make up the rest of the site.

The site’s bordering streets are Jefferson Avenue to the north, Alameda Avenue to the south side of the block, San Pablo Avenue to the East, and S57th Street to the far west end of the block. There is a “no build” easement on the southern edge of the property limits, approximately 140 feet long and 10 feet wide.

The site slopes from West to East and South to North. Runoff from the bordering existing paved roads is collected in five storm drain inlets (three to the North and two to the South) at the corner of Jefferson Avenue and S56th Street in Richmond City Limits which then discharges to an existing 30-inch storm drain line located in S56th Street.

A Geotechnical report has not been completed at this time to determine site soils. Typically soils in the Contra Costa County area are soil Group D, so this type has been assumed for entire site of 10963 San Pablo Avenue.

II.C. Opportunities and Constraints for Stormwater Control
Treatment of all runoff from the site will be treated by Integrated Management Practices (IMP). Since the post-project impervious surface area is less than the pre-project impervious surface area, there is no requirement to manage in-runoff peak flows and durations (hydrograph modification management, HMP).

Due to the assumed existing clayey native soils, direct infiltration into the soil is not an option, thus perforated storm drain pipes shall be placed at the bottom of bioretention area to collect treated Stormwater.

Runoff to the implemented IMPs will be collected from portions of the rooftop and roof decks of the building and routed down to one bioretention planter on the second floor roof deck and two ground floor bioretention planters. All bioretention areas will be collected in a subsurface perforated pipe, then piped through the site to sidewalk cross drains that outfall onto Jefferson Avenue. Please note that currently the existing site runoff drains onto Jefferson Avenue and into Richmond City Limits.

III. LOW IMPACT DEVELOPMENT DESIGN STRATEGIES

III.A. Optimization of Site Layout

III.A.1. Limitation of development envelope
One limitation of this project is that the site currently drains onto Jefferson Avenue via overland release into Richmond City Limits. Our intent is to maintain this drainage pattern and improve upon
it by draining our impervious area through bioretention planters prior to outfalling onto Jefferson Avenue.

III.A.2. Preservation of natural drainage features
The site naturally drains onto Jefferson Avenue down to storm drain inlets at the intersection of Jefferson Avenue and S56th Street. We are proposing not to change that drainage pattern.

III.A.3. Setbacks from creeks, wetlands, and riparian habitats
There are no creeks, wetlands, or riparian habitats adjacent to this property.

III.A.4. Minimization of imperviousness
Landscaping and four bioretention areas are incorporated into the site design.

III.A.5. Use of drainage as a design element
The three bioretention areas are used as design elements, located on the second floor roof deck and at-grade on the north and south sides of the building.

III.B. Use of Permeable Pavements
Due to assumed impermeable soils with little to no infiltration ability, permeable pavers are not feasible.

III.C. Dispersal of Runoff to Pervious Areas

III.C.1. Permeability of Site Soils
4,725 square feet of on-site landscaping area shall serve as a self-treating surface to meet the “self-retaining” requirements.

III.C.2. Potential Opportunities for Harvesting and Use
Not proposing harvesting or reuse.

III.C.3. Harvesting and Use Feasibility Calculations
Not proposing harvesting or reuse.

Table 2. Harvesting and Use Feasibility
Not proposing harvesting or reuse.

III.D. Integrated Management Practices
This project has direct runoff to the following integrated management practices: Bioretention planters.
IV. DOCUMENTATION OF DRAINAGE DESIGN

IV.A. Descriptions of each Drainage Management Area

IV.A.1. Table of Drainage Management Areas

<table>
<thead>
<tr>
<th>DMA Name</th>
<th>Surface Type</th>
<th>Area (square feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMA 1A</td>
<td>Roof</td>
<td>6,570</td>
</tr>
<tr>
<td>DMA 1B</td>
<td>Roof/Landscape</td>
<td>2,115</td>
</tr>
<tr>
<td>DMA 1C</td>
<td>Roof/Landscape</td>
<td>4,915</td>
</tr>
<tr>
<td>DMA 1D</td>
<td>Pervious Pavement/Landscape</td>
<td>4,065</td>
</tr>
</tbody>
</table>

IV.A.2. Drainage Management Area Descriptions

DMA 1A: Totaling 6,570 square feet, includes a portion of the roof area, the level 4 roof deck and landscape planter. The bioretention area will be sized to accommodate flow control volumes. After stormwater filters through the bioretention area, it is collected in a perforated pipe, then piped to sidewalk cross drains that outfall onto Jefferson Avenue.

DMA 1B: Totaling 2,115 square feet, includes a portion of the roof area. The bioretention area will be sized to accommodate flow control volumes. After stormwater filters through the bioretention area, it is collected in a perforated pipe, then piped to sidewalk cross drains that outfall onto Jefferson Avenue.

DMA 1C: Totaling 4,915 square feet, includes a portion of the roof area, the level 2 roof deck and landscape planter. The bioretention area will be sized to accommodate flow control volumes. After stormwater filters through the bioretention area, it is collected in a perforated pipe, then piped to sidewalk cross drains that outfall onto Jefferson Avenue.

DMA 1D: Totaling 4,065 square feet, includes at-grade landscaping and the pervious pavement. This area is considered self-treating.

IV.B. Tabulation and Sizing Calculations

(See Contra Costa Clean Water Program IMP Sizing Tool summary)

V. SOURCE CONTROL MEASURES

V.A. Site activities and potential sources of pollutants

V.B. Source Control Table

<table>
<thead>
<tr>
<th>Potential source of runoff pollutants</th>
<th>Permanent source control BMPs</th>
<th>Operational source control BMPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-site storm drain inlets</td>
<td>All accessible on-site inlets will be marked to convey that no dumping is allowed.</td>
<td>Inlets and pipes conveying storm water to BMPs will be inspected and maintained as part of BMP Operation and Maintenance Plan.</td>
</tr>
</tbody>
</table>
VI. STORMWATER FACILITY MAINTENANCE

VI.A. Ownership and Responsibility for Maintenance in Perpetuity

An operations and maintenance agreement & plan will be developed between Studio KDA and the City of El Cerrito prior to construction of this project & it will be recorded.

VI.B. Summary of Maintenance Requirements for Each Stormwater Facility

Bioretention Areas

These facilities remove pollutants primarily by filtering runoff slowly through an active layer of soil. Routine maintenance is needed to ensure that flow is unobstructed, that erosion is prevented, and that soils are held together by plant roots and are biologically active. Typical maintenance consists of the following:

- Inspect **inlets** for channels, exposure of soils, or other evidence of erosion. Clear trash and any obstructions and remove any accumulation of sediment. Examine rock or other material used as a splash pad and replenish if necessary.
- Inspect **outlets** for erosion or plugging.
- Inspect **side slopes** for evidence of instability or erosion and correct as necessary.
- Observe soil at the bottom of the swale or filter for uniform **percolation** throughout. If portions of the swale or filter do not drain within 48 hours after the end of a storm, the soil should be tilled and replanted. Remove any debris or accumulations of sediment.
- Examine the **vegetation** to ensure that it is healthy and dense enough to provide filtering and to protect soils from erosion. Replenish mulch as necessary, remove fallen leaves and debris, prune large shrubs or trees, and mow turf areas. When mowing, remove no more than \(\frac{1}{3}\) height of grasses. Confirm that irrigation is adequate and not excessive. Replace dead plants with those required by the C.3. Plan list in the 6th edition C.3. Guidebook and remove noxious and invasive vegetation.
- Abate any potential **vectors** by filling holes in the ground in and around the swale and by insuring that there are no areas where water stands longer than 48 hours following a
storm. If mosquito larvae are present and persistent, contact the Contra Costa Mosquito and Vector Control District for information and advice. Mosquito larvicides should be applied only when absolutely necessary and then only by a licensed individual or contractor.

