

# Phase I Environmental Site Assessment

Eastmont Town Center

7000-7200 Bancroft Avenue  
Oakland, California

EBI Project No. 1115006020

September 21, 2015



Prepared for:

East West Bank  
9300 Flair Drive, 6th Floor  
El Monte, CA 91731

Prepared by:



**EBI Consulting**  
environmental | engineering | due diligence

September 21, 2015

Mr. Ernie Lopez, MAI  
East West Bank  
9300 Flair Drive, 6th Floor  
El Monte, CA 91731

**Subject: Phase I Environmental Site Assessment  
Eastmont Town Center  
7000-7200 Bancroft Avenue, Oakland, California  
EBI Project No. 1115006020**

Dear Mr. Lopez:

Attached please find our *Phase I Environmental Site Assessment* (the report) for the above-mentioned asset (the Subject Property). During the survey and research, our surveyor met with agents representing the Subject Property, or agents of the owner, and reviewed the Subject Property and its history. The report was completed according to the terms and conditions authorized by you. This report has been completed in general conformance with the ASTM Standard E 1527-13.

The purpose of this report is to assist *East West Bank* in its underwriting of a proposed mortgage loan on the Subject Property described herein.

East West Bank, its employees, agents, successors, and assigns may rely upon this report in evaluating a request for an extension of credit (the "Mortgage Loan") to be secured by the property. This information may also be used by any actual or prospective purchaser, transferee, assignee, or servicer of the Mortgage Loan, any actual or prospective investor (including agent or advisor) in any securities evidencing a beneficial interest in or backed by the Mortgage Loan, any rating agency actually or prospectively rating any such securities, any indenture trustee, and any institutional provider(s) from time to time of any liquidity facility or credit support for such financing. In addition, this report or a reference to this report may be included or quoted in any offering circular, private placement memorandum, registration statement, or prospectus and EBI agrees to cooperate in answering questions by any of the above parties in connection with a securitization or transaction involving the Mortgage Loan and/or such securities. This report has no other purpose and should not be relied upon by any other person or entity.

There are no intended or unintended third party beneficiaries to this report, except as expressly stated herein.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the report or on the closing of any business transaction.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Thank you very much for the opportunity to provide environmental consulting services to *East West Bank*. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,  
**EBI CONSULTING**



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## EXECUTIVE SUMMARY

At the request of East West Bank, EBI has performed a Phase I Environmental Site Assessment (ESA) of the property located at 7000-7200 Bancroft Avenue in Oakland, California, herein referred to as the Subject Property. The main objective of this ESA was to identify *recognized environmental conditions* in connection with the Subject Property, defined in ASTM Practice E 1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. This ESA also includes a preliminary evaluation of certain potential environmental conditions that are outside the scope of ASTM Practice E 1527-13.

The Subject Property includes four contiguous parcels, cumulatively totaling approximately 11.03-acres. The Subject Property is currently improved with a retail strip plaza, including one anchor grocery store, four junior tenants, five in-line retail tenant spaces, and one restaurant outbuilding. There are two additional restaurant outbuildings and one retail / commercial outbuilding all on ground leases. There are no basements present beneath the existing structures. The existing improvements were constructed between 1968 and 2004.

At the time of assessment, the Subject Property was occupied by one anchor grocery store, four junior tenants, five in-line retail tenant spaces, and one restaurant outbuilding. There are two additional restaurant outbuildings and one retail / commercial outbuilding all on ground leases located along Bancroft Avenue. One vacant tenant space was identified at the time of assessment. It should be noted that an on-site dry cleaning facility was identified at 7000 Bancroft Avenue. There are currently no manufacturing or industrial operations conducted at the Subject Property.

Below is the Assessment Summary Table presenting our recommended actions for the Subject Property. EBI's Findings and Opinions are presented in Section 8.0, and recommendations for further action or investigation are presented in Section 9.0.

ASSESSMENT SUMMARY TABLE			
Assessment Component	Section(s)	Recommended Actions	Estimated Cost
Historical Review	4.3	EBI recommends continuing remediation activities and/or groundwater monitoring for Sparkle Cleaners in accordance with the requirements of the Alameda County Environmental Health Department and/or the CA RWQCB until such time as a No Further Action outcome is achieved.	Action Item
Current Occupants / Operations	2.3, 5.0	No Further Action	
Hazardous Substances / Petroleum Products	5.2	No Further Action	
Waste Generation	5.3	No Further Action	

<b>ASSESSMENT SUMMARY TABLE</b>			
<b>Assessment Component</b>	<b>Section(s)</b>	<b>Recommended Actions</b>	<b>Estimated Cost</b>
<b>Storage Tanks</b>	5.4	EBI recommends that requisite response actions associated with the open on-site LUST case (Global Id: T0600100201) be completed by BP Oil in accordance with the requirements of the Alameda County Environmental Health Department and/or the CA RWQCB until such time as a No Further Action outcome is achieved. EBI additionally recommends that a copy of the lease agreement / site cleanup requirements between the gas station operator (BP Oil) and current site ownership be obtained.	Action Item
<b>PCBs</b>	5.5	No Further Action	
<b>Potential Off-site Sources</b>	2.5, 4.1	No Further Action	
<b>Regulatory Agency / Database Review</b>	4.1	See Recommended Actions Historical Review and Storage Tanks	
<b>Asbestos Containing Materials</b>	7.1	Develop and implement Asbestos Operations and Maintenance (O&M) Plan.	\$500 to prepare O&M Plan
<b>Radon</b>	7.2	No Further Action	
<b>Lead-Based Paint</b>	7.3	No Further Action	
<b>Lead in Drinking Water</b>	7.4	No Further Action	
<b>Vapor Migration</b>	7.5	EBI recommends that a limited subsurface investigation be conducted in the vicinity of the on-site dry cleaning facility, in order to determine whether post remediation soil vapor is present above regulatory action levels and to evaluate the downgradient extent of PCE impact to groundwater.	\$8,000 to \$12,000

## **I.0 INTRODUCTION**

This report documents the findings, opinions, and conclusions of a Phase I Environmental Site Assessment (ESA) of the property located at 7000-7200 Bancroft Avenue in Oakland, California.

### **I.1 PURPOSE**

The purpose of this ESA was to identify *recognized environmental conditions* and certain environmental conditions outside the scope of ASTM Practice E 1527-13 in connection with the property at the time of the property reconnaissance.

### **I.2 SCOPE-OF-SERVICES**

This ESA was conducted utilizing a standard of good commercial and customary practice that was consistent with the ASTM Practice E 1527-13. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1527-13 are noted below or in the corresponding sections of this report. The scope-of-work for this assessment included an evaluation of the following:

- Physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils and hydrologic data.
- Subject Property history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews.
- Current Subject Property conditions, including observations and interviews regarding the following: the presence or absence of hazardous substances or petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or biomedical waste; equipment that utilizes oils which potentially contain PCBs; and storage tanks (aboveground and underground).
- Usage of surrounding area properties and the likelihood for releases of hazardous substances and petroleum products (if known and/or suspected) to migrate onto the Subject Property.
- Information in referenced environmental agency databases and local environmental records, within specified minimum search distances.
- Past ownership through a review of available prior reports and local municipal file review.

The scope-of-work also included consideration of the following potential environmental conditions that are outside the scope of ASTM Practice E 1527-13: asbestos-containing materials (ACM), lead-based paint (LBP), lead in drinking water, radon, and vapor migration.

### **I.3 ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS**

This Phase I Environmental Site Assessment (the report) has been prepared for the use of East West Bank, in accordance with our Master Service Agreements dated September 2014 and Authorization Letter and Agreement for Environmental Services approved and signed by East West Bank, and with the limitations described below, all of which are integral parts of this report. A copy of the signed Master Service Agreements dated September 2014 and Authorization Letter and Agreement for Environmental Services is maintained at the EBI Consulting office in Burlington, Massachusetts.

EBI has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This report was prepared with no exceptions or deletions from ASTM Standard E 1527-13.

This Phase I Environmental Site Assessment has been prepared to assess a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit East West Bank to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice” as defined in 42 U.S.C. § 9601(35)(B).

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify *recognized environmental conditions*. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis conditions* that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

The information reported was obtained through sources deemed reasonably ascertainable, as defined in ASTM Standard E 1527-13; a visual site survey of areas readily observable, easily accessible or made accessible by the Subject Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property. Municipal information was obtained through review of reasonably ascertainable standard government record sources and interviews with the authorities having jurisdiction over the Subject Property. Findings, conclusions, and recommendations included in the report are based on our visual observations in the field, the municipal information reasonably obtained, information provided by the Client, and/or a review of readily available and supplied documents and drawings. EBI relies completely on the information, whether written, graphic, or verbal, provided by the Subject Property contact or as shown on any documents reviewed or received from the Subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of these environmental services.

The observations in this report are valid on the date of the investigation. Where access to portions of the Subject Property or to structures on the Subject Property was unavailable or limited, EBI renders no opinion as to the presence of hazardous substances or petroleum products in that portion of the Subject Property or structure. Inaccessible portions of the Subject Property are described below. In addition, EBI renders no opinion as to the presence of, or indirect evidence relating to, hazardous substances or petroleum products where direct observation of the interior walls, floor, or ceiling of a structure was obstructed by objects or coverings on or over these surfaces.

It is acknowledged that EBI judgments shall not be based on scientific or technical tests or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by the Client. It is acknowledged further that EBI conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services are not guaranteed to be a representation of actual conditions on the Subject Property, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI shall use that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchantability and the warranty of fitness for a particular purpose.

Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

The ASTM Standard E 1527-13 does not encompass analytical testing to evaluate asbestos containing materials, radon, lead-based paint, drinking water quality, indoor air quality, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Any analytical testing performed at the Subject Property has been conducted in accordance with the Master Service Agreements dated September 2014 and Authorization Letter and Agreement for Environmental Services and the client-specific Scope of Work. Unless otherwise specified herein, such testing involves screening methods intended to provide a broad and approximate evaluation of conditions at readily accessible portions of the Subject Property, limited by project constraints, and should not be construed as a comprehensive program designed to comply with a specific regulatory program. If a thorough and regulatory-compliant study is warranted based on the findings of the Phase I ESA, EBI will recommend the appropriate further investigation. In certain cases, quantitative laboratory testing is performed as part of the assessment and analyses have been conducted by an outside laboratory. EBI relies upon the data provided by the outside laboratory, and has not conducted an independent evaluation of the reliability of this data.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The report speaks only as of its date, in the absence of a specific written update of the report, signed and delivered by EBI.

Additional information that becomes available after our survey and draft submission concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified if necessary, at additional cost. This report has been prepared in accordance with our Master Service Agreements dated September 2014, which is an integral part of this report.

#### **I.4 SPECIAL TERMS AND CONDITIONS**

This Phase I Environmental Site Assessment (the report) has been prepared to assist a lender to be selected by East West Bank in determining whether to make a loan evidenced by a note secured by the Subject Property. Reliance upon this report does not extend to entities or individuals interested in purchasing the Subject Property. Amendments to EBI's limitations as stated herein that may occur after

issuance of the report are considered to be included in this report. EBI's liability to a purchaser wishing to use this report is limited to the cost of the report. Payment for the report is made by, and EBI's contract and report extends to East West Bank only, in accordance with our Master Service Agreements dated September 2014 and Authorization Letter and Agreement for Environmental Services.

## **I.5 DATA GAPS**

Any data gaps identified herein, as defined by ASTM Practice E 1527-13 § 3.2.20, are not considered to have significantly affected the ability to identify recognized environmental conditions in connection with the Subject Property and do not alter the conclusions of this report.

## 2.0 SUBJECT PROPERTY DESCRIPTION

### 2.1 OWNERSHIP AND LOCATION

According to Ms. Beena Standig, General Manager, the Subject Property is currently owned by SKB Company.

The Subject Property is located at 7000-7200 Bancroft Avenue in Oakland, Alameda County, California. The Subject Property includes four contiguous parcels, identified by the Alameda County Assessor's Office as Parcel Numbers 039-3291-022-00, 039-3299-001-02, 039-3299-002-02, and 039-3299-003-00, cumulatively totaling approximately 11.03-acres. The Subject Property is located in the northeast quadrant of the Bancroft Avenue and 73<sup>rd</sup> Avenue. Figure 1 - Location Map depicts the location of the Subject Property on a street map of Oakland, California. Figure 2 - Locus Map depicts the location of the Subject Property on the Oakland East, California United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle. Figure 3 - Site Plan depicts the configuration of the Subject Property and adjoining properties.