VII. CONSTRUCTION PLAN C.3 CHECKLIST

Table 3:

<table>
<thead>
<tr>
<th>Stormwater Control Plan Page #</th>
<th>BMP Description</th>
<th>See Plan Sheet #s</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bioretention Areas</td>
<td>C3.0</td>
</tr>
</tbody>
</table>

VIII. CERTIFICATIONS

The selection, sizing, and preliminary design of stormwater treatment and other control measures in this plan meet the requirements of Regional Water Quality Control Board Order R2-2009-0074 and Order R2-2011-0083

Jason White, PE, LEED AP, QSP/P  
Project Manager

9-6-2017 Date
THE PROPOSED MIXED USE DEVELOPMENT AT 10963 SAN PABLO AVENUE IN EL CERRITO WILL CREATE OR REPLACE MORE THAN 10,000 SQUARE FEET OF IMPERVIOUS SURFACE. THEREFORE, THE PROJECT WILL BE SUBJECT TO COVERAGE UNDER THE PROVISIONS OF THE CALIFORNIA REGIONAL STORMWATER QUALITY CONTROL BOARD, WHICH PROHIBITS IMPERVIOUS SURFACE WATER QUALITY PLANNED DEVELOPMENT FROM BEING COUNTED AGAINST THE IMPERVIOUS SURFACE LIMITATION. COMPLIANCE WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE CONTRA COSTA COUNTY STORMWATER PROGRAM STORMWATER CONTROL PLAN C.3.

STORMWATER CONTROL GENERAL NOTES
- IMPERVIOUS SURFACE IS DEFINED AS ANY MATERIAL THAT REDUCES THE ABILITY OF THE SURFACE TO ABSORB AND PERMEATE WATER
- IMPERVIOUS SURFACE CAN INCLUDE BUT NOT BE LIMITED TO: CONCRETE, ASPHALT, AND OTHER HARD SURFACES
- IMPERVIOUS SURFACE CAN BE SUBDIVIDED INTO THREE CATEGORIES: GROUND, ROOF, AND ROOF DECK

STORMWATER CONTROL AREA TABLE

<table>
<thead>
<tr>
<th>BMP</th>
<th>BMP MANAGEMENT PRACTICE</th>
<th>IMPERVIOUS SURFACE (SF)</th>
<th>DRAINAGE TO</th>
<th>SUBRAINAGE MANAGEMENT AREA</th>
<th>TOTAL (SF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMA-1A</td>
<td>ROOF</td>
<td>650</td>
<td>BMP</td>
<td>1</td>
<td>7,150</td>
</tr>
<tr>
<td>DMA-1B</td>
<td>ROOF</td>
<td>2,115</td>
<td>BMP-1</td>
<td>2,275</td>
<td></td>
</tr>
<tr>
<td>DMA-1C</td>
<td>GROUND</td>
<td>4,035</td>
<td>SELF-TREATING</td>
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<td>6,570</td>
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<tr>
<td>DMA-1D</td>
<td>GROUND</td>
<td>755</td>
<td>SELF-TREATING</td>
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<td>8,310</td>
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<tr>
<td>MRI</td>
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<td>TOTAL</td>
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<td>13,505</td>
</tr>
</tbody>
</table>

STORMWATER CONTROL PLAN

C.3.0
Project Name: 10963 San Pablo Apartments  
Project Type: Treatment Only  
APN:  
Drainage Area: 18,302  
Mean Annual Precipitation: 20.0

**Self-Treating DMAs**

<table>
<thead>
<tr>
<th>DMA Name</th>
<th>Area (sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMA1D</td>
<td>4,065.0</td>
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**IV. Areas Draining to IMPs**

**IMP Name: IMP1**  
**IMP Type: Flow-Through Planter**  
**Soil Group: IMP1**

<table>
<thead>
<tr>
<th>DMA Name</th>
<th>Area (sq ft)</th>
<th>Post Project Surface Type</th>
<th>DMA Runoff Factor</th>
<th>DMA Area x Runoff Factor</th>
<th>IMP Sizing</th>
<th>Rain Adjustment Factor</th>
<th>Minimum Area or Volume</th>
<th>Proposed Area or Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMA1A</td>
<td>6,570</td>
<td>Conventional Roof</td>
<td>1.00</td>
<td>6,570</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DMA1A-LSP</td>
<td>330</td>
<td>Landscape</td>
<td>0.10</td>
<td>33</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,603</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**IMP Name: IMP2**  
**IMP Type: Flow-Through Planter**  
**Soil Group: IMP2**

<table>
<thead>
<tr>
<th>DMA Name</th>
<th>Area (sq ft)</th>
<th>Post Project Surface Type</th>
<th>DMA Runoff Factor</th>
<th>DMA Area x Runoff Factor</th>
<th>IMP Sizing</th>
<th>Rain Adjustment Factor</th>
<th>Minimum Area or Volume</th>
<th>Proposed Area or Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMA1B-ROOF</td>
<td>2,115</td>
<td>Conventional Roof</td>
<td>1.00</td>
<td>2,115</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td></td>
</tr>
</tbody>
</table>

**IMP Name: IMP3**  
**IMP Type: Flow-Through Planter**  
**Soil Group: IMP3**

<table>
<thead>
<tr>
<th>DMA Name</th>
<th>Area (sq ft)</th>
<th>Post Project Surface Type</th>
<th>DMA Runoff Factor</th>
<th>DMA Area x Runoff Factor</th>
<th>IMP Sizing</th>
<th>Rain Adjustment Factor</th>
<th>Minimum Area or Volume</th>
<th>Proposed Area or Volume</th>
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<tbody>
<tr>
<td>DMA1C-ROOF</td>
<td>4,820</td>
<td>Conventional Roof</td>
<td>1.00</td>
<td>4,820</td>
<td></td>
<td></td>
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<td>DMA1C-LSP</td>
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<td><strong>Total</strong></td>
<td><strong>4,830</strong></td>
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<td>Area</td>
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<td>1.000</td>
<td>193</td>
<td>195</td>
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Report generated on 9/6/2017 12:00:00 AM by the Contra Costa Clean Water Program IMP Sizing Tool software (version 1.3.1.0).
APPENDIX NOI: ENVIRONMENTAL NOISE STUDY
10963 SAN PABLO AVE., EL CERRITO, CA
ENVIRONMENTAL NOISE STUDY

STUDIO KDA
June 30, 2017
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<td>4</td>
</tr>
<tr>
<td>Table 2 – Noise Measurement Results</td>
<td>6</td>
</tr>
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</table>
1.0 Executive Summary

CSDA conducted an environmental noise survey to determine the appropriate acoustical recommendations for the project at 10963 San Pablo Avenue to meet San Pablo (City) and California (State) Code requirements. The following summarizes our findings:

- This project will require up to 42 STC windows and STC 40 doors to comply with the City and California Building Code acoustical requirements.

- Some exterior walls may require additional interior gypsum board and/or resilient clips/channels.

- Where sound rated windows and/or doors are required, fresh air ventilation must be provided.

2.0 Project Description

The 10963 San Pablo Avenue multi-family development is located in El Cerrito, at the southwest corner of San Pablo Avenue and Jefferson Avenue. The project consists of a 50 unit rental apartment building with a commercial space on the first floor. The parcel is zoned RM-4 (Mixed Housing Type Residential). The main noise source is San Pablo Avenue. Additional noise sources include general city noise, occasional traffic on Jefferson Avenue, and traffic on Interstate 80.

CSDA conducted an environmental noise study to quantify the existing environmental noise levels and determine the facade components necessary to meet City and State Code interior noise requirements. This report summarizes our findings and recommendations.

3.0 Acoustical Criteria

3.1 El Cerrito General Plan

The City of El Cerrito 1999 General Plan specifies the following policies applicable to this project:

- H3.1 Noise Levels in New Residential Projects: “New residential development projects shall meet acceptable exterior noise level standards. The ‘normally acceptable’ noise standards for new land uses are established in Table 7-1, Land Use Compatibility for Community Exterior Noise Environments, which shall be modified by Policies H3.2 through H3.12” (applicable sections listed below). See Figure 1.
Figure 1 – El Cerrito Land-Use Compatibility Table

<table>
<thead>
<tr>
<th>Land Use Type</th>
<th>Exterior Noise Exposure (Ldn or CNEL, dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>55</td>
</tr>
<tr>
<td>Residential, Hotels and Motels</td>
<td></td>
</tr>
<tr>
<td>Outdoor Sports and Recreation, Neighborhood Parks and Playgrounds</td>
<td></td>
</tr>
<tr>
<td>Schools, Libraries, Museums, Hospitals, Personal Care, Meeting Halls, Churches</td>
<td></td>
</tr>
<tr>
<td>Office Buildings, Business Commercial, and Professional</td>
<td></td>
</tr>
<tr>
<td>Auditoriums, Concert Halls, Amphitheaters</td>
<td></td>
</tr>
<tr>
<td>Industrial, Manufacturing, Utilities and Agriculture</td>
<td></td>
</tr>
</tbody>
</table>

- **Normally Acceptable**: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.

- **Conditionally Acceptable**: Specified land use may be permitted only after detailed analysis of the noise reduction requirements and needed noise insulation features included in the design.

- **Unacceptable**: New construction or development should generally not be undertaken because mitigation is usually not feasible to comply with Noise Element policies.

- **H3.6 New Commercial, Industrial and Office Noise Standards**: “Appropriate interior noise levels in commercial, industrial, and office buildings are a function of the use of space and shall be evaluated on a case-by-case basis. Interior noise levels in offices generally should be maintained at 45 L_{eq} (hourly average) or less.”

- **H3.11 Commercial or Industrial Source Noise**: “Noise created by commercial or industrial sources associated with new projects or developments shall be controlled so as not to exceed the noise level standards set forth in the table below (Maximum Allowable Noise Exposure for Stationary Noise Sources), as measured at any affected residential land use.” See figure 2.
3.2 El Cerrito Municipal Code

The 2017 El Cerrito Code of Ordinances\(^1\) contains the following specifications applicable to this project:

- Section 19.21.050-B3
  - All new residential developments should have an hourly average noise level of 45 dBA or less. Commercial developments may be evaluated on a case-by-case basis, but generally should have an hourly average noise level \( [L_{eq}] \) of 45 dBA or less.
  
  - Interior noise levels in new residential units exposed to an \( L_{dn} \) of 60 dBA or greater should be limited to a maximum instantaneous noise level of 50 dBA in bedrooms. Maximum instantaneous noise levels in other rooms should not exceed 55 dBA. The typical repetitive maximum instantaneous noise level at each site would be determined by a noise meter.

3.3 El Cerrito Municipal Code Outdoor Noise Levels

The 2017 Code of Ordinances contains the following specifications applicable to this project:

- Section 19.21.050-B2: “all new development shall comply with the outdoor noise standards established in Table 19-21-A below.” See Table 1.

<table>
<thead>
<tr>
<th>Land Use Type</th>
<th>Exterior Noise Exposure ( [L_{dn}, \text{ dBA}] )</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Normally Acceptable</td>
</tr>
<tr>
<td>Residential, Hotel and Motels</td>
<td>60</td>
</tr>
<tr>
<td>Office Buildings, Business Commercial,</td>
<td>60</td>
</tr>
</tbody>
</table>

\(^1\) https://library.municode.com/ca/el_cerrito/codes/code_of_ordinances
• 19.21.050-B5: “The zoning Administrator may require a noise study to be prepared for all new
uses with outdoor noise levels within the conditionally acceptable range in Table 19.21-A (Table 1), or uses that, in the Zoning Administrator’s opinion, may not meet the standards of the Noise Section of the Resources and Hazards General Plan Element.”

3.4 California Building Code

For the residential portion of the project, the California Building Code stipulates that an interior noise level attributed to exterior sources shall not exceed $L_{dn}$ 45 dBA for any habitable room in a multi-family building.\(^2\)

CALGreen stipulates noise criteria for the retail portion of the ground floor work/live unit. For sites with hourly noise levels above 65 dBA, interior noise levels must be no greater than $L_{eq}$\(^3\) 50 dBA during the noisiest hour of operation (Performance Method).\(^4\)

3.5 Criteria Summary

In order to meet City and State acoustical requirements, the following must be achieved:

- Existing environmental noise Intrusion from exterior sources:
  - $L_{dn}$ 45 dBA or less inside of residences per California Building Code.
  - $L_{eq}$ 45 dBA or less inside of residences per El Cerrito Municipal Code.
  - $L_{dn}$ 45 dBA or less in the retail portion of the project per El Cerrito General Plan.
  - $L_{eq}$ 50 dBA or less in the retail space during the noisiest hour of the day per California Building Code.
  - $L_{max}$ 50 dBA or less in all bedrooms of residences per El Cerrito Municipal Code.
  - $L_{max}$ 55 dBA or less in all other rooms of residences per El Cerrito Municipal Code.

- Exterior noise levels at the property line generated per the building equipment:
  - $L_{eq}$ 45 dBA or less at night and 55 dBA or less during the day per El Cerrito General Plan.

4.0 Noise Measurements

Long-term (i.e., 48-hour) noise measurements were conducted at the project site from June 26 to 28, 2017 to quantify the existing environmental noise levels at the site. The long term measurements were taken in secured lock boxes 12 feet above the ground. Measurements commenced around midday on June 26 and ended around midday on June 28. The following summarizes the measurement conditions and results.

4.1 Weather

During the measurements, the maximum wind speed was 18 miles per hour (mph); wind speeds were high from June 27 at 7:00 PM to June 28 at 3:00. Based upon a review of the data during these times, wind noise did not affect the measurements. The temperature ranged from a low of 57°F to a high of 81°F, and averaged 69°F. The humidity level ranged from a low of 39% to a high of 84%, averaging 64%. There was no precipitation during the testing period.

\(^2\) 2013 California Building Code (CBC), California Code of Regulations, Title 24, Volume 1, Section 1207.4
\(^3\) $L_{eq}$: The equivalent continuous sound level which would contain the same sound energy as the time varying sound level.
\(^4\) 2013 California Green Building Standards Code, Section 5.507.
4.2 General Noise Conditions

The noise environment is dominated by traffic on San Pablo Avenue. Minor noise sources include occasional traffic on Jefferson Avenue, Interstate 80, and general city noise. During the nighttime hours, local traffic decreased lending to lower noise levels.

4.3 Noise Measurement Results

The equipment was calibrated immediately before and after the measurements with no significant drift in response. LT-1 was along the east property line and primarily measured noise generated by traffic on San Pablo Avenue. LT-2 was placed adjacent to the north property line across Jefferson Avenue. While this location is not directly on the project site, it has the same setback to Jefferson Avenue and it is still an accurate measure for noise impinging on the northern facade of the project building. Figure 3 shows the measurement locations, Table 2 summarizes the noise measurement results, and Figure 4 shows the noise measurements data graphically.