### 2.2 SUBJECT PROPERTY IMPROVEMENTS

The Subject Property is currently improved with a retail strip plaza, including one anchor grocery store, four junior tenants, five in-line retail tenant spaces, and one restaurant outbuilding. There are two additional restaurant outbuildings and one retail / commercial outbuilding all on ground leases. There are no basements present beneath the existing structures. The existing improvements were constructed between 1968 and 2004.

The retail building is located on the northeast portion of the Subject Property and the out buildings are located on the southwest portion of the Subject Property. Areas of the Subject Property surrounding the existing building include the following: asphalt-paved surface parking, located between the main retail building and the out buildings; concrete walkways, located throughout the Subject Property; landscaping surrounding each out building; and a vacant lot near the south corner of the Subject Property. Land and building areas are as follows:

SUBJECT PROPERTY IMPROVEMENTS					
Address	Floors	Basement	Area (SF)	DOC	Lot Size (Acres)
6900 Bancroft Avenue	1	No	116,497 Total	Between 1968 and 2014	11.03 Inclusive
7000 Bancroft Avenue	1	No			
7200 Bancroft Avenue	1	No			
7210 Bancroft Avenue	NA	NA			

SF: Net Rentable Square Feet

DOC: Date of Construction

### 2.3 CURRENT USE OF THE SUBJECT PROPERTY

At the time of assessment, the Subject Property was occupied by one anchor grocery store, four junior tenants, five in-line retail tenant spaces, and one restaurant outbuilding. There are two additional restaurant outbuildings and one retail / commercial outbuilding all on ground leases located along Bancroft Avenue. One vacant tenant space was identified at the time of assessment. It should be noted that an on-site dry cleaning facility was identified at 7000 Bancroft Avenue. Also, a former Chevron gasoline service station was located at 7210 Bancroft Avenue, which is currently an unpaved portion of the parking area on the southern portion of the Subject Property and southwest of CVS Pharmacy.

Operations associated with the existing dry cleaning facility and former gasoline station are further discussed in Section 5.0. There are currently no manufacturing or industrial operations conducted at the Subject Property.

<b>CURRENT OCCUPANTS AND OPERATIONS</b>			
<b>Occupant</b>	<b>Location</b>	<b>Operations</b>	<b>Notable Hazardous Substances / Petroleum Products Identified</b>
Taco Bell (ground lease)	6900 Bancroft Avenue	Restaurant	No / No
Bank of America	6900 Bancroft Avenue	Commercial bank	No / No
Subway	7000 Bancroft Avenue	Restaurant	No / No
Sparkle Cleaners	7000 Bancroft Avenue	On-site Drycleaner	No / No
Burger King (ground lease)	7200 Bancroft Avenue	Restaurant	No / No
AutoZone (ground lease)	7200 Bancroft Avenue	Retail Auto Parts / Supplies	No / No
Best Price Fashions	7200 Bancroft Avenue	Retail clothing	No / No
Shiekh Shoes	7200 Bancroft Avenue	Retail shoes	No / No
Cricket	7200 Bancroft Avenue	Retail	No / No
Star Beauty Supply	7200 Bancroft Avenue	Retail beauty supplies	No / No
Fantasy Gifts	7200 Bancroft Avenue	Retail gift shop	No / No
Fitters	7200 Bancroft Avenue	Retail clothing	No / No
Rainbow Apparel	7200 Bancroft Avenue	Retail clothing	No / No
Gazzali's Supermarket	7000 Bancroft Avenue	Grocery store	No / No
dd's Discounts	7200 Bancroft Avenue	Retail	No / No
CVS	7200 Bancroft Avenue	Retail and Pharmacy	No / No

Please refer to Section 5.2 for further discussion regarding hazardous substances and petroleum products at the Subject Property.

## 2.4 MUNICIPAL SERVICES & UTILITIES

The Subject Property is serviced by the following municipal services and utilities:

<b>MUNICIPAL SERVICES AND UTILITIES</b>	
<b>Utility</b>	<b>Provider/Source</b>
Potable Water Supply	East Bay Municipal Utility District (EBMUD)
Sewage Disposal System	EBMUD
Electrical Service	Pacific Gas and Electric (PG&E)
Natural Gas Service	PG&E
Oil Service	Not provided
Heating/Cooling Systems	Nine rooftop-mounted packaged units and four rooftop-mounted condenser units
Emergency Power	One 70 KW diesel fired emergency generator with a self-contained fuel tank

## 2.5 ADJOINING PROPERTIES

The Subject Property is located in a well developed area of south Oakland in the Eastmont District, approximately ten miles from downtown Oakland. Property use in the vicinity of the Subject Property is primarily characterized by residential and retail / commercial development.

<b>ADJOINING PROPERTIES</b>	
<b>Northeast</b>	The Subject Property is bound to the northeast by Alameda County Offices, Oakland Library, and Oakland Police Station and a parking garage (2651 73 <sup>rd</sup> Ave.).
<b>North</b>	The Subject Property is bound to the north by Miley Gardens Senior Housing (2520 Church



ADJOINING PROPERTIES	
	St.), followed by Church Street, across which is Diamond Drycleaner, and a former gas station (6816 Bancroft Ave.), Edward Shands Adult School – Closed (2511 Church St.) and a residences along 68 <sup>th</sup> Avenue.
<b>Southwest</b>	The Subject Property is bound to the southwest by Bancroft Avenue, across which are single-family residences along Halliday Avenue, and a Valero Gas Station (7225 Bancroft Avenue).
<b>Southeast</b>	The Subject Property is bound to the southeast by 73 <sup>rd</sup> Avenue, across which are single-family residences along 74 <sup>th</sup> Avenue.
<b>West</b>	The Subject Property is bound to the west by the intersection of Bancroft Avenue and Church Street, across which are single-family residences along Church Street and 68 <sup>th</sup> Avenue.
<b>South</b>	The Subject Property is bound to the south by the intersection of Bancroft Avenue and 73 <sup>rd</sup> Avenue, across which is Church's Chicken (7301 Bancroft Avenue) and residences along Halliday Avenue and 75 <sup>th</sup> Avenue.

No visual evidence of adverse environmental conditions was observed during the survey of the adjoining properties, with the exception of Diamond Drycleaner, the former Chevron Station, and Valero Gas Station, which are further discussed in Section 4.1.

### **3.0 USER PROVIDED INFORMATION**

The following section summarizes information provided by East West Bank with regard to this Phase I Environmental Site Assessment. Additionally, a User Questionnaire was forwarded to the designated Client contact. The User Questionnaire has not been completed and returned to our offices. The information requested in the User Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property.

#### **3.1 TITLE RECORDS**

Title record information associated with the Subject Property has not been provided to EBI by East West Bank. A detailed discussion regarding review of information obtained from other sources is presented in Section 4.3.5 of this report.

#### **3.2 ENVIRONMENTAL LIENS AND ACTIVITY AND USE LIMITATIONS**

East West Bank has provided no information regarding environmental liens or activity and use limitations in connection with the Subject Property. A detailed discussion regarding environmental liens is presented in Section 4.3.7 of this report. A detailed discussion regarding activity and use limitations is presented in Sections 4.1.1 and 4.1.2 of this report.

#### **3.3 SPECIALIZED KNOWLEDGE**

East West Bank provided no specialized knowledge that is material to recognized environmental conditions in connection with the Subject Property. EBI was not provided with or made aware of previous environmental assessments or other documentation that is material to recognized environmental conditions in connection with the Subject Property, except as presented in Section 4.3.8 of this report.

#### **3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

East West Bank has provided no commonly known or reasonably ascertainable information within the local community about the Subject Property that is material to recognized environmental conditions in connection with the Subject Property.

#### **3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

East West Bank has provided no information regarding valuation reduction for environmental issues in connection with the Subject Property.

#### **3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION**

East West Bank provided contact information for the Subject Property owner, manager and/or occupants.

#### **3.7 REASON FOR PERFORMING PHASE I ESA**

East West Bank retained EBI to complete this Phase I Environmental Site Assessment in connection with a real estate transaction.

## 4.0 RECORDS REVIEW

### 4.1 STANDARD ENVIRONMENTAL RECORDS

A review of standard environmental databases maintained by Federal, state, and tribal offices was completed through Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by ASTM Standard E 1527-13, by using geocoding information that identified the coordinates of the properties in the databases or by checking the street addresses of practically reviewable non-geocoded “orphan” properties within the same zip code. The database report is presented in Appendix E.

The database report identified nine “orphan sites.” Orphan sites are those sites that could not be accurately mapped or geocoded due to inadequate location information. EBI attempted to locate these sites via vehicular reconnaissance and interviews with personnel familiar with the area. Based on this research, EBI did not identify listed orphan sites within the approximate minimum search distances that may be considered likely to have impacted conditions at the Subject Property.

It should be noted that plotted locations of listed sites are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, EBI uses the best available data when evaluating the location of listed sites discussed below.

The following table provides a summary of the findings of the environmental database report. Specific properties identified within the database report are further discussed below.

SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS			
Regulatory Database	Approximate Minimum Search Distance	Subject Property Listed	Off-site Listings Within Search Distance
Federal NPL Sites	1.0 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
Federal CERCLIS Sites	0.5 mile	No	0
Federal CERCLIS NFRAP Sites	0.5 mile	No	0
Federal RCRA CORRACTS Sites	1.0 mile	No	0
Federal RCRA non-CORRACTS TSD Sites	0.5 mile	No	0
Federal RCRA Generators Sites	Property & Adjoining	<b>Yes (3)</b>	0
Federal Engineering / Institutional Control Sites	0.5 mile	No	0
Federal ERNS Sites	Property	No	NA
Federal FINDS	Property	<b>Yes (5)</b>	NA
Federal Emissions Inventory Data (EMI)	Property	<b>Yes (2)</b>	0
CA High-Priority Confirmed Release Sites (Response)	1.0 mile	No	0
CA Proposition 65 Notification Records	1.0 mile	No	2
CA Toxic Pits Cleanup Act Sites (Toxic Pits)	1.0 mile	No	0
CA Bond Expenditure Plan	1.0 mile	No	0
CA Historical Hazardous Waste and Substances Sites List (Historical Cortese)	0.5 mile	<b>Yes (1)</b>	10
CA Spill, Leaks, Investigations, and Cleanup (SLIC)	0.5 mile	<b>Yes (1)</b>	0
CA Voluntary Cleanup Program (VCP) Properties	0.5 mile	No	0
CA Regional Water Quality Control Board (RWQCB)	0.5 mile	<b>Yes (1)</b>	12

<b>SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS</b>			
<b>Regulatory Database</b>	<b>Approximate Minimum Search Distance</b>	<b>Subject Property Listed</b>	<b>Off-site Listings Within Search Distance</b>
Leaking Underground Storage Tanks (LUST)			
CA AST and UST Databases (FID/HIST/SWEEPS)	Property & Adjoining	<b>Yes (1)</b>	<b>1</b>
CA Solid Waste Information System (SWIS)	0.5 mile	No	0
CA Waste Management Unit Database / Solid Waste Assessment Test (WMUDS/SWAT)	0.5 mile	No	0
CA Hazardous Material Incident Report System (CHMIRS)	Property	No	NA
CA Recycling Facilities (SWRCY)	0.5 mile	No	NA
CA Hazardous Waste Information System (HAZNET)	Property	<b>Yes (14)</b>	NA
CA Site Mitigation and Brownfields Reuse Program (SMBRP) Facility Sites with Deed Restrictions & Hazardous Waste Management Program (HWMP) Facility Sites with Deed / Land Use Restriction (ENVIROSTOR)	0.5 mile	No	<b>2</b>
Tribal Environmental Databases	1.0 mile	No	0
Alameda County Cleanup Site	0.5 mile	<b>Yes (2)</b>	<b>10</b>
Dry Cleaners	Property	<b>Yes</b>	0
Historical Cleaners	Property	<b>Yes</b>	NA

#### 4.1.1 Federal Agency Database Records

##### National Priority List (NPL)

The NPL database, also known as the Superfund List, is a subset of CERCLIS and identifies sites that are ranked as high priority for remedial action under the Federal Superfund Act. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the NPL.

##### Delisted National Priority List (NPL)

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes 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. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the Delisted NPL database.

##### Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

CERCLIS contains data regarding 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 (CERCLA). CERCLIS contains sites that are included on the National Priority List (NPL), as well as sites which are in the screening and assessment phase for possible inclusion on the NPL. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the CERCLIS database.

CERCLIS – No Further Remedial Action Planned (CERCLIS-NFRAP)

As of February 1995, CERCLIS sites designated as No Further Remedial Action Planned (NFRAP) have been removed from the CERCLIS list. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed without the need for the site to be placed on the NPL, or the contamination was not considered sufficient to warrant Federal Superfund action or NPL consideration. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the CERCLIS-NFRAP database.

Resource Conservation and Recovery Act (RCRA) – Corrective Action Tracking System (CORRACTS)

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information regarding sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. The RCRA-CORRACTS database identifies TSD facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the RCRA CORRACTS database.

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) Facilities

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) facilities are required to register hazardous waste activity under the Resource Conservation and Recovery Act (RCRA). Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the RCRA non-CORRACTS TSD database.

RCRA Hazardous Waste Generators

Hazardous waste generators tracked under the Resource Conservation and Recovery Act (RCRA) are classified as either Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQG). A RCRA-LQG is defined as a facility that generates over 1,000 kilograms (Kg) of hazardous waste, or over 1 Kg of acutely hazardous waste per month. A RCRA-SQG is defined as a facility that generates between 100 Kg and 1,000 Kg of hazardous waste per month. A RCRA-CESQG is defined as a facility that generates less than 100 Kg of hazardous waste, or less than 1 Kg of acutely hazardous waste per month. The Subject Property was identified on the RCRA Generator database. None of the adjoining properties were identified on the RCRA Generator database. Information regarding the Subject Property is presented in the following table:

RCRA GENERATORS			
Site	Distance / Direction / Gradient*	EPA ID No.	Regulatory Status
Sparkle Cleaners 7000 Bancroft Ave. Oakland, CA	Subject Property	CAR000193839	No violations found
CVS Pharmacy No. 8431 7200 Bancroft Ave. Oakland, CA	Subject Property	CAR000233940	No violations found
Tosco Northwest Co. No. 11117 7210 Bancroft Ave. Oakland, CA	Subject Property	CAR000000414	No violations found

\* Presumed hydrogeologic gradient based upon regional topography

Two current Subject Property tenants are listed as RCRA-LQGs, Sparkle Cleaners (7000 Bancroft Avenue) and CVS Pharmacy (7200 Bancroft Avenue). Based upon information presented in the environmental database report, both tenants generate more than 1,000 Kg of hazardous waste per month, including spent halogenated solvents (Sparkle Cleaners) and ignitable and corrosive waste associated with film development (CVS Pharmacy). No violations were reported for either tenant. Sparkle Cleaners no longer uses halogenated solvents in their drycleaning process and CVS no longer develops film on-site. Based upon the absence of reported violations, discontinued use of chemicals, and the site conditions observed during EBI's reconnaissance, the RCRA-LQG database listings for Sparkle Cleaners and CVS Pharmacy are not considered to represent an existing release, past release, or material threat of release of hazardous substances or petroleum products on the Subject Property.

Sparkle Cleaners is further discussed in the SLIC discussion below and in Section 4.3.8.

One former occupant of the Subject Property, Tosco Northwest Company No. 11117, was listed on the RCRA-SQG of hazardous waste. Tosco Northwest Company No. 11117 occupied 7210 Bancroft Avenue from circa 1974 until 2013. The former gas station location is currently fenced bare land. Based upon the absence of reported violations and the absence of an active gas station at the time of EBI's reconnaissance, the RCRA-SQG database listing for Tosco Northwest Company No. 11117 is not considered to represent an existing release, past release, or material threat of release of hazardous substances or petroleum products on the Subject Property. Tosco Northwest Company No. 11117 is further discussed in the Leaking Underground Storage Tank section below.

#### Federal Engineering Control / Institutional Control Registries

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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. 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. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on Federal Engineering Control or Institutional Control Registries.

#### Emergency Response Notification System (ERNS)

ERNS is a national database used to collect information regarding reported releases of petroleum products and/or hazardous substances. The database contains information from spill reports submitted to Federal agencies, including the EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation. A review of this database was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property. The Subject Property was not identified on the ERNS database.

#### Facility Index Notification Database System (FINDS)

FINDS is a pointer database, which points to other databases/sources that contain more detail. EDR includes the following FINDS databases: 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). The Subject Property tenants Sparkle Cleaners

and CVS Pharmacy were listed on the FINDS database because they are also listed on the RCRA Generators database.

The Subject Property identified as City of Oakland, Environmental Services Division (no longer present) is listed on the FINDS database due to their listing on the Criteria and Hazardous Air Pollutant Inventory. Based on the decommissioning of this facility, the nature of the listing (air pollutants), and the site conditions observed during EBI's reconnaissance, it is considered unlikely that conditions associated with the identified FINDS listing represent an environmental concern to the Subject Property.

The Subject Property identified as AutoZone is listed on the FINDS database due to their listing on the California Used Oil Recycling System (UORS) and California Integrated Waste Management Board (CIWMB). Based on the absence of reported releases and site conditions observed during EBI's reconnaissance, It is considered unlikely that conditions associated with the identified FINDS listing represent an environmental concern to the Subject Property.

#### 4.1.2 State and Tribal Agency Database Records

##### High-Priority Confirmed Release Sites (Response)

The California High-Priority Confirmed Release Sites (Response) database contains confirmed release sites where the California Department of Toxic Substance Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk sites. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the Response database.

##### Proposition 65 Notification Records

Proposition 65 Notification Records contain facility notifications regarding any release that could potentially impact drinking water and thereby expose the public to a potential health risk. The Subject Property was not identified on the Proposition 65 Notification database. However, two sites located within 1.0 mile of the Subject Property were identified on the Proposition 65 Notification database. Both identified sites are located greater than 0.75 miles from the Subject Property and therefore do not represent an environmental concern to the Subject Property.

##### Toxic Pits Cleanup Act Sites (Toxic Pits)

The Toxic Pits Cleanup Act Sites (Toxic Pits) database contains sites identified by the California Water Resources Control Board that are suspected to contain hazardous substances where cleanup has not yet been completed. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the Toxic Pits database.

##### California Bond Expenditure Plan

The California Bond Expenditure Plan was developed by the California Department of Health Services as a site-specific expenditure plan for the appropriation of Hazardous Substance Cleanup Bond Act funds. This is a historic database that has been replaced by the Envirostor List. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the California Bond Expenditure Plan database.

##### Hazardous Waste and Substances Sites List (Cortese)

The Hazardous Waste and Substance Site List (also known as the Cortese List) is a planning document used by the State, local agencies, and developers to comply with California Environmental Quality Act requirements in providing information regarding the location of hazardous materials releases. Government Code Section 65962.5 requires the California Environmental Protection Agency to develop

at least annually an updated Cortese List. The California Department of Toxic Substance Control (DTSC) is responsible for preparing a portion of the information that comprises the Cortese List, and other state and local government agencies are required to provide additional hazardous material release information for the Cortese List. The Subject Property and eight sites located within 0.5 miles of the Subject Property have been identified on the Cortese List. Of the listed sites, one site is located greater than 0.25 mile from the Subject Property. Based upon the distance and/or hydrogeologic separation from the Subject Property, this site is considered unlikely to represent an existing release, past release, or material threat of release of hazardous substances or petroleum products on the Subject Property. Five of the remaining eight Cortese List sites located within 0.25 mile of the Subject Property have been granted closure by the Bay Area RWQCB. Based upon the regulatory status, these five sites are considered unlikely to represent an environmental concern to the Subject Property. Information regarding the Subject Property and three active listed sites is presented in the following table:

<b>CORTESE</b>			
<b>Site</b>	<b>Distance / Direction / Gradient</b>	<b>ID No.</b>	<b>Regulatory Status</b>
BP Oil Co Facility Site No. 11117 7210 Bancroft Ave. Oakland, CA	Subject Property	01-0215	Notification Date: 01/05/1992 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Remediation, 03/26/2012 Date of Closure: NA
Eastmont Auto Goodyear 7250 Bancroft Ave. Oakland, CA	Subject Property	01-2415	Notification Date: 09/24/1993 Contaminants: Not reported Media Impacted: Soil Status: <u>Case Closed</u> Date of Closure: 1998
Chevron USA Inc. Service Station #93322 7225 Bancroft Ave. Oakland, CA	Adjacent / Southwest / Downgradient	01-2263	Notification Date: 11/07/1997 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Assessment and Interim Remedial Action Date of Closure: NA
Beacon 6600 Foothill Blvd. Oakland, CA	0.212 miles / Southwest / Downgradient	01-2481	Notification Date: 12/16/1998 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Eligible for Closure Date of Closure: NA
Stop n Go Market 7701 Bancroft Ave. Oakland, CA	0.211 miles / Southeast / Crossgradient	T10000004796	Notification Date: 11/13/2012 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Site Assessment Date of Closure: NA

\* Presumed hydrogeologic gradient based upon regional topography

Eastmont Auto and the former Tosco/BP station are discussed further in Section 4.3.8.

Based upon the current regulatory status, distance, and expected hydrogeologic gradient relative to the Subject Property, it is considered unlikely that conditions associated with the identified Cortese facilities represent an environmental concern to the Subject Property.



#### Spill, Leaks, Investigations, and Cleanup (SLIC)

The Spills, Leaks, Investigations, and Cleanups (SLIC) database, maintained by the California Water Resources Control Board, includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites. The Subject Property was identified on the SLIC database. There were no sites located within 0.5 mile of the Subject Property identified on the SLIC database. Information regarding the Subject Property is presented in the following table:

SLIC			
Site	Distance / Direction / Gradient	ID No.	Regulatory Status
Sparkle Cleaners 7000 Bancroft Ave. Oakland, CA	Subject Property	SLT19735483	Notification Date: 08/16/2007 Contaminants: PCE and other Chlorinated Hydrocarbons Media Impacted: Soil and Groundwater Status: Open – Verification Monitoring Date of Closure: NA

\* Presumed hydrogeologic gradient based upon regional topography

According to information obtained from the GeoTracker Database, beginning in 1989 and continuing through the period between September 1993 and September 1996, groundwater samples collected from three groundwater monitoring wells contained non-detectable concentrations for volatile organic compounds (VOCs), including Tetrachloroethene (PCE), Trichloroethene (TCE), and cis-1,2-dichloroethene (1,2-DCE). Groundwater was encountered at a depth of approximately 37 feet bgs. Two soil borings were advanced in front of the cleaners. Soil samples were collected from depths of approximately 6, 10.5, and 30, or 46 feet below ground surface (bgs) and were analyzed for volatile organic compounds (VOCs). The results of soil sample analysis indicated non-detectable concentrations for VOCs.

A limited subsurface investigation was completed in December 2004, which included advancing two soil boring within the interior of the cleaners near the drycleaner unit and waste storage area located near the rear of the tenant space, and advancing one soil boring adjacent to the tenant space within the interior corridor. Soil and vapor samples were collected from depths ranging from five to 25 feet bgs and analyzed for VOCs. PCE was detected in both soil and soil vapor at the two locations near the unit and waste storage area at concentrations just below the ESL value of 240 micrograms per kilogram (ug/kg) for industrial use properties. The interior corridor sample was non-detect for VOCs.

A limited subsurface investigation, including the collection of soil gas and soil matrix samples, was completed in 2006 as part of a Phase I ESA. Moderate concentrations of PCE were detected in soil gas and soil matrix samples collected from beneath the concrete floor slab. Low concentrations of TCE and cis-1,2-DCE were detected in soil gas samples. Concentrations of PCE in subsurface soils exceeded regulatory clean up criteria.

A Remedial Action Workplan (RAW) was developed for Sparkle Cleaners in 2007 and approved by Alameda County Environmental Health (ACEH) in February 2007. The scope of work in the RAW included the removal of 37 cubic yards of PCE-impacted soil and the installation of four groundwater monitoring wells. Excavation activities in July 2007 were successful in removing the source of PCE in soil. The excavation extended to 5.5 feet bgs and was approximately 180 square feet in area. Groundwater monitoring wells were installed in July 2007 with the baseline sampling event in August 2007. After four consecutive quarters of groundwater monitoring, groundwater sampling was reduced to biannual sampling, as approved by ACEH in a letter dated October 23, 2008. A copy of the Post Remediation Report is included in Appendix G.

DMS was retained in 2009 by Sparkle Cleaners to remove and dispose of the dry cleaning equipment and associated hazardous waste and installed new clothes cleaning equipment that utilizes non-hazardous chemicals.

The most recent groundwater monitoring report, dated December 22, 2014, reported concentrations of VOCs generally similar to those reported in previous monitoring events. Groundwater concentrations of VOCs collected since the removal of the vadose zone source indicate VOCs attenuate with distance from the drycleaner and for the most part have remained stable. Concentrations reported in the most recent groundwater monitoring report ranged from non-detect to 130 micrograms per liter (ug/L) in the downgradient well. Groundwater monitoring activities are ongoing. A copy of the most recent monitoring report is included in Appendix G.