![Figure 3 – Long Term (LT) Measurement Locations](image)

### Table 2 – Noise Measurement Results

<table>
<thead>
<tr>
<th></th>
<th>$L_{dn}$ dBA</th>
<th>Noisiest Hour</th>
<th>Time</th>
<th>Typical $L_{max}$ dBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>LT-1 San Pablo Ave.</td>
<td>73</td>
<td>76</td>
<td>9 AM</td>
<td>87</td>
</tr>
<tr>
<td>LT-2 Jefferson Ave.</td>
<td>64</td>
<td>64</td>
<td>2 PM</td>
<td>82</td>
</tr>
</tbody>
</table>

$LT =$ Long-term meter height (12')
5.0 Analysis and Recommendations

5.1 Noise and Land-Use Compatibility

Per El Cerrito General Plan, the measured noise levels at the site (measured up to $L_{dn}$ 73 dBA) warrant a detailed noise analysis. The required analysis involves calculating expected noise levels inside of the habitable rooms (i.e., Actions 1.1 and 3.1, which reference the California Building Code) and providing recommendations as necessary for the facade construction to meet the interior $L_{dn}$ 45 dBA Code requirement.

The following analysis are based upon expected future noise levels, incorporating the traffic growth projections contained in the City’s General Plan. San Pablo Avenue traffic volumes are expected to increase by 2.4% annually. There is no significant expected increase in traffic along Jefferson Avenue.

5.2 Interior Noise Levels

In order to achieve City and State Code standards, sound-rated windows and exterior doors are needed at various building facades. Please note the following:

- Calculations are based on architectural drawings dated June 27, 2017.
- A typical construction grade window achieves STC 28.
- A typical exterior entry door with gasketing and a door bottom/shoe (swing doors) achieves STC 28.
- We assume metal siding/rainscreen finish, shear plywood, and insulated stud exterior walls at the residential levels; please inform us if the assembly is different.
- The STC rating of operable fenestration corresponds to performance in the closed position, which halts natural ventilation; therefore, fresh air must be provided using an active mechanical (e.g., HVAC) or passive (e.g., stack-effect) system. The mechanical engineer should review this recommendation.
- The STC ratings below need to be refined if the design changes.

Figures 5 and 6 show the recommended window and exterior door STC ratings necessary to meet the acoustical criteria. All dwelling units are typical for floors 2-5. If you need window/door product recommendations, please contact us.

Note that exterior walls will likely require an additional layer of gypsum board at the unit interior. Please forward the exterior wall detail when it becomes available for our review and comment. At bedrooms facing east (i.e., towards San Pablo Avenue), resilient channels with clips are likely necessary. We will provide more guidance when the exterior wall details are available.

*Figure 5 – Window/Exterior Door STC Ratings for Retail Space*
This concludes our environmental noise study for 10963 San Pablo Avenue, El Cerrito, CA; please contact us with questions.
APPENDIX TRA:
TRANSPORTATION TECHNICAL MEMORANDUM
AND TRAFFIC STUDY
MEMORANDUM

Date: September 1, 2017
To: Buddy Williams, Studio KDA
From: Huma Husain and Sam Tabibnia, Fehr & Peers
Subject: 10963 San Pablo Avenue – Transportation Impact Analysis

Fehr & Peers conducted a preliminary transportation assessment for the proposed development, consisting of 50 residential units and about 2,900 square-feet of commercial space at 10963 San Pablo Avenue in El Cerrito, California (Project). The Project is located in the San Pablo Avenue Specific Plan (SPASP) area, which was analyzed in an environmental impact report (EIR) certified in 2014.

Based on our analysis, the Project is consistent with the SPASP EIR and would generate fewer AM and PM peak hour vehicle trips than the total trip generation assumed for the high priority opportunity sites in the EIR. Thus, no additional analysis is needed for this Project (final determination will be made by City of El Cerrito Staff). In addition, we recommend the following to help reduce automobile trips and parking demand generated by the Project:

1. Consider providing AC Transit passes or BART-equivalent Clipper Card Value for project residents.

The rest of this memorandum describes the Project, estimates trip generation, and reviews the site plan for adequate parking supply and safe access and circulation.
PROJECT DESCRIPTION

The Project is located in the SPASP “Midtown” area, at the southwest corner of the San Pablo Avenue/Jefferson Street intersection. Playland-not-at-the-Beach (an indoor amusement park), a donut shop, a hairdresser, and a surface parking lot currently occupy the site. The Project would replace the existing uses with a mixed-use five-story multi-family residential development with 50 dwelling units and about 2,900 square-feet of ground-level commercial space.

The Project includes a parking garage with 31 double lift parking spaces, one individual space, and two ADA spaces, for a total of 34 garage parking spaces reserved for residential uses. In addition, two uncovered car-sharing spaces would be provided, available to both residents and the public. Vehicles would access the site through a full-access driveway on Jefferson Street. The residential parking would be unbundled from the apartment units, meaning that the spaces would be leased separately from the units.

PROJECT TRIP GENERATION

Trip generation is the process of estimating the number of vehicles that would likely access the Project site. Current accepted methodologies, such as the Institute of Transportation Engineers (ITE) Trip Generation methodology, are primarily based on data collected at single-use suburban sites. These defining characteristics limit their applicability to developments located in more walkable urban settings near frequent local and regional transit service, such as the proposed Project. Fehr & Peers adjusted the ITE-based estimates using the methodology used in the SPASP EIR to account for the Project’s setting and proximity to frequent transit service. In the SPASP EIR, the ITE-based trip generation estimate was adjusted by applying an MXD (Mixed-Used Development) Tool, which accounts for the density, land use mix, roadway design, and transit characteristics of the Project area and uses these to adjust the ITE trip generation rates.

Table 1 presents the trip generation for the Project. To account for trip generation of the existing site, Fehr & Peers collected morning and evening peak hour-trip generation counts on Tuesday, July 18, 2017. The existing site’s trip generation is applied as a reduction to the trip generation estimates of the Project. Accounting for the MXD adjustments used in the SPASP and existing land
uses, it is estimated that the proposed mixed-use development would generate about seven morning and 18 evening net-new peak-hour trips.

### TABLE 1: PROJECT TRIP GENERATION

<table>
<thead>
<tr>
<th>Land Use</th>
<th>ITE Code</th>
<th>Size</th>
<th>A.M. Peak</th>
<th>P.M. Peak</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>In</td>
<td>Out</td>
</tr>
<tr>
<td>Project Trip Generation</td>
<td></td>
<td></td>
<td>In</td>
<td>Out</td>
</tr>
<tr>
<td>Apartments</td>
<td>Mid-Rise Apartments (#223)²</td>
<td>50 DU</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>13</td>
<td>9</td>
</tr>
<tr>
<td>Retail</td>
<td>Shopping Center (#820)³</td>
<td>2.9 KSF</td>
<td>2</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
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<td></td>
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<td>6</td>
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<td>17</td>
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<tr>
<td>Existing Site Trip Generation⁴</td>
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<td>1</td>
</tr>
<tr>
<td>Playland-not-at-the-Beach</td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Hair Salon</td>
<td></td>
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<td></td>
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<td>Donut Shop</td>
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<td>9</td>
</tr>
<tr>
<td></td>
<td>Existing Site Trip Generation</td>
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<td></td>
<td>Net-New Project Trip Generation</td>
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<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7</td>
<td>18</td>
</tr>
</tbody>
</table>

Notes:
1. DU = dwelling unit; KSF = 1,000 square feet
2. ITE Trip Generation (9th Edition) land use category 223 (mid-rise apartments), adjusted based on the SPASP EIR trip generation methodology.
   AM Peak Hour Average Rate = 0.28 trips per DU (31% in, 69% out)
   PM Peak Hour Average Rate = 0.44 trips per DU (58% in, 42% out)
3. ITE Trip Generation (9th Edition) land use category 820 (shopping center), adjusted based on the SPASP EIR trip generation methodology.
   AM Peak Hour Average Rate = 0.85 trips per KSF (62% in, 38% out)
   PM Peak Hour Average Rate = 3.27 trips per KSF (48% in, 52% out)
4. Existing trip generation based on counts collected on Tuesday, July 18, 2017.
The SPASP EIR assumed developments at planned/entitled and high priority opportunity sites as part of the traffic analysis for the EIR. Although the proposed Project is within the SPASP area, it was not included as a planned/entitled project or priority opportunity site as part of the EIR traffic analysis. However, this analysis compares the Project to the high priority opportunity sites analyzed in the EIR to ensure the Project does not exceed the total assumptions made for the SPASP area. Since the certification of the SPASP EIR, four developments, including this Project, have been proposed and are in some stage of the City’s approval process at this time. Table 2 summarizes the trip generation for these four developments. The four developments combined would generate about 26 morning and 47 evening net-new peak hour trips. The combined trip generation is less than the total trip generation estimated for all the opportunity sites in the SPASP EIR.

Since the uses proposed by the Project are consistent with the assumptions in the SPASP EIR and the proposed Project would generate fewer automobile trips than assumed in SPASP EIR, the proposed Project would not result in additional impacts on traffic operations at the intersections analyzed in the SPASP EIR.
TABLE 2: TRIP GENERATION FOR PROPOSED OPPORTUNITY SITES IN THE SPASP AREA

<table>
<thead>
<tr>
<th>Project</th>
<th>AM Peak Hour</th>
<th></th>
<th>PM Peak Hour</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In</td>
<td>Out</td>
<td>Total</td>
<td>In</td>
</tr>
<tr>
<td>10963 San Pablo Avenue (Proposed Project)</td>
<td>0</td>
<td>7</td>
<td>7</td>
<td>11</td>
</tr>
<tr>
<td>10192 San Pablo Avenue</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>10290 San Pablo Avenue</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>10300 San Pablo Avenue</td>
<td>3</td>
<td>6</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>Total Proposed Projects Trips</td>
<td>6</td>
<td>20</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>SPASP EIR Trip Generation for High Priority Opportunity Sites(^2)</td>
<td>284</td>
<td>460</td>
<td>744</td>
<td>855</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>2%</td>
<td>4%</td>
<td>3%</td>
<td>3%</td>
</tr>
</tbody>
</table>

Notes:
1. See Table 1 for details on the proposed Project’s trip generation rate.
2. Total trips include only high priority opportunity site projects analyzed in the SPASP EIR (Appendix D)


CONSISTENCY WITH SPASP

The SPASP classifies each roadway within the SPASP area and specifies improvements on roadway, pedestrian, bicycle, and transit improvements based on those classifications. The City of El Cerrito is currently in the process of refining the multimodal improvements identified in the SPASP and developing a Transportation Impact Fee (TIF) program to determine fair share payment by the development projects facilitated by the Specific Plan for these improvements.

Within the vicinity of the Project, Jefferson Street is classified as a neighborhood street. The SPASP calls out the following improvements for neighborhood streets:

- Add bulb-outs as possible at all intersections and mid-block crossings; consider bulb-outs along parking lane where appropriate
Within the vicinity of the Project, San Pablo Avenue is classified as a community street in the mid-town area. The SPASP calls out the following improvements for San Pablo Avenue within the vicinity of the Project:

- Add landscaped bulb-outs with two standard curb ramps at all intersections.
- Consider consolidating and moving to far-side-of-intersection bus stops with bus platforms in the parking lane to increase transit efficiency and enhance rider experience.
- Provide cycle tracks

Specific to the Project area, the SPASP specifies the following improvement:

- Provide midblock connection/crosswalk just north of Jefferson Street across San Pablo Avenue.

The Project would make a fair share contribution towards the implementation of the multi-modal improvements identified by the SPASP. One option is payment of the City of El Cerrito Transportation Impact Fee (TIF), currently under development.

**SITE PLAN REVIEW**

This section evaluates access and circulation of all travel modes within the proposed site, based on the site plan dated August 30, 2017. The San Pablo Avenue Specific Plan includes a Form Based Code to ensure the goals of the SPASP are met. The Form Based Code is the primary regulating document for the Project site.

*Vehicle Access and On-Site Circulation*

Residents would access the site through a full-access driveway on Jefferson Street, about 130 feet west of San Pablo Avenue. The driveway would provide access to a secured parking garage and two uncovered parking spaces reserved for car-sharing services. Section 2.04.02.02 of the SPASP Form Based Code requires two-way driveways for buildings located on corner lots of community streets to be no wider than 20 feet and located along the adjacent side street. San Pablo Avenue within the vicinity of the Project site is classified as a community street, requiring the two-way Project driveway to be no wider than 20 feet. The proposed driveway has a width of 22-feet, not
meeting the Form Based Code requirements. However, it is recommended that the Project maintain the additional width to allow for maneuvering into and out of the carsharing spaces.

**Project Driveway Sight Distance**

The driveway on Jefferson Street would provide adequate sight distance between vehicles exiting the driveway and pedestrians on the adjacent sidewalk. Vehicles parked on Jefferson Street on both sides of the driveway may block sight distance between vehicles exiting the driveway and vehicles on Jefferson Street. Trees planted on both sides of the driveway may also affect visibility of exiting vehicles if the tree canopy is lower than six feet from the ground. Based on the site plan, dated August 30, 2017, the Project would provide 10 feet of red curb on both sides of the driveway to ensure adequate sight distance.

**Bicycle Parking, Access and On-Site Circulation**

Table 3 outlines bicycle parking requirements for the Project site. The Project would consist of 50 dwelling units and about 2,900 square-feet of commercial space, requiring 76 long-term spaces and five short-term spaces. The Project would provide 76 long-term spaces and six short-term spaces, meeting the requirements for long-term spaces as defined in the Form Based Code.

The Project would provide long-term bicycle parking in secured corrals located in both the southwest corner of the garage and along the south elevation of the building in the southwest corner. Pedestrians and cyclists would access the long-term bike parking along the exterior of the building through side gates located on Jefferson Street and San Pablo Avenue and the bike storage located in the garage would be accessible through the lobby or the garage entrance. Short-term parking would be located along the building frontage on both Jefferson Street and San Pablo Avenue.
TABLE 3: BICYCLE PARKING REQUIREMENTS

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Size 1</th>
<th>Long-Term</th>
<th>Short-Term</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Spaces per Unit 2</td>
<td>Spaces</td>
</tr>
<tr>
<td>Apartments</td>
<td>50 DU</td>
<td>1.5:DU</td>
<td>75</td>
</tr>
<tr>
<td>Retail</td>
<td>2.9 KSF</td>
<td>1:10 KSF</td>
<td>1</td>
</tr>
<tr>
<td>Total Required Bicycle Spaces</td>
<td>76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Bicycle Parking Provided</td>
<td>76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bicycle Parking Deficit</td>
<td>Meets Requirements</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes:
1. DU = Dwelling Units; KSF = 1,000 square-feet
2. Based on Form Based Code Table 29: Number of Parking Spaces Required
Source: Fehr & Peers, 2017

Pedestrian Access and On-Site Circulation

Pedestrian access to the residential component of the Project would be provided through a staircase and elevator in the building lobby and a staircase in the garage. The building lobby would be accessible through the main entrance on Jefferson Street, through the Project garage, and through the walkway on the south side of the Project site. The commercial component of the Project would be accessible through an entrance along San Pablo Avenue.