Based on the monitoring results, a plume of PCE impacted groundwater exists beneath the dry cleaner and adjacent Bank of America building. Based on the data, the lateral extent of contamination downgradient of the most downgradient well MW-2 has not been defined. In addition, no vertical assessment of groundwater impacts has been performed and no assessment has been performed to evaluate whether the PCE impacted groundwater is a vapor intrusion concern at the site. Because the site conceptual model is incomplete, Alameda County has indicated that the possibility of future groundwater remediation cannot be ruled out.

#### Voluntary Cleanup Program (VCP) Properties

The Voluntary Cleanup Program (VCP) Properties database identifies low threat level properties with either confirmed or unconfirmed releases, for which the project proponents have requested that Department of Toxic Substances Control (DTSC) oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the VCP database.

#### Regional Water Quality Control Board (RWQCB) – Leaking Underground Storage Tanks (LUST)

The Regional Water Quality Control Board (RWQCB) maintains a database of reported Leaking Underground Storage Tank (LUST) Sites. The Subject Property, listed twice, and 12 sites located within 0.5 mile of the Subject Property were identified on the RWQCB – LUST database. Two of the eleven LUST listings are duplicate listings, therefore there are ten sites within 0.5 miles of the Subject Property. Of the listed sites, two sites are located greater than 0.25 mile from the Subject Property. Based upon the distance, these two sites are considered unlikely to represent an existing release, past release, or material threat of release of hazardous substances or petroleum products on the Subject Property. Five of the remaining eight LUST sites located within 0.25 mile of the Subject Property have been granted closure by the Bay Area RWQCB. Based upon the regulatory status, these five sites are considered unlikely to represent an environmental concern to the Subject Property. Information regarding the Subject Property and active LUST sites located within 0.25 mile of the Subject Property is presented in the following table:

RWQCB – LUST			
Site	Distance / Direction / Gradient	ID No.	Regulatory Status
BP Oil Co Facility Site No 11117 7210 Bancroft Ave. Oakland, CA	Subject Property	01-0215	Notification Date: 01/05/1992 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Remediation, 03/26/2012 Date of Closure: NA

RWQCB – LUST			
Site	Distance / Direction / Gradient	ID No.	Regulatory Status
Eastmont Auto Goodyear 7250 Bancroft Ave. Oakland, CA	Subject Property	01-2415	Notification Date: 09/24/1993 Contaminants: Not reported Media Impacted: Soil Status: <u>Case Closed</u> Date of Closure: 1998
Chevron USA Inc. Service Station #93322 7225 Bancroft Ave. Oakland, CA	Adjacent / Southwest / Downgradient	01-2263	Notification Date: 11/07/1997 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Assessment and Interim Remedial Action Date of Closure: NA
Beacon 6600 Foothill Blvd. Oakland, CA	0.212 miles / Southwest / Downgradient	01-2481	Notification Date: 12/16/1998 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Eligible for Closure Date of Closure: NA
Stop n Go Market 7701 Bancroft Ave. Oakland, CA	0.211 miles / Southeast / Crossgradient	T10000004796	Notification Date: 11/13/2012 Contaminants: Gasoline Media Impacted: Soil and Groundwater Status: Open – Site Assessment Date of Closure: NA

\* Presumed hydrogeologic gradient based upon regional topography

Eastmont Auto and the former Tosco/BP station are discussed further in Section 4.3.8.

Based upon the current regulatory status, distance, and expected hydrogeologic gradient relative to the Subject Property, it is considered unlikely that conditions associated with the identified LUST sites represent an environmental concern to the Subject Property.

#### State AST / UST Databases

The California Environmental Protection Agency, the California Water Resources Control Board and other entities previously and/or currently maintained various lists recording permitted aboveground and underground storage tank (UST) facilities and include the Facility Inventory Database (FID UST), Hazardous Substance Storage Container Database (HIST UST), and Statewide Environmental Evaluation and Planning System (SWEEPS). The Subject Property and one adjoining property were identified on the UST databases.

UST			
Site	ID No.	Distance / Direction / Gradient*	Regulatory Status
BP Oil Co Facility Site No. 11117 7210 Bancroft Ave. Oakland, CA	FA0321554	Subject Property	(1) 12,000-gallon UST / Gasoline 1984 (1) 10,000-gallon UST / Gasoline 1984 (2) 6,000-gallon USTs / Gasoline 1984 Removed 1998 (3) 12,000-gallon USTs / Gasoline 1998 (1) 10,000-gallon UST / Diesel 1998 Removed 2014

UST			
Site	ID No.	Distance / Direction / Gradient*	Regulatory Status
Chevron USA Inc. Service Station #93322 7225 Bancroft Avenue Oakland, California	FA0321146	Adjacent / Southwest / Downgradient	(3) 10,000-gallon USTs / Gasoline Active

\* Presumed hydrogeologic gradient

The former Tosco/BP station is further discussed in Section 4.3.8.

Based upon the absence of USTs, current regulatory status, and expected hydrogeologic gradient relative to the Subject Property, it is considered unlikely that conditions associated with the identified LUST sites represent an environmental concern to the Subject Property.

#### Solid Waste Information System (SWIS)

Solid Waste Information System (SWIS) records typically contain an inventory of solid waste facilities or landfills identified by the Integrated Waste Management Board. 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. Neither the Subject Property nor sites located within 0.5 mile of the Subject Property were identified on the SWIS database.

#### Waste Management Unit Database / Solid Waste Assessment Test (WMUDS/SWAT)

The Waste Management Unit Database (WMUDS) is used by the California Water Resources Control Board 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. The Subject Property was not identified on the WMUDS/SWAT database. However, one site located within 0.5 mile of the Subject Property was identified on the WMUDS/SWAT database. Neither the Subject Property nor sites located within 0.5 mile of the Subject Property were identified on the SWIS database.

#### California Hazardous Material Incident Report System (CHMIRS)

The California Hazardous Material Incident Report System (CHMIRS) contains information regarding reported hazardous material incidents (i.e. accidental releases or spills). The data source is the California Office of Emergency Services. The Subject Property was not identified on the CHMIRS database.

#### Hazardous Waste Information System (HAZNET)

The California Environmental Protection Agency maintains a list of facilities that issue hazardous waste manifests. The source of the manifest records is the California Department of Toxic Substance Control (DTSC). Inclusion on the HAZNET database does not necessarily indicate the existence of an environmental concern, such as a release or spill incident. The Subject Property was identified on the CA HAZNET databases as follows:

HAZNET			
Site	ID No.	Distance / Direction / Gradient	Regulatory Status
AutoZone #3371 7200 Bancroft Ave. Oakland, CA	CAL000287107	Subject Property	AutoZone listed more than 20 times in association with the recycling of used oil from free drop-off recycling program
Eastmont Town Center 7200 Bancroft Ave. Oakland, CA	CAC002715586 CAC002611477 CAC002569351 CAC002576414 CAC002592409 CAC001238360	Subject Property	Not reported Asbestos containing materials Asbestos containing materials PCBs Asbestos containing materials Asbestos containing materials
Thrifty #6796 7100 Bancroft Ave. Oakland, CA	CAL000127882	Subject Property	Polychlorinated biphenyls and material containing PCBs
Sparkle Klean Cleaners / Sparkle Cleaners 7000 Bancroft Ave. Oakland, CA	CAL000048547	Subject Property	Halogenated solvents – chloroforms, methyl chloride, perchloroethylene
Eastmont Oakland Associates LLC 7200 Bancroft Ave. Oakland, CA	CAC002628856	Subject Property	Asbestos containing materials
Abdo Algazzali 7000 Bancroft Ave. Oakland, CA	CAC0025645516	Subject Property	Other organic solids
CVS Pharmacy #8431 7200 Bancroft Ave. Oakland, CA	CAR000233940 CAL000374440	Subject Property	Not reported

The Subject Property is listed multiple times on the CA HAZNET database. Based upon the nature of this database (disposal of hazardous waste under proper manifest), the HAZNET database listings for the Subject Property are not considered to represent an existing release, past release, or material threat of release of hazardous substances or petroleum products on the Subject Property.

Sparkle Cleaners is further discussed in the SLIC section above and below in Section 4.3.8.

#### Site Mitigation and Brownfields Reuse Program (SMBRP) Facility Sites with Deed Restrictions & Hazardous Waste Management Program (HWMP) Facility Sites with Deed / Land Use Restriction (ENVIROSTOR)

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under SMBRP's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. This list represents deed restrictions that are currently 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 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 property owners. The HWMP and SMBRP have been combined into the ENVIROSTOR database. The Subject Property was not identified on the ENVIROSTOR database.

However one site located within 0.5 mile of the Subject Property was identified on ENVIROSTOR. Information regarding the listed site is presented in the following table:

ENVIROSTOR			
Site	Distance / Direction / Gradient	ID No.	Regulatory Status
Ace Hardware School Site 6733 Foothill Blvd. Oakland, CA	0.105 miles / North- Northwest / Downgradient	1520005	Notification Date: 08/22/2002 Contaminants: Not reported Media Impacted: Not reported Status: Inactive – Needs Evaluation Date of Closure: NA

\* Presumed hydrogeologic gradient based upon regional topography

Based upon the distance and expected hydrogeologic gradient relative to the Subject Property, it is considered unlikely that conditions associated with the identified EnviroStor site represent an environmental concern to the Subject Property.

#### Tribal Environmental Databases

The United States Bureau of Indian Affairs (BIA) is responsible for the administration and management of 55.7 million acres of land held in trust by the United States for American Indians, Indian tribes, and Alaska Natives. There are 562 federally recognized tribal governments in the United States. The environmental database report identifies tribal administered lands of the United States that have any area equal to or greater than 640 acres. No tribal administered lands were identified within 1.0 mile of the Subject Property.

#### California Emissions Inventory Data (EMI)

The California Air Resources Board (ARB) maintains data associated with toxics and criteria pollutant emissions collected by ARB and local air pollution agencies. The Subject Property identified as Sparkle Cleaners and City of Oakland, Environmental Services Division are listed on the EMI database. Sparkle Cleaners is listed in 1995 through 2000 and in 2003 through 2009. City of Oakland, Environmental Services Division is listed in 2004 through 2012. Based upon the absence of reported violations associated with the City of Oakland Environmental Services Division, it is considered unlikely that conditions associated with the identified EMI facility represents an environmental concern to the Subject Property. Further discussion of Sparkle Cleaners is presented below.

#### California Dry Cleaners

The California Department of Toxic Substance Control (DTSC) maintains a list of dry cleaner 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 laundry and cleaning; dry cleaning plants, except rugs; carpet and upholstery cleaning; industrial launderers; and laundry and garment services. The Subject Property, identified as Sparkle Cleaners is listed on the CA Dry Cleaner database. Sparkle Cleaners, has operated at the Subject Property since approximately 1970 and is discussed in the SLIC section above and below in Section 4.3.8.

#### Historical Auto Stations / Dry Cleaners

EDR duplicates a list of historical auto stations and dry cleaner related facilities that have EPA Identification Numbers issued for the generation of regulated waste. Inclusion on this list does not indicate that a release has occurred or that contamination has been identified. The Subject Property was not identified on the historical auto stations database. However, the Subject Property, identified as Sparkle Cleaners was listed in 2003, 2004, 2006, 2010, 2011, and 2012.

#### 4.1.3 Local Regulatory Agency Records

Local municipal offices consulted during the completion of this assessment included the following: City of Oakland Planning, Building and Neighborhood Preservation Department. EBI did not identify documented adverse environmental conditions, violations, or complaints associated with the Subject Property. EBI did not identify records of spills or releases of hazardous substances or petroleum

##### City of Oakland Planning, Building and Neighborhood Preservation Department

EBI reviewed available files regarding the Subject Property at the City of Oakland Planning, Building and Neighborhood Preservation Department for information regarding past uses of the Subject Property. The original building permits and certificates of occupancy for the existing structures were not readily available for review. Building permits for general tenant improvements were additionally on file for the Subject Property. The review of Building Department records did not identify past uses of the Subject Property that would constitute a recognized environmental condition.

## 4.2 PHYSICAL SETTING

### 4.2.1 Topography

The Subject Property is located at an elevation of approximately 60 feet above mean sea level (msl). The topography of the Subject Property is relatively flat and slopes slightly to the south. The Subject Property is located at the base of foothills and the surrounding area exhibits a gentle slope to the south, southwest (see Figure 2 - Locus Map, which depicts the location of the Subject Property on the Oakland East, California USGS 7.5 Minute Topographic Quadrangle).

### 4.2.2 Geology and Soils

No bedrock outcroppings were observed at the Subject Property. Information concerning the geology of the Subject Property was obtained from the USGS Ground Water Atlas of the United States, California region (1995). The Subject Property is located within the Pacific Border physiographic province, which is characterized by steep rolling hills and mountains and consists of severely folded, faulted, commonly metamorphosed marine and continental sediments.

Near-surface geology in heavily developed areas such as the Subject Property and vicinity is considered "urban land" and is characterized by a non-homogeneous distribution of soil and fill types. Excavation and backfilling for building foundations, utility conduits, subway systems and other construction results in a varied subsurface profile. In this setting, estimation of local subsurface parameters such as permeability, moisture content, and organic fraction is not feasible without site-specific testing data.

### 4.2.3 Hydrogeology and Hydrology

No natural surface water bodies were identified on or adjacent to the Subject Property. The nearest downgradient surface water body is the Arroyo Viejo, located approximately 1,300 feet south of the Subject Property. The San Leandro Bay is located approximately one-mile west-southwest of the Subject Property.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the south, southwest. Groundwater depths and flow gradients are best evaluated by a subsurface investigation involving the installation of at least three groundwater monitoring wells and precise measurements of hydrostatic pressure. Monitoring wells were observed on the Subject Property in the vicinity of Sparkle Cleaners.

### 4.3 HISTORICAL USE OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES

EBI attempted to determine the history of the Subject Property dating back to 1940 or first developed use. The following table summarizes the historical use of the Subject Property and surrounding area.

HISTORICAL USE SUMMARY			
Period	Historical Uses		Source(s)
	Subject Property	Surrounding Area	
<b>At least 1897 to 1912</b>	Undeveloped land	Undeveloped land with some residential development	Fire Insurance Maps Topographic Maps
<b>1912 to 1966</b>	A part of Chevrolet Motor Company assembly facility	Chevrolet Motor Company assembly facility	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories
<b>1966 to Present</b>	Retail/Commercial – including a drycleaner, auto repair facility, and gas station	Retail/commercial shopping mall and office space	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories

The Subject Property was associated with the Chevrolet Motor Company assembly facility and included railroads spurs, a salvage building, print pump building, test shed, auto storage yard and a portion of the chassis assembly-building / frame assembling department, and a loading shed until approximately 1966. From 1966 to the present, the Subject Property has been developed with the current retail building. A drycleaner has operated at the Subject Property since at least 1970 and operated solvent-based equipment until approximately 2009. A gas station operated at the Subject Property from at least 1970 to 2014. Additional information regarding the history and remediation activities at the Subject Property are further discussed in Section 4.3.8.

#### 4.3.1 Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. A search for historical aerial photographs depicting the Subject Property and vicinity was conducted by Environmental Data Resources, Inc. (EDR). It should be noted that the scale of the available aerial photographs precludes the distinct identification of structures and/or land uses on or in the vicinity of the Subject Property. Aerial photographs depicting the Subject Property were reviewed and are summarized in the following table. Copies of the aerial photographs are presented in Appendix F.

AERIAL PHOTOGRAPH SUMMARY		
Year	Issues Noted	Observations
1939	No	<b>Subject Property:</b> The Subject Property appears to consist of railroad spurs and buildings associated with the Chevrolet Motor Company of California facility.
		<b>Surrounding Area:</b> Surrounding properties to the northwest, northeast, and southeast appear to be associated with the Chevrolet Motor Company of California facility and to the southwest appears to be a residential neighborhood.
1946 1958	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1939 photograph.
		<b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1939 photograph.
1968	No	<b>Subject Property:</b> The Subject Property appears to be developed with the existing retail building, associated parking and a gas station near the south corner.



AERIAL PHOTOGRAPH SUMMARY		
Year	Issues Noted	Observations
		<b>Surrounding Area:</b> The surrounding property to the northeast appears to be vacant bare land; to the northwest appears to be Church Street, across which appears to be a gas station, school buildings and residential dwellings; to the southeast appears to be 73 <sup>rd</sup> Avenue, across which appears to be a residential neighborhood; to the southwest is Bancroft Avenue, across which appears to be a gas station and residential neighborhood; and, to the south is the intersection of Bancroft Avenue and 73 <sup>rd</sup> Avenue, across which appears to be residential dwellings.
1974	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1968 photograph. <b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1968 photograph, with the addition of the mall / office building to the northeast and the multi-story building to the northwest.
1982	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1974 photograph, with the exception of the west corner which appears to be depicted with the two existing outbuildings. <b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1974 photograph.
1993	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1982 photograph, with the addition of an outbuilding on the southwest side of the Subject Property. <b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1982 photograph.
1998	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1993 photograph, with the addition of an outbuilding on the southwest side of the Subject Property. <b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1993 photograph.
2005 2006 2009 2010 2012	No	<b>Subject Property:</b> Conditions on the Subject Property are depicted as they exist at the present day, with Eastmont Town Center retail building and four outbuildings; a gas station is depicted on the south corner of the Subject Property. <b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1993 photograph.

#### 4.3.2 Fire Insurance Maps

A search for historical fire insurance maps depicting the Subject Property and vicinity was conducted by EDR Sanborn Maps, Inc. Historical fire insurance maps depicting the Subject Property were reviewed and are summarized in the following table. Copies of the fire insurance maps are presented in Appendix F.

FIRE INSURANCE MAP SUMMARY		
Year	Issues Noted	Observations
1912	No	<b>Subject Property:</b> The Subject Property is not depicted on the 1912 map. <b>Surrounding Properties:</b> The surrounding properties were not depicted on the 1912 map.
1925	No	<b>Subject Property:</b> The Subject Property is occupied by railroad spurs, a wood working shop, auto storage lot, and a portion of a parts department building, all associated with the Chevrolet Motor Company.

FIRE INSURANCE MAP SUMMARY		
Year	Issues Noted	Observations
		<b>Surrounding Properties:</b> Features depicted on surrounding properties appear to be residential and the Chevrolet Motor Company of California. The surrounding properties to the north and northeast are not depicted on the map.
1950 1952 1959 1960	No	<b>Subject Property:</b> The Subject Property is occupied by railroad spurs, a salvage building, print pump building, test shed, auto storage yard and a portion of the chassis assembly-building, frame assembling department and a loading shed. <b>Surrounding Properties:</b> Conditions on the surrounding properties are similar to those as depicted on the 1925.
1966	No	<b>Subject Property:</b> The Chevrolet plant has been demolished. The Subject Property is depicted with a rectangular-shaped commercial building at the location of the existing dd's Discount and CVS, and a parking lot. <b>Surrounding Properties:</b> Features depicted on the surrounding properties appear to be residential. The Chevrolet plant has been demolished. The surrounding properties to the north and northeast are not depicted on the map.
1968 1969	No	<b>Subject Property:</b> The Subject Property is depicted with the existing retail building and a gas station near the south corner. <b>Surrounding Properties:</b> Conditions on the surrounding properties are similar to those as depicted on the 1966.

#### 4.3.3 Topographic Maps

Historical topographic maps provide information related to physical land configuration such as elevation, ground slope, surface water and other features. While most buildings in densely developed urban centers are not depicted, topographic maps typically show structures equal to or larger than the size of a single-family residence in rural areas. Other notable features such as woods, pipelines, municipal boundaries, and areas of filled land are often marked on topographic maps.

A search for historical topographic maps depicting the Subject Property and vicinity was conducted by Environmental Data Resources, Inc. (EDR). Historical topographic maps depicting the Subject Property were reviewed and are summarized in the following table. Copies of the topographic maps are presented in Appendix F.

TOPOGRAPHIC MAP SUMMARY		
Year	Issues Noted	Observations
1897	No	<b>Subject Property:</b> No structures or other notable features are depicted on the Subject Property. <b>Surrounding Properties:</b> No structures or other notable features are depicted on the surrounding properties.
1915	No	<b>Subject Property:</b> The Subject Property appears to be depicted with several streets; no structures are depicted. <b>Surrounding Properties:</b> The surrounding properties appear to be depicted with several streets; no structures are depicted.
1948 1949 1959	No	<b>Subject Property:</b> The Subject Property appears to be depicted with structures associated with Chevrolet Motor Company of California. <b>Surrounding Properties:</b> With the exception of the Chevrolet Motor Company buildings, the surrounding properties are shaded to represent urban development; no distinct structures or other notable features are depicted.
1968	No	<b>Subject Property:</b> The Subject Property appears to be depicted with the existing

TOPOGRAPHIC MAP SUMMARY		
Year	Issues Noted	Observations
		rectangular-shaped retail/commercial building. <b>Surrounding Properties:</b> The surrounding property to the northeast appears to be depicted as vacant land; the remaining properties are shaded to represent urban development; no distinct structures or other notable features are depicted.
1973	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1968 map. <b>Surrounding Properties:</b> The surrounding property to the northeast appears to be depicted with the existing mall building; the remaining properties are shaded to represent urban development; no distinct structures or other notable features are depicted.
1980	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1968 map, with the exception of a small square-shaped structure near the south corner, presumed to be the former gas station. <b>Surrounding Properties:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1973 map.
1997	No	<b>Subject Property:</b> The Subject Property is shaded to represent urban development; no distinct structures or other notable features are depicted. <b>Surrounding Properties:</b> The surrounding properties are shaded to represent urban development; no distinct structures or other notable features are depicted.

#### 4.3.4 Street Directories

Street directories are commercial publications containing names and addresses, and in many cases, occupations of the occupants of a particular community. The directories may also contain information pertaining to business processes conducted within a community. A search for historical street directories was conducted by Environmental Data Resources, Inc. (EDR). Historical street directories were reviewed and are summarized in the following table. Copies of the street directories are presented in Appendix F.

STREET DIRECTORY SUMMARY		
Year	Issues Noted	Occupants
1967	No	The Subject Property is listed as: Not listed (6900 Bancroft Avenue) Safeway Store (7100 and 7200 Bancroft Avenue)
1970	Yes	The Subject Property is listed as: Eastmont Mall Shopping Center, Bank of America, and Taco Bell (6900 Bancroft Avenue) Safeway Stores, Inc., Minnie Pearl's Chicken, Social Security Administration, United States Government, Sparkle Cleaners, Medicare Information (7000 Bancroft Avenue) Safeway Drug Center (7100 and 7200 Bancroft Avenue)
1975	No	The Subject Property is listed as: Eastmont Mall Shopping Center and Firestone Tires (6900 Bancroft Avenue) Hartfields (7000 Bancroft Avenue) Pharmacy Department (7100 Bancroft Avenue) Not listed (7200 Bancroft Avenue)
1980	Yes	The Subject Property is listed as: Eastmont Mall Branch, Broadway 21 <sup>st</sup> , Sparkle Cleaners, and Taco Bell (6900 Bancroft Avenue) Hartfields and Thomas Shoe Repair (7000 Bancroft Avenue) Oakland Prescription Department (7100 Bancroft Avenue)

STREET DIRECTORY SUMMARY		
Year	Issues Noted	Occupants
		Not listed (7200 Bancroft Avenue)
1986	Yes	The Subject Property is listed as: Eastmont Mall Convenience Banking and Taco Bell (6900 Bancroft Avenue) Louisiana Fried Chicken, Mall Cleaners, The IGA Mall Food Center, Payless Shoe Store, and Thomas Shoe Repair (7000 Bancroft Avenue) Pay N Save Drugs (7100 Bancroft Avenue) Not listed (7200 Bancroft Avenue) Kim's Mobil Station (7210 Bancroft Avenue)
1991	Yes	The Subject Property is listed as: Eastmont Mall Branch and Taco Bell (6900 Bancroft Avenue) Copes of Oakland T-Shirts and More, <u>New Fashion Cleaners</u> , Petrie Plus, Sinjil Trading Company, Inc., Thomas Shoe Repair, and Tough Photos (7000 Bancroft Avenue) Thrifty Drug Store (7100 Bancroft Avenue) Several retail/commercial tenants (7200 Bancroft Avenue) Kim's Mobil Station (7210 Bancroft Avenue)
1992	Yes	The Subject Property is listed as: SM Closeout, Taco Bell, H&R Block (6900 Bancroft Avenue) ABC Market, Career College of Business, Clem Danial's Liquors, Eastmont Mall Security Office, and <u>Sparkle Cleaners</u> (7000 Bancroft Avenue) Several retail/commercial tenants (7200 Bancroft Avenue) Kim's BP (7210 Bancroft Avenue)
1996	Yes	The Subject Property is listed as: Golden Age Showcase, Four Brothers, and Value Plus (6900 Bancroft Avenue) Eastmont Mall Security Office, Subway Sandwiches, and <u>Sparkle Cleaners</u> (7000 Bancroft Avenue) Several retail/commercial tenants (7200 Bancroft Avenue)
2000	Yes	The Subject Property is listed as: Golden Age Showcase, Taco Bell, Four Brothers, and Value Plus (6900 Bancroft Avenue) Rainbow Shops, Eastmont Security Office, Lee's Donuts, and <u>Sparkle Cleaners</u> (7000 Bancroft Avenue) Several retail/commercial tenants (7200 Bancroft Avenue)
2006	Yes	The Subject Property is listed as: Four Brothers, Taco Bell, and Value Plus (6900 Bancroft Avenue) <u>Sparkle Cleaners</u> , Gazzali's Supermarket, Lee's Donuts, and Rainbow Shops (7000 Bancroft Avenue) Several retail/commercial tenants (7200 Bancroft Avenue)
2008	No	The Subject Property is listed as: Bank of America, Value Plus, and Taco Bell (6900 Bancroft Avenue) Gazzali's Supermarket and Lee's Donuts 12 (7000 Bancroft Avenue) Several retail/commercial tenants (7200 Bancroft Avenue)
2013	Yes	The Subject Property is listed as: Taco Bell (6900 Bancroft Avenue) Gazzali's Supermarket, Rainbow, <u>Sparkle Cleaners</u> , Subway Sandwiches, Superior Locksmith (7000 Bancroft Avenue) Several retail/commercial tenants (7200 Bancroft Avenue)

#### 4.3.5 Recorded Land Title Records

Land title records provide information on previous ownership of a property. Typically, deeds signifying transfer of a land parcel are recorded in county files and can be researched to determine the identity of

past owners. A “chain of title” is a continuous record of ownership for a specific parcel. A 50-year chain of title search was not included in the scope of work for this assessment.