The Form Based Code requires a minimum of 14 feet of sidewalk space along community streets, including eight feet of clear pedestrian right-of-way and six feet of amenity space, which includes landscaping. For neighborhood streets, the Form Based Code requires a minimum of 10 feet of sidewalk space, including five feet of clear pedestrian right-of-way and five feet of amenity space. The proposed Project site plan shows 14-feet sidewalk widths along San Pablo Avenue, a community street, and 10-feet sidewalk widths along Jefferson Street, a neighborhood street, which would meet code requirements for total sidewalk width. The site plan also delineates eight feet and
five feet of pedestrian right-of-way along San Pablo Avenue and Jefferson Street respectively, meeting code requirements.

**Transit Access**

AC Transit provides nearby transit service to the Project site with a bus stop on southbound San Pablo Avenue, at the near-side of the San Pablo Avenue/Jefferson Street intersection (just north of Jefferson Street). The bus stop provides a bench but does not include a bus shelter.

**Parking Requirements**

The Project would provide a secured parking garage with a two-way drive aisle and a total of 34 spaces, including 31 double lift parking spaces, one surface space, and two ADA spaces. Two additional uncovered parking spaces would be provided for car-sharing services, located outside the garage door and accessible via the Project driveway. The surface parking space dimensions are approximately nine feet in width and 18 feet in length, meeting Form Based Code requirements for perpendicular parking spaces.

The SPASP Form Based Code requirements for the TOMIMU zoning district apply to the Project site. TOMIMU zoning (Section 2.05.07.04) requires a maximum of 1.5 automobile parking spaces per dwelling unit and a basic TDM plan. There is no required parking for commercial spaces less than 3,000 square-feet. For projects proposing a residential parking ratio between zero and one space per unit, additional TDM measures and a parking study may be required.

**Table 4** summarizes the required and proposed parking for the Project. The Form Based Code would limit parking to a maximum of 75 off-street residential parking spaces for the Project. Based on the site plan dated August 30, 2017, the Project would provide 36 spaces (corresponding to 0.72 spaces per unit), meeting Code requirements.

Section 2.05.07.07 of the Form Based Code requires that at least 10-percent of the total number of parking spaces provided for a multifamily residential project be pre-wired to allow for Electric Vehicle (EV) charging, with at least one space being an accessible parking space. The site plan designates three parking spaces as pre-wired to accommodate EV charging, one of which is an
accessible space, meeting code requirements. An additional parking space is designated as a run conduit for future EV station.

### TABLE 4: REQUIRED MAXIMUM AND PROPOSED PARKING

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Size(^1)</th>
<th>Required Parking Supply</th>
<th>Parking Supply</th>
<th>Within Range?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Minimum</td>
<td>Maximum</td>
<td></td>
</tr>
<tr>
<td>Apartments</td>
<td>50 DU</td>
<td>0</td>
<td>75</td>
<td>36</td>
</tr>
<tr>
<td>Retail</td>
<td>2.9 KSF</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>0</td>
<td>75</td>
<td>36</td>
</tr>
</tbody>
</table>

**Notes:**
1. The Project is not required to provide commercial parking spaces, as the proposed commercial space is less than 3,000 square-feet
2. Source: SPASP Form Based Code Section 2.05.07.04 – TOMIMU Zone Off-Street Parking Requirements for Residential; Max 1.5 spaces per DU
3. DU = Dwelling Units; KSF = 1,000 square feet

The proposed 10963 San Pablo Avenue Project is required to prepare a Transportation Demand Management (TDM) Plan based on the San Pablo Avenue Specific Plan (SPASP) Form-Based Code guidelines and direction provided by the City of El Cerrito, because it would provide less than one off-street parking space per unit. This memorandum describes the Project, the proposed parking supply, and lists the mandatory TDM strategies that the Project shall implement to achieve a reduction in vehicle ownership associated with the Project.

PROJECT DESCRIPTION

The Project is located in the SPASP “Midtown” area, at the southwest corner of the San Pablo Avenue/Jefferson Street intersection in El Cerrito. Playland-not-at-the-Beach (an indoor amusement park), a donut shop, a hairdresser, and a surface parking lot currently occupy the site. The Project would replace the existing uses with a mixed-use five-story multi-family residential development consisting of 50 dwelling units and about 2,900 square-feet of ground-level commercial space.

The Project includes a parking garage with 31 double lift parking spaces, one individual space, and two ADA spaces, for a total of 34 garage parking spaces reserved for residential uses. Vehicles would access the site through a full-access driveway on Jefferson Street. The residential parking would be unbundled from the apartment units, meaning that the spaces would be leased separately from the units.
PARKING SUPPLY

The Project would provide a secured parking garage with a two-way drive aisle and a total of 34 spaces, which corresponds to about 0.68 spaces per unit. Table 1 summarizes the required and proposed parking for the Project.

The SPASP Form-Based Code requirements for the TOMIMU zoning district apply to the Project site. TOMIMU zoning (Section 2.05.07.04) requires a maximum of 1.5 automobile parking spaces per dwelling unit and a basic TDM plan. For projects proposing a residential parking ratio between zero and one space per unit, the Form-Based Code states that additional TDM measures may be required. There is no required parking for commercial spaces less than 3,000 square-feet.

Although the proposed parking supply is within the required parking ratio, the Project is required to implement a TDM plan to account for the difference between the proposed parking supply ratio of 0.68 spaces per unit and the recommended minimum ratio of one space per unit. Therefore, the goal of the TDM Plan is to discuss how the parking deficiency of 0.32 spaces per unit will be addressed by the Project.

### TABLE 1: REQUIRED MAXIMUM AND PROPOSED PARKING

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Size1</th>
<th>Required Parking Supply</th>
<th>Parking Supply</th>
<th>Within Range?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Minimum</td>
<td>Maximum</td>
<td></td>
</tr>
<tr>
<td>Apartments</td>
<td>50 DU</td>
<td>0</td>
<td>75</td>
<td>34</td>
</tr>
<tr>
<td>Retail</td>
<td>2.9 KSF</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>0</td>
<td>75</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Parking Supply Ratio (spaces/unit)</strong></td>
<td>0.68</td>
<td></td>
</tr>
</tbody>
</table>

Notes:
1. The Project is not required to provide commercial parking spaces, as the proposed commercial space is less than 3,000 square-feet
2. Source: SPASP Form Based Code Section 2.05.07.04 – TOMIMU Zone Off-Street Parking Requirements for Residential; Max 1.5 spaces per DU
3. DU = Dwelling Units; KSF = 1,000 square feet

TDM STRATEGIES TO REDUCE PARKING DEMAND

Project Context

An appropriate TDM plan will depend on the context of the Project within the surrounding neighborhood. The Project is located along a commercial corridor, near Bay Area Rapid Transit (BART) and adjacent to frequent bus service. The nearest BART station is the El Cerrito del Norte station, approximately one-half mile north of the Project. AC Transit is the primary bus service provider with frequent service (approximately 15 minute headways) along San Pablo Avenue; the nearest bus stop is just north of the Project site.

The Project’s proximity to both regional and local transit, as well as to commercial uses, is likely to result in relatively high rates of non-automobile use by residents and visitors. This is evidenced in part by the travel patterns of the area’s existing residents. Based on US Census data, Table 2 summarizes the transportation mode split for employed residents’ journey to work, which shows that a large proportion of employed residents, approximately 34 percent, use public transportation to travel to work.