#### 4.3.6 Property Tax Records

Alameda County Assessor’s Office does not provide property owner names online. No information was identified online with the exception of parcel numbers. A listing of the former Subject Property owners was not available for review.

#### 4.3.7 Environmental Liens and Activity and Use Limitations

A search for Environmental Liens and Activity and Use Limitations was not included in the scope of this assessment.

#### 4.3.8 Previous Environmental Reports

EBI was not provided with or made aware of previous environmental assessments or other documentation regarding environmental investigations performed for the Subject Property. EBI did not identify previous environmental reports for the Subject Property at local agencies or other sources contacted during this assessment.

**Phase I Environmental Site Assessment, Eastmont Town Center, 7000 and 7200 Bancroft Avenue, Oakland, California, prepared by PES Environmental, Inc. (PES) of Novato, California, dated October 16, 2014**

The PES Report was completed in general conformance with ASTM Standard E 1527-13. The scope of the PES Report investigation included visual reconnaissance of the Subject Property, interviews with knowledgeable persons associated with the Subject Property, review of available regulatory information contained within federal and state environmental databases and other local environmental records, review of the physical characteristics and history of the Subject Property, and a limited visual survey for the presence of asbestos-containing materials (ACM), a limited lead-based paint (LBP) survey, lead in drinking water sampling, and indoor radon gas testing. The following information was presented in the PES Report:

- The PES Report included the entire Eastmont Town Center complex, retail and office space. At the time of the PES Report, the retail portion of the Subject Property included a single-story retail building and three pad structures on ground leases. PES indicated the retail building was constructed between 1965 and 1968. Construction dates for the three pad structures were not reported.
- At the time of assessment, a drycleaner, a bank, a supermarket, a pharmacy, and retail shops occupied the existing retail structure. No industrial or manufacturing operations were observed at the Subject Property at the time of assessment.
- Based upon review of historical resources dating back to 1912 (aerial photographs, fire insurance maps, USGS topographical maps, city directories, municipal records, and property deeds), PES reported that the Subject Property was Chevrolet Motor Company facility. Between 1965 and 1968 the Chevrolet facility was demolished and the existing southern portion of the retail building was constructed in 1966.

- Former Eastmont Automotive

A 550-gallon waste oil UST was removed from the former Eastmont Automotive tenant space in October 1995. CVS currently occupies the former Eastmont Automotive tenant space. Detection of petroleum hydrocarbons quantified as diesel (TPHd) and total oil and grease (TOG) were identified in confirmation soil samples collected from the bottom of the excavation, 8 feet below ground surface (bgs). The soil confirmation samples were non-detect for TPH in the gasoline range (TPHg) and benzene, toluene, ethylbenzene, and total xylenes (BTEX).

The tank pit was over excavated and additional soil confirmation samples were collected at 10 feet bgs. TOG and TPH quantified as motor oil (TPHmo) were detected at concentrations of 1,500 milligrams per kilogram (mg/kg) and 610 mg/kg, respectively. Utility lines prevented further excavation of the tank pit.

AEC conducted a limited subsurface investigation in April of 1996, including the advancement of three soil borings to 40 feet bgs and located approximately 2 to 4 feet from the former waste oil UST excavation. Two soil samples per boring were collected, at depths of approximately 15 feet bgs and between 25 feet and 35 feet bgs. A grab groundwater sample was also collected from each boring. The soil samples were non-detect for TPHg and TPHmo. One grab groundwater sample had detected concentrations of TPHmo. Alameda County Environmental Health (ACEH) indicated since TPHg, TPHd, BTEX, benzo(a)pyrene, or naphthalene were not detected in groundwater monitoring well MW-9, located approximately 200 feet in the downgradient direction, the TPH detected in the boring appeared to be limited in extent and did not warrant further monitoring. ACEH issued case closure in 1998 for the former UST (Case No. R0000788), but indicated a health and safe plan be prepared for construction workers if any future subsurface work is completed due to the remaining petroleum hydrocarbons beneath the utility lines.

EBI conducted a limited subsurface investigation in 2004 and included the advancement of four soil borings adjacent to the former Eastmont Automotive tenant space. Five soil samples were collected from depths ranging from 10 to 16 feet bgs. Collected soil samples were analyzed for TPHg, TPHd, and PCBs. Soil samples were non-detect for TPHg, TPHd, and PCBs.

In April 2009, seven pneumatic automotive lifts inside the former Eastmont Automotive were removed. No stains or odors indicating a release were identified from soil samples collected by hand. Each lift location was then backfilled with a sand-cement slurry.

A two-chamber oil/water separator (OWS) was cleaned and closed in-place near the southeast exterior of the former Eastmont Automotive. Two soil boring were advanced in the vicinity of the OWS to a depth of approximately 8 feet bgs. Low concentrations of petroleum hydrocarbons were detected in soil samples, however were less than commercial/industrial Environmental Screening Levels (ESLs), established by the San Francisco Bay Regional Water Quality Control Board (RWQCB). The OWS was backfilled with a sand-cement slurry.

- Sparkle Cleaners

In 1989 and the period between September 1993 and September 1996, groundwater samples collected from three groundwater monitoring wells were non-detect for PCE, TCE, 1,2-DCE. Groundwater was encountered at a depth of approximately 37 feet bgs. Two soil borings were advanced in front of the cleaners. Soil samples were collected from depths of approximately 6, 10.5, and 31, or 46 feet below ground surface (bgs) and analyzed for volatile organic compounds (VOCs).

The soil samples did not identify VOCs above method detection limits.

EBI conducted a limited subsurface investigation in December 2004, which included advancing two soil borings within the interior of the cleaners near the drycleaner unit (DCU) and waste storage area located near the rear of the tenant space, and advancing one soil boring adjacent to the tenant space within the interior corridor. Soil and vapor samples were collected from depths ranging from five to 25 feet bgs and analyzed for VOCs. PCE was detected in soil and vapor at the two locations near the DCU and waste storage area at concentrations just below the ESL value of 240 micrograms per kilogram (ug/kg) for industrial use properties. The interior corridor sample was non-detect for VOCs.

PES conducted a limited subsurface investigation including the collection of soil gas and soil matrix samples in 2006 as part of a Phase I ESA. Moderate concentrations of PCE were detected in soil gas and soil matrix samples collected from beneath the concrete floor slab. Low concentrations of TCE and cis-1,2-DCE were detected in soil gas samples. Concentrations of PCE in subsurface soils exceeded regulatory clean up criteria.

PES developed a Remedial Action Workplan (RAW) for the Sparkle Cleaners in 2007 and it was approved by ACEH in February 2007. The scope of work in the RAW included the removal of the PCE source in soil and the installation of four groundwater monitoring wells. Excavation activities in July 2007 were successful in removing the source of PCE in soil. Approximately 37 cubic yards of PCE-impacted soil was removed. Groundwater monitoring wells were installed in July 2007 with the baseline sampling event in August 2007. After four consecutive quarters of groundwater monitoring, PES recommended sampling be reduced to biannual sampling, which ACEH approved in a letter dated October 23, 2008.

PES observed the decommissioning and removal of the dry-cleaning equipment by Discount Machinery Service (DMS) in 2009. DMS was retained by Sparkle Cleaners and removed and disposed of associated hazardous waste and installed new clothes cleaning equipment that utilizes non-hazardous chemicals.

The most recent groundwater monitoring report, dated December 22, 2014, reported concentrations that were generally similar to those reported in previous monitoring events. Groundwater concentrations of VOCs collected since the removal of the vadose zone source indicate VOCs attenuate with distance from the drycleaner and for the most part have remained fairly stable. Concentrations reported in the most recent groundwater monitoring report ranged from non-detect to 130 micrograms per liter (ug/L) at downgradient monitoring well MW-1.

- Former TOSCO/BP Station

Concentrations of TPH and benzene were detected in groundwater samples collected from a groundwater monitoring well installed in 1989.

A subsurface investigation was initiated at the former BP station in 1991, and included the installation of groundwater monitoring wells. Quarterly groundwater monitoring of the three on-site groundwater monitoring wells has been conducted since 1992. Elevated concentrations of TPHg and Benzene have historically been identified in the three groundwater monitoring wells. Remedial activities at the site included the operation of a dual-phase soil and groundwater extraction system.

Antea Group determined that the former UST tank pit, located near the southeast portion at the fuel dispensers, was an area of concern. The former UST tank pit is not located where the most recent USTs were located. Antea prepared a Soils Management Plan (SMP) with an associated conceptual site model for the former TOSCO/BP Station. The SMP proposed that residual petroleum impacts in deep soils be excavated using a large-diameter auger followed by backfilling with a controlled density fill.

At the time of the PES site reconnaissance, the former TOSCO/BP station building was being demolished and the USTs removed by Atlas. According to Atlas, one 10,000-gallon UST, three 12,000-gallon USTs, fuel dispensers, and associated product lines were removed from the site under supervision of the Oakland Fire Department. Confirmation soil samples collected from the bottom of the tank pit excavation and beneath product lines had detected concentrations of TPHg, TPHd, and methyl tert-butyl ether (MTBE) consistent with previous subsurface assessments. Atlas submitted a tank closure report to ACEH, however ACEH has not completed their review of the report.

Based upon the findings of the Phase I Environmental Site Assessment, PES identified the following recognized environmental conditions (RECs) associated with the Subject Property and offered the following recommendation(s):

- Concentrations of PCE in groundwater are above regulatory limits in the vicinity of Sparkle Cleaners.
- Concentration of petroleum hydrocarbons are present in soil and groundwater in the vicinity of the former gas station located near the south corner of the Subject Property. The USTs, dispensers, and product lines have been removed. The facility is actively being investigated and remediated under ACEH oversight. A Workplan for Contamination Delineation was prepared by Antea and submitted to ACEH in December 2014. This workplan will determine the extent of impact prior to implementing the large-diameter auger excavation of deep soils.

PES also identified the following CREC in connection with the Subject Property:

- A waste oil UST associated with the former Eastmont Automotive was removed in 1995 and received closure in 1998. Soils impacted with TPHg and TPHmo remain in the vicinity of the former waste oil UST. However the remaining impacted soil is covered by asphalt-paved parking lot.
- PES identified elevated concentrations of PCE in soil, vapor, and groundwater in the vicinity of Sparkle Cleaners, associated with dry cleaning activities and a release of dry cleaning solvents. The PCE source was removed from soil, however concentrations in groundwater are above regulatory limits.

PES identified the following *conditions outside the scope of ASTM Practice E 1527-13* in connection with the Subject Property:

- Based on the pre-1970s construction date of the retail building and previously identified ACM, an ACM survey should be performed prior to any significant tenant improvement or demolition.

#### 4.3.9 Other Historical Records and Interviews

Ms. Beena Standig, General Manager, was interviewed to obtain information regarding history of the Subject Property. Ms. Standig reported that she has been familiar with the Subject Property for



approximately four years and that the existing building was constructed in the late 1960s or early 1970s. She was not aware of the use or occupants prior to 2011. Ms. Standig stated she was not aware of any current USTs located on the Subject Property.

Mr. Colin Jones, Chief Engineer, was interviewed to obtain information regarding history of the Subject Property. Mr. Jones reported he has been familiar with the Subject Property for a year and a half. He stated he was not aware of any current USTs at the Subject Property and did not have any historical knowledge of the Subject Property.

## 5.0 SUBJECT PROPERTY RECONNAISSANCE

The Subject Property reconnaissance was conducted by Ms. Amy C. Zach, EBI Field Assessor, on August 13, 2015. Ms. Zach was accompanied by and interviewed Mr. Colin Jones, Chief Engineer at the Subject Property..

### 5.1 METHODOLOGY AND LIMITING CONDITIONS

The Subject Property reconnaissance consisted of visual and/or physical observations of the Subject Property and improvements, adjoining properties as viewed from the Subject Property boundaries, and the surrounding area based on visual observations made from adjacent public thoroughfares. Building exteriors were observed along the perimeter from the ground, unless described otherwise. Building interiors were observed as they were made safely accessible, unless described otherwise.

At the time of the survey, the weather was sunny and approximately 75° Fahrenheit. During the survey, representative tenant spaces, mechanical spaces, and/or equipment components were observed. There were no significant portions of the Subject Property that were inaccessible or excluded from this survey.

### 5.2 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

#### 5.2.1 Hazardous Substances and Petroleum Products (Identified Uses)

Notable hazardous substances or petroleum products in connection with identified uses observed at the Subject Property are described below.

HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS			
General Type of Material	Approximate Quantity / Container / Material	Location	Storage Condition
Cleaning Compounds and Janitorial Supplies	Various sized containers, ranging from aerosol cans to five-gallon pails	Janitorial Areas in each tenant space	Good: No leaks or spills

These materials are utilized during routine operations and do not result in the generation of regulated wastes. EBI did not identify evidence of significant leaks, spills, or the improper handling of petroleum or hazardous substances that might impact the environmental condition of the Subject Property.

#### 5.2.2 Hazardous Substances and Petroleum Products (Unidentified Uses)

EBI did not observe evidence of hazardous substance or petroleum products containers at the Subject Property that were not in connection with identified uses.

#### 5.2.3 Unidentified Substances Containers

EBI did not observe evidence of unidentified substances containers at the Subject Property.

### 5.3 WASTE GENERATION, STORAGE, AND DISPOSAL

EBI identified the following waste streams generated at the Subject Property:

WASTE GENERATION, STORAGE, AND DISPOSAL			
Classification	Type of Waste / Generation Process	Type of Storage / Location	Disposal Method / Contractor

<b>WASTE GENERATION, STORAGE, AND DISPOSAL</b>			
<b>Classification</b>	<b>Type of Waste / Generation Process</b>	<b>Type of Storage / Location</b>	<b>Disposal Method / Contractor</b>
<b>Non-regulated Solid Waste</b>	Municipal Solid Waste / Routine Site Operations	8 Solid Waste Dumpsters / Throughout the Subject Property	Off-site disposal / Waste Management
	Cardboard Recyclables / Routine Site Operations	1 Hydraulic Compactor / Gazzali's Supermarket Receiving Dock	Off-site recycling / Waste Management
	Recyclables / Routine Site Operations	2 Recyclable Dumpsters / Northeast side of the retail building	Off-site recycling / Waste Management
<b>Non-regulated Liquid Waste</b>	Sanitary Sewage / Routine Site Operations	NA (Municipal Sanitary Sewer)	EBMUD
	Waste Cooking Grease / Burger King - Restaurant Operations	Floor-mounted Grease Trap / Kitchen	Local vendor
<b>Regulated Solid or Liquid Waste</b>	None identified	NA	NA
<b>Biomedical Waste</b>	None identified	NA	NA

No evidence of improper solid waste management or the improper disposal of hazardous substances or petroleum products was observed at the time of reconnaissance.

#### **5.4 UNDERGROUND STORAGE TANKS (USTs) & ABOVEGROUND STORAGE TANKS (ASTs)**

##### **5.4.1 Existing Storage Tanks**

Based upon site reconnaissance, interviews, and a review of state and local records, EBI identified no evidence of existing USTs or ASTs located at the Subject Property.

##### **5.4.2 Former Storage Tanks**

Information regarding former USTs associated with Eastmont Automotive and the former TOSCO/BP station is discussed in Section 4.3.8.

#### **5.5 OIL-CONTAINING EQUIPMENT AND POLYCHLORINATED BIPHENYLS (PCBs)**

Polychlorinated biphenyls (PCBs) are a chemical component of many dielectric fluids, heat transfer fluids, hydraulic fluids, lubricating oils, paints, or coatings manufactured prior to July 2, 1979. Equipment that may potentially contain PCBs includes electrical equipment such as transformers or capacitors or hydraulically operated equipment, such as elevators, compaction equipment, or manufacturing equipment. The manufacture and distribution in commerce of PCBs was banned for use in 1979 by the United States Congress, which enacted the Toxic Substance and Control Act (TSCA). In accordance with *US Code of Federal Regulations Title 40 - Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter R - Toxic Substance Control Act (TSCA), Part 761 - Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions*, the owner of a transformer or other PCB-containing equipment is responsible for equipment maintenance and remediation in the event of a leak or release.

The following oil-containing equipment was identified at the Subject Property:

<b>OIL-CONTAINING EQUIPMENT</b>			
<b>Classification</b>	<b>Type of Equipment</b>	<b>Year Installed / Location</b>	<b>Staining / Releases Identified</b>
<b>Transformers and Fluid-Containing Electrical Equipment</b>	(5) Pad-mounted Electrical Transformer (PG&E)	Unknown / Throughout the Subject Property	No / No
<b>Hydraulic Equipment</b>	(1) Cardboard Compactor/Baler	Unknown / Receiving Dock at Gazzali's Supermarket	No / No
	(1) Solid Waste Compactors	Unknown / On the northeast side of Bank of America in the alley	Minor / No
<b>Other Oil-containing Equipment</b>	None identified	NA	NA

## 5.6 ADDITIONAL SITE CONDITIONS

The following is a summary of visual and/or physical observations of the Subject Property on the day of the site visit. Photographs of pertinent Subject Property features are presented in Appendix A.

<b>ADDITIONAL SITE CONDITIONS</b>	
<b>Condition</b>	<b>Identified</b>
Interior Drains, Trenches, or Sumps	<b>Yes</b>
Interior Stains or Corrosion	No
Unusual Odors	No
Interior Pools of Liquid	No
Stained Soil or Pavement	No
Stressed Vegetation	No
Indications of Solid Waste Disposal	No
Exterior Pits, Ponds, or Lagoons	No
Wastewater or Stormwater Discharge/Disposal	<b>Yes</b>
Oil-Water Separators or Clarifiers	No
Septic Systems or Cesspools	No
Wells (Drinking Water Wells, Monitoring Wells, Agricultural/Irrigation Wells, or Process Water Wells)	<b>Yes</b>
Petroleum or Natural Gas Pipelines/Easements	No

One mop sink drain was observed at Sparkle Cleaners. The floor drain reportedly discharges to the municipal sewer system. No significant staining or other evidence of a release of hazardous substances or petroleum products was observed in the vicinity of the floor drain.

The ground surface outside the building is relatively flat. Stormwater runoff from the asphalt-paved parking areas at the Subject Property discharge to stormwater catch basins located throughout the Subject Property. The catch basins are associated with the municipal stormwater sewerage system, operated by the EBMUD.

EBI observed two flush-mounted, steel road-box covers at the Subject Property that appear to indicate the presence of groundwater monitoring wells associated with Sparkle Cleaners. One groundwater monitoring well was observed north of the former gas station. The observed groundwater monitoring wells are associated with on-going groundwater monitoring at Sparkle Cleaners. Additional information regarding the groundwater monitoring wells is discussed in Section 4.3.8.

## 6.0 INTERVIEWS

The following persons were interviewed to obtain information regarding recognized environmental conditions in connection with the property. Additionally, a Pre-Survey Questionnaire was forwarded to the designated Subject Property contact. The Pre-Survey Questionnaire has not been completed and returned to our offices. The information requested in the Pre-Survey Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property.

INTERVIEWS			
Contact / Affiliation	Date of Communication	Years Associated with Subject Property	Telephone No.
Ms. Beena Standig General Manager Cushman & Wakefield, Inc	08/13/2015	4	(510) 632-1131
Mr. Colin Jones Chief Engineering Cushman & Wakefield, Inc	08/13/2015	1.5	(510) 632-1131
Ms. Jung Shin Owner Sparkle Cleaners	08/13/2015	20	(510) 569-8293

Pertinent information from the interviews is presented in applicable sections of this report.

## **7.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-13**

The following sections address environmental issues or conditions at the Subject Property that parties may wish to assess in connection with commercial real estate that are outside the scope of ASTM Practice E 1527-13 (non-scope considerations).

### **7.1 ASBESTOS-CONTAINING MATERIAL (ACM)**

Asbestos is a term used to describe a group of six naturally occurring crystalline fiber minerals. Asbestos has excellent thermal stability, a high degree of tensile strength, and has been used extensively in the textile, insulation, and building industries, particularly as a component in fireproofing, decorative coatings, insulation materials, and as reinforcement for plaster binders in building products. Asbestos-containing building materials are generally classified as friable or non-friable. Friable materials are those which can be crumbled, pulverized, or reduced to powder by hand pressure, or by normal use or maintenance can be expected to emit asbestos fibers into the air. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition, or other activities, at which time it may be considered friable.

EBI conducted a limited visual screening survey for the presence of ACM at the Subject Property. EBI identified friable suspect ACM in the form of textured ceiling and wall surfacing materials, sheetrock/joint compound composite material, and 2'x4' white perforated acoustical ceiling tile and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, sheet vinyl flooring and associated mastic, and various construction mastics and caulking. These materials were observed to be undamaged and in good condition at the time of assessment, with the exception of 2'x4' white perforated acoustical ceiling tile observed throughout the retail spaces. Please note that this survey was limited to visual observations of accessible areas and that the scope of work for this assessment did not include the collection and laboratory analysis of bulk samples of suspect ACM. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems.

It should be noted that the limited visual screening survey conducted under the scope of work for this assessment does not constitute a full asbestos inspection, in which all areas of the buildings would have been thoroughly surveyed and sampled. The possibility exists for ACM to be present in areas of the buildings not accessed or sampled by EBI personnel. Based on the limited scope of this assessment, additional suspect ACM may also present in areas of the buildings that were accessed as part of this assessment.

Due to the continued distribution of a wide variety of asbestos-containing building materials, asbestos may be present in some of the roofing, flooring, wall and ceiling materials, caulking/putties, adhesives, spackling compounds, and insulation materials, as well as other building materials that may be used at the Subject Property. Sampling many of these materials requires techniques that may be destructive to subject facilities, and in the case of roofing material, may void warranties. It is recommended that an asbestos inspection be performed in accordance with all applicable federal, state, and local regulatory requirements prior to renovation, demolition, or other activities that could cause a material disturbance. Any removal or disturbance of ACM or suspect ACM should be performed by properly trained personnel and in compliance with federal, state, and local regulations.

## **7.2 RADON**

Radon is a naturally-occurring, colorless and odorless radioactive gas that is generated primarily in granitic rocks. The United States Surgeon General has published information that radon is a cause of lung cancer. Radon usually enters a building through openings in the foundation, and therefore is a potential health concern to residents of the lowest level of a building with inadequate ventilation.

The EPA Map of Radon Zones indicates that Alameda County is located within a Zone 2 radon area. Zone 2 is defined as an area that has a moderate potential for radon gas, with a predicted average indoor radon screening level between 2.0 picoCuries per liter (pCi/L) and 4.0 pCi/L. The EPA recommended Action Level for radon is 4.0 pCi/L.

Based upon the non-residential nature of the Subject Property and in accordance with the scope of work for this assessment, EBI did not conduct a limited short-term radon screening at the Subject Property.

## **7.3 LEAD-BASED PAINT (LBP)**

Use of lead in household paint was banned by the U.S. Environmental Protection Agency (EPA) effective January 1, 1978. The EPA and the U.S. Department of Housing and Urban Development (HUD) consider lead-based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm<sup>2</sup>) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

Based on the non-residential use of the existing buildings and in accordance with the scope of work of this assessment, a lead-based paint (LBP) screening was not conducted at the Subject Property.