<table>
<thead>
<tr>
<th>Transportation Mode</th>
<th>Percent of Employed Residents in Surrounding Census Tracts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drove Alone</td>
<td>48%</td>
</tr>
<tr>
<td>Carpooleo</td>
<td>8%</td>
</tr>
<tr>
<td>Public transportation</td>
<td>34%</td>
</tr>
<tr>
<td>Motorcycle</td>
<td>0%</td>
</tr>
<tr>
<td>Bicycle</td>
<td>1%</td>
</tr>
<tr>
<td>Walked</td>
<td>2%</td>
</tr>
<tr>
<td>Other</td>
<td>7%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates, Census Tract 3860
TDM Strategies

The Project could address their less-than-one parking ratio for residents by implementing the following required and additional TDM strategies.

Required Strategies

The following TDM strategies are required as part of the SPASP Form Based Code. These strategies are incorporated into the parking space reduction calculations because they are not accounted for in the base parking demand of 1.07 spaces per unit estimated for the Project.

- **Unbundled Parking** - Unbundled parking means that parking is rented or sold separately than the residential unit, rather than automatically included in the rent or cost. The process of unbundling and itemizing parking costs helps potential residents understand the cost of parking. Not including the price of parking in the housing cost would attract residents that do not own a car. Research indicates that a reduction in automobile ownership can be expected from separately pricing residential parking. The research indicates a reduction of four to 19 percent in automobile ownership if parking is unbundled and charged separately. This corresponds to a reduction in parking demand of approximately two to ten spaces for the proposed Project.

- **Bicycle Parking** – The Project would provide 76 long-term spaces and six short-term bicycle parking spaces. The effectiveness of providing bicycle parking on automobile ownership is not known at this time. However, providing bicycle parking beyond the City Code requirements would make the development more attractive to car-free households. Although, Bicycle parking is required by the San Pablo Avenue Specific Plan but it is still a strategy to reduce parking demand.

Additional Strategies

The following additional TDM strategies are recommended in order to address the Project’s parking deficiency of 0.32 spaces per unit.

- **Transit Fare Subsidies** – Providing free or subsidized transit (such as funding Clipper Cards for residents) would further incentivize project residents to use transit and not own a car. The effectiveness of providing transit subsidies on automobile ownership is estimated based on research compiled in Quantifying Greenhouse Gas Mitigation Measures (California Air Pollution Control Officers Association (CAPCOA), August 2010). This report is a resource for local agencies.

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to quantify the benefit, in terms of reduced travel demand, of implementing various TDM strategies. The focus of the CAPCOA document is reductions to vehicle miles traveled (VMT) and vehicle trip reductions. For the purposes of this analysis the vehicle ownership reduction is assumed to be half of the VMT reduction. Subsidizing transit costs for project residents would make the development more attractive to car-free households. Providing transit subsidies corresponds to a parking demand reduction of two to six spaces for the proposed Project. The Project Developer will provide a $3.00 per day subsidy per residential unit for the first year of occupancy. The subsidy would be in the form of a Clipper Card, with a monthly or annual deposit. This potential subsidy totals an estimated $54,750 ($3 x 50 units x 365 days).

- **TDM Coordinator** – Building management shall designate a “Building TDM coordinator” to coordinate, monitor and publicize TDM activities. The effectiveness of providing a TDM Coordinator on automobile ownership is not known at this time. The developer will instruct the building management company to designate their on site manager as the TDM coordinator.

- **TDM Marketing and Tenant Education** - Building management shall provide employed tenants information about various transportation options in the Project area and the TDM strategies provided by the building. This information would also be posted at central location(s) and be provided to each building tenant. The information shall be updated as necessary. Marketing strategies can promote alternative trips by making commuters aware of the options and incentives of using non-automobile transportation. Implementing commute trip reduction strategies with a complementary marketing strategy can increase the overall effectiveness of the program. A TDM Marketing program corresponds to a reduction in parking demand of about zero to three spaces. The developer will install a transit screen in the lobby with some information on transit routes, fare discounts, rideshare, and walking and biking events, which will be administered by the building management company’s on site manager. This information will include:

  - **Transit Routes** – Promote the use of transit by providing user-focused maps. These maps provide residents with wayfinding to nearby transit stops and transit-accessible destinations, and are particularly useful for those without access to portable mapping applications. The Project will install TransitScreen real-time transit information in a visible location in the building lobby to provide residents with up-to-date transit arrival and departure times.

  - **Transit Fare Discounts** – Provide information about local discounted fare options offered by BART and AC Transit, including discounts for youth, elderly, persons with disabilities, and Medicare cardholders.

  - **Car Sharing** – Promote accessible car sharing programs, such as Zipcar, and Getaround by informing residents and employees of on-site and nearby car sharing locations and applicable membership information.

  - **Ridesharing** – Provide residents and employees with phone numbers and contact information for ride sharing options including Uber, Lyft, and El Cerrito taxi cab services.
o **Carpooling** – Provide residents and employees with phone numbers and contact information for carpool matching services such as the Metropolitan Transportation Commission’s 511 RideMatching.

o **Walking and Biking Events** – Provide information about local biking and walking events as events are planned.

Table 3 summarizes the effectiveness of the strategies discussed above.

### TABLE 3: PROJECT RESIDENT PARKING DEMAND SUMMARY

<table>
<thead>
<tr>
<th>Strategies to Reduce Parking Demand</th>
<th>Parking Space Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Strategies</strong></td>
<td></td>
</tr>
<tr>
<td>Unbundled Parking (4-19%)</td>
<td>-2 to -10</td>
</tr>
<tr>
<td>Bicycle Parking</td>
<td>Unknown</td>
</tr>
<tr>
<td><strong>Additional Strategies</strong></td>
<td></td>
</tr>
<tr>
<td>Transit Fare Subsidy (3-10%)¹</td>
<td>-2 to -6</td>
</tr>
<tr>
<td>TDM Coordinator</td>
<td>Unknown</td>
</tr>
<tr>
<td>Marketing and Education (0-5%)</td>
<td>0 to -3</td>
</tr>
<tr>
<td><strong>Total Reduction</strong></td>
<td>-4 to -19</td>
</tr>
<tr>
<td>Recomm. Parking Supply²</td>
<td>50</td>
</tr>
<tr>
<td>Prop. Parking Supply</td>
<td>34</td>
</tr>
<tr>
<td>Total Parking Demand with TDM Strategies</td>
<td>31 to 46</td>
</tr>
<tr>
<td><strong>Parking Surplus/Deficit</strong></td>
<td>+3 to -12</td>
</tr>
</tbody>
</table>

1. This range represents a $1.00 - $6.00 per day per resident subsidy.
2. Based on SPASP recommended parking minimum of 1.0 spaces per residential unit.


Since the effectiveness of some of the strategies (bicycle parking and TDM coordinator) cannot be quantified at this time, it is conservatively estimated that those strategies would have a parking
space reduction of zero. With this assumption, the strategies combined would reduce parking demand for project residents by between 4 and 19 spaces if all strategies are implemented.

It is estimated that with the implementation of the strategies described above, the peak parking demand generated by Project residents would be reduced to between 31 and 46 parking spaces. Considering the 34 on-site parking spaces, it is estimated that Project would result in between a parking deficit of 12 spaces and a surplus of three spaces after implementation of the required and additional parking demand reduction strategies.

**ON-STREET PARKING DEMAND**

Fehr & Peers assessed on-street parking availability in the Project area on Thursday March 22, 2018 at 9:00 PM and Tuesday March 27, 2018 at 12:00 PM along San Pablo Avenue (between Madison and Bay View Avenues), Jefferson Avenue (between San Pablo Avenue and 57th Street), 57th Street (between Jefferson and Alameda Avenues), and Alameda Avenue (between San Pablo Avenue and 57th Street) within one block of the Project site. The total parking supply in the study area is estimated at about 157 spaces and is generally unrestricted along the residential streets in Richmond, restricted to two-hours during business hours for the residential segments of Jefferson and Alameda Avenues in El Cerrito, and restricted to one or two hours during business hours along San Pablo Avenue. See **Attachment A** for a summary of the parking supply, demand, and restrictions.

The average on-street parking occupancy for each street in the study area is summarized in **Table 5**. As shown in the table, the overall parking occupancy in the area is about 52 percent at 12:00 PM and about 59 percent at 9:00 PM. At both 12:00 PM and 9:00 PM, parking demand is highest along Alameda Avenue, with an occupancy of 84 percent and 90 percent respectively. The average on-street parking occupancy on Jefferson Avenue, where Project residents will mostly likely park, is approximately 47 percent at 12:00 PM and 57 percent at 9:00 PM. Jefferson Avenue, with an estimated 26 available spaces at 12:00 PM and 21 available spaces at 9:00 PM, can accommodate the Project’s potential parking deficit. Assuming that up to 12 additional vehicles would park on Jefferson Avenue, the parking occupancy would increase along Jefferson Avenue to 71 percent at 12:00 PM and 82 percent at 9:00 PM.
### TABLE 5: ON-STREET PARKING DEMAND SUMMARY

<table>
<thead>
<tr>
<th>Street</th>
<th>Supply</th>
<th>12:00 PM</th>
<th></th>
<th>9:00 PM</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Occupancy</td>
<td>Unoccupied</td>
<td>Occupancy</td>
<td>Rate</td>
<td>Occupancy</td>
<td>Unoccupied</td>
<td>Rate</td>
</tr>
<tr>
<td>San Pablo Avenue</td>
<td>40</td>
<td>13</td>
<td>27</td>
<td>15</td>
<td>25</td>
<td>33%</td>
<td>38%</td>
<td></td>
</tr>
<tr>
<td>Jefferson Avenue</td>
<td>49</td>
<td>23</td>
<td>26</td>
<td>28</td>
<td>21</td>
<td>47%</td>
<td>57%</td>
<td></td>
</tr>
<tr>
<td>Alameda Avenue</td>
<td>51</td>
<td>43</td>
<td>8</td>
<td>46</td>
<td>5</td>
<td>84%</td>
<td>90%</td>
<td></td>
</tr>
<tr>
<td>57th Street</td>
<td>17</td>
<td>3</td>
<td>14</td>
<td>4</td>
<td>13</td>
<td>18%</td>
<td>24%</td>
<td></td>
</tr>
<tr>
<td><strong>Total Spaces</strong></td>
<td><strong>157</strong></td>
<td><strong>82</strong></td>
<td><strong>75</strong></td>
<td><strong>93</strong></td>
<td><strong>64</strong></td>
<td><strong>52%</strong></td>
<td><strong>59%</strong></td>
<td></td>
</tr>
</tbody>
</table>


Please contact us with questions or comments.

Attachment A – On-Street Parking Demand
10963 San Pablo Avenue - Attachment A

### On-Street Parking Demand

<table>
<thead>
<tr>
<th>Street</th>
<th>Block</th>
<th>Side</th>
<th>Supply</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Pablo Ave</td>
<td>Madison Ave to Jefferson Ave</td>
<td>West</td>
<td>2</td>
<td>0</td>
<td>2</td>
<td>0%</td>
<td>1</td>
<td>1</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>San Pablo Ave to Alameda Ave</td>
<td>West</td>
<td>12</td>
<td>7</td>
<td>5</td>
<td>58%</td>
<td>2</td>
<td>10</td>
<td>17%</td>
</tr>
<tr>
<td>San Pablo Ave</td>
<td>Alameda Ave to Bayview Ave</td>
<td>West</td>
<td>5</td>
<td>5</td>
<td>0</td>
<td>100%</td>
<td>3</td>
<td>2</td>
<td>60%</td>
</tr>
<tr>
<td></td>
<td>Madison Ave to Jefferson Ave</td>
<td>East</td>
<td>12</td>
<td>0</td>
<td>12</td>
<td>0%</td>
<td>2</td>
<td>10</td>
<td>17%</td>
</tr>
<tr>
<td>San Pablo Ave</td>
<td>Jefferson Ave to Alameda Ave</td>
<td>East</td>
<td>8</td>
<td>0</td>
<td>8</td>
<td>0%</td>
<td>7</td>
<td>1</td>
<td>88%</td>
</tr>
<tr>
<td>San Pablo Ave</td>
<td>Alameda Ave to Bayview Ave</td>
<td>East</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>1</td>
<td>0%</td>
</tr>
</tbody>
</table>

**San Pablo Ave Subtotal**

<table>
<thead>
<tr>
<th>Street</th>
<th>Block</th>
<th>Side</th>
<th>Supply</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jefferson Ave</td>
<td>San Pablo to S 57th St</td>
<td>North</td>
<td>26</td>
<td>9</td>
<td>17</td>
<td>35%</td>
<td>12</td>
<td>14</td>
<td>46%</td>
</tr>
<tr>
<td>Jefferson Ave</td>
<td>San Pablo to S 57th St</td>
<td>South</td>
<td>23</td>
<td>14</td>
<td>9</td>
<td>61%</td>
<td>16</td>
<td>7</td>
<td>70%</td>
</tr>
</tbody>
</table>

**Jefferson Ave Subtotal**

<table>
<thead>
<tr>
<th>Street</th>
<th>Block</th>
<th>Side</th>
<th>Supply</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alameda Ave</td>
<td>San Pablo to S 57th St</td>
<td>North</td>
<td>26</td>
<td>21</td>
<td>5</td>
<td>81%</td>
<td>22</td>
<td>4</td>
<td>85%</td>
</tr>
<tr>
<td>Alameda Ave</td>
<td>San Pablo to S 57th St</td>
<td>South</td>
<td>25</td>
<td>22</td>
<td>3</td>
<td>88%</td>
<td>24</td>
<td>1</td>
<td>96%</td>
</tr>
</tbody>
</table>

**Alameda Ave Subtotal**

<table>
<thead>
<tr>
<th>Street</th>
<th>Block</th>
<th>Side</th>
<th>Supply</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>S 57th St</td>
<td>Jefferson Ave to Alameda Ave</td>
<td>West</td>
<td>8</td>
<td>1</td>
<td>7</td>
<td>13%</td>
<td>2</td>
<td>6</td>
<td>25%</td>
</tr>
<tr>
<td>S 57th St</td>
<td>Jefferson Ave to Alameda Ave</td>
<td>East</td>
<td>9</td>
<td>2</td>
<td>7</td>
<td>22%</td>
<td>2</td>
<td>7</td>
<td>22%</td>
</tr>
</tbody>
</table>

**S 57th Street Subtotal**

<table>
<thead>
<tr>
<th>Street</th>
<th>Block</th>
<th>Side</th>
<th>Supply</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
<th>Occupancy</th>
<th>Unoccupied</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>157</td>
<td>82</td>
<td>75</td>
<td>52%</td>
<td>93</td>
<td>64</td>
<td>59%</td>
</tr>
</tbody>
</table>

### Other Notes

Parking on San Pablo Avenue limited to 2 hr, 9am-6pm ("except by permit" on the east side)

Parking on Jefferson and Alameda Avenues in El Cerrito limited to 1 hr, 9am-6pm