## **7.4 LEAD IN DRINKING WATER**

Lead has historically been used in pipes, solder, and brass fixtures used in water distribution systems and building plumbing systems. In 1986, EPA banned the use of lead at concentrations exceeding 0.2% lead in solder and 8% lead in other plumbing materials. Lead in drinking water results primarily from corrosion of lead containing materials in service lines or from corrosion of lead containing materials in building plumbing systems such as lead solder, brass, bronze, and other lead containing alloys. The EPA Action Level for lead in public drinking water supplies is 0.015 parts per million (ppm) or 0.015 milligrams per liter (mg/L).

Municipal water service is provided to the Subject Property by East Bay Municipal Utility District. Potable water is reportedly obtained from the Mokelumne River watershed on the western slope of the Sierra Nevada Mountains. Based upon review of the 2014 Annual Water Quality Report, the municipal water supply meets all current criteria established by the Safe Drinking Water Act (SDWA) and local municipal drinking water standards, including those for lead. Based upon the existing municipal water service and in accordance with the scope of work for this assessment, EBI did not conduct lead-in-drinking water sampling at the Subject Property.

## **7.5 VAPOR MIGRATION**

EBI conducted a vapor migration screening survey of the Subject Property. EBI's site observations and review of the environmental database report (cited in Section 4.1) did not identify any conditions on the Subject Property or on adjoining properties that would indicate a REC relative to vapor migration exists at the Subject Property, with the exception of the onsite Sparkle Cleaners. Concentrations of PCE

ranging up to 220 ug/kg and 130 ug/L are present in soil and groundwater, respectively. Hence, the potential for vapor migration cannot be ruled out.

This vapor migration screening was conducted in accordance with ASTM E1527-13 and is not intended to satisfy the requirements of ASTM E2600-10. The scope of this screening was limited to visual observations of review of the environmental database report and did not include the collection and laboratory analysis of air samples to confirm the presence of airborne contaminants by vapor intrusion.



## 8.0 FINDINGS AND OPINIONS

EBI has performed this Phase I Environmental Site Assessment of the Subject Property in conformance with the scope and limitations of ASTM Standard E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has identified no evidence of *recognized environmental conditions (RECs)* in connection with the Subject Property, except for the following.

- A drycleaner has operated at the Subject Property since at least 1970 and used solvent-based equipment until approximately 2009. Groundwater at in the vicinity of Sparkle Cleaners is impacted with VOCs above regulatory action levels. Groundwater monitoring is continuing at the Subject Property. This is considered a *recognized environmental condition (REC)*.
- Based on the groundwater monitoring results, PCE impacted groundwater exists beneath the dry cleaner, therefore, a vapor intrusion concern may exist. This is considered a *recognized environmental condition (REC)*.
- A gas station formerly operated at the Subject Property from at least 1970 to 2014. The most recent operator was BP Oil. Historic operators include TOSCO and Mobil. Elevated concentrations of petroleum hydrocarbons are present in soil and groundwater in the vicinity of the former gas station, near the south corner of the Subject Property. The owner/operator of the former gasoline service station, BP Oil, is the responsible party. This is considered a *recognized environmental condition (REC)*.

In addition, the following *controlled recognized environmental conditions (CRECs)*, and *conditions outside the scope of ASTM Practice E 1527-13* were identified in connection with the Subject Property.

- The waste oil UST removed from the former Eastmont Automotive in 1995, which received regulatory closure in 1998 is considered a *controlled recognized environmental concern (CREC)*.
- EBI conducted a limited visual screening survey for the presence of ACM at the Subject Property. EBI identified friable suspect ACM in the form of textured ceiling and wall surfacing materials, sheetrock/joint compound composite material, and 2'x4' white perforated acoustical ceiling tile and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, sheet vinyl flooring and associated mastic, and various construction mastics and caulking. These materials were observed to be undamaged and in good condition at the time of assessment, with the exception of 2'x4' white perforated acoustical ceiling tile observed throughout the retail spaces. Please note that this survey was limited to visual observations of accessible areas and that the scope of work for this assessment did not include the collection and laboratory analysis of bulk samples of suspect ACM. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems. Based on the condition of suspect ACM, these materials do not currently pose a significant environmental threat to the occupants of the Subject Property. Suspect ACM do not present a problem when maintained in good condition. However, additional sampling, removal, and disposal arrangements may be necessary should building construction or renovation activities be conducted. Asbestos is a condition outside the scope of ASTM E 1527-13 and is not considered a *recognized environmental condition (REC)*.

## 9.0 RECOMMENDATIONS

Based upon the findings of this investigation, EBI offers the following recommendations:

- EBI recommends continuing remediation activities and/or groundwater monitoring for Sparkle Cleaners in accordance with the requirements of the Alameda County Environmental Health Department and/or the CA RWQCB until such time as a No Further Action outcome is achieved. Estimated Cost: Action Item.
- EBI recommends that a limited subsurface investigation be conducted in the vicinity of the on-site dry cleaning facility, in order to determine whether post remediation soil vapor is present above regulatory action levels and to evaluate the downgradient extent of PCE impact to groundwater. Estimated cost: \$8,000 - \$12,000.
- EBI recommends that requisite response actions associated with the open on-site LUST case (Global Id: T0600100201) be completed by BP Oil in accordance with the requirements of the Alameda County Environmental Health Department and/or the CA RWQCB until such time as a No Further Action outcome is achieved. EBI additionally recommends that a copy of the lease agreement / site cleanup requirements between the gas station operator (BP Oil) and current site ownership be obtained. Estimated Cost: Action Item.
- EBI recommends that all suspect asbestos-containing materials (ACM) identified be bulk sampled by a licensed asbestos inspector prior to any renovation or demolition activities. Any materials that are determined to be asbestos-containing through bulk sampling should be removed by a licensed abatement contractor prior to renovation or demolition activities that would disturb these materials. Estimated Cost: Action Item.

## 10.0 REFERENCES

### PHASE I ENVIRONMENTAL SITE ASSESSMENT REFERENCES

---

ASTM Designation E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Alameda County, California, Online: <http://www.acgov.org/>

City of Oakland, California, Online: <http://www2.oaklandnet.com/>

Environmental Data Resources, Inc., The EDR Aerial Photo Decade Package; Inquiry Number 4381145.5, dated August 14, 2015

Environmental Data Resources, Inc., The EDR Certified Sanborn Map Report; Inquiry Number 4381145.3, dated August 12, 2015

Environmental Data Resources, Inc., The EDR City Directory Image Report; Inquiry Number 4381145.6, dated August 12, 2015

Environmental Data Resources, Inc., The EDR Historical Topographic Map report; Inquiry Number 4381145.4, dated August 12, 2015

Environmental Data Resources, Inc., The EDR Radius Map Report™ with GeoCheck®; Inquiry Number 04383142.1r, dated August 14, 2015

EPA Map of Radon Zones for Alameda County, California, <http://www.epa.gov/radon/zonemap.html>

Phase I Environmental Site Assessment, Eastmont Town Center, 7000 and 7200 Bancroft Avenue, Oakland, California, prepared by PES Environmental, Inc. (PES) of Novato, California, dated October 16, 2014

Web Soil Survey, NRCS, U.S. Department of Agriculture, On-line:  
<http://websoilsurvey.sc.egov.usda.gov/app/HomePage.htm>

## **APPENDIX A**

### **PHOTOGRAPHS**



1. Subject Property



2. Northeast side of AutoZone



3. Subject Property



4. Subject Property



5. Subject Property



6. Looking northeast along 73<sup>rd</sup> Avenue





**7.** South portion of the Subject Property



**10.** Vacant lot associated with the former gas station



**8.** Looking southeast along Bancroft Avenue



**11.** Subject Property



**9.** Looking northwest across Church Street



**12.** Looking northeast along Church Street



**13.** Looking southwest along Church Street



**16.** Northwest side of retail building and the entrance to Sparkle Cleaners



**14.** Groundwater monitoring well associated with Sparkle Cleaners



**17.** Looking southeast toward 73<sup>rd</sup> Avenue from Gazzali's receiving dock



**15.** Receiving dock at Gazzali's Supermarket



**18.** Receiving dock area on the northeast side of Gazzali's Supermarket





**19.** Subject Property



**22.** Tenant dumpsters on the northeast side of the retail building



**20.** Trash compactor on the northeast side near the drycleaner



**23.** Breezeway retail tenants



**21.** Looking northwest toward Church Street



**24.** Previous sample location in adjacent tenant space





25. Drycleaner



28. Drycleaner



26. Mop sink at drycleaner



29. Drycleaner



27. Drycleaner



30. Boiler room at drycleaners



**31.** Backroom at drycleaner



**33.** Current non-chemical drycleaner machine



**32.** Interior of Drycleaners

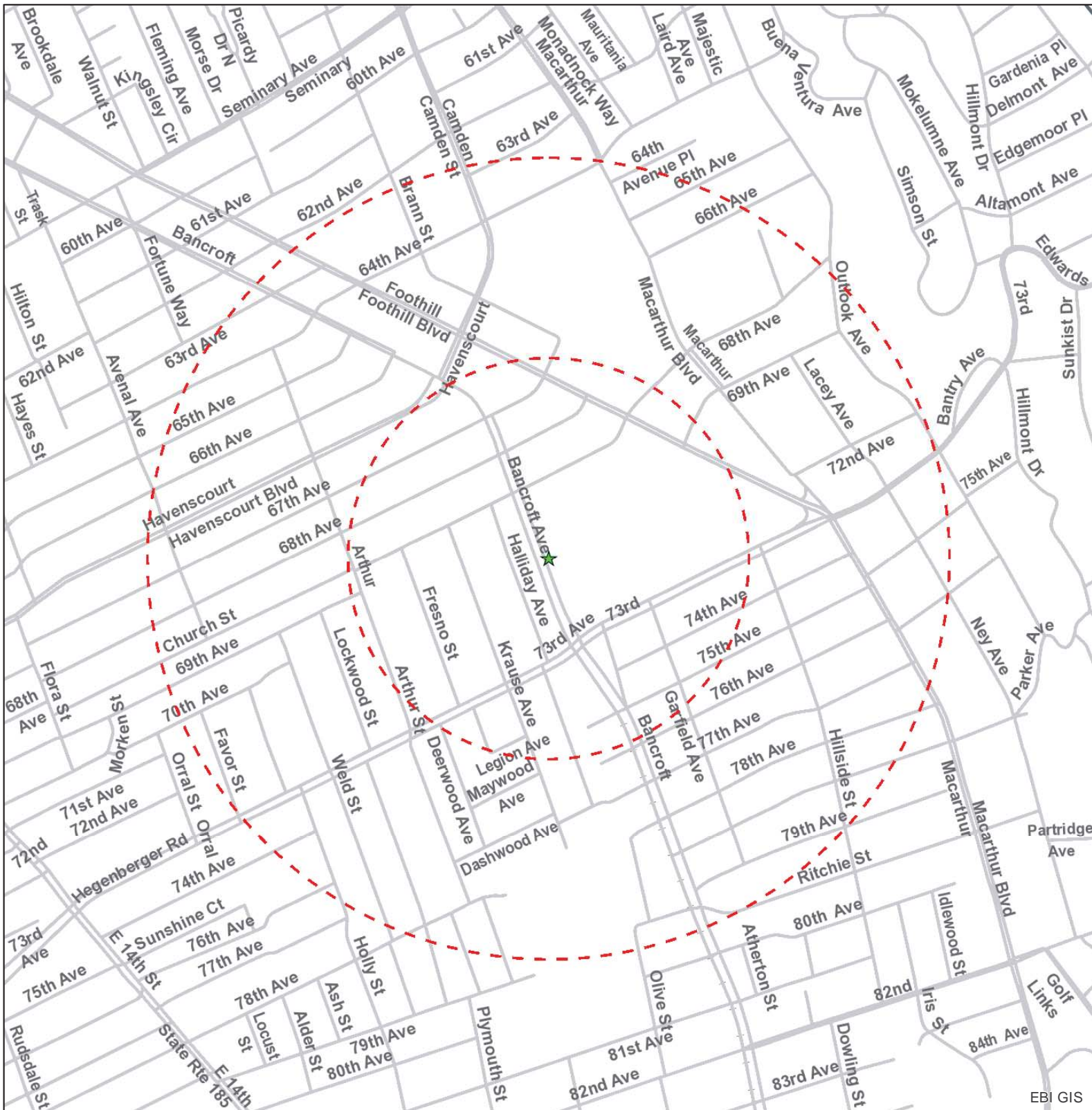


**34.** Northwest side of the retail building

## **APPENDIX B**

### **FIGURES**





Source: Selected data from  
ESRI, EBI & USGS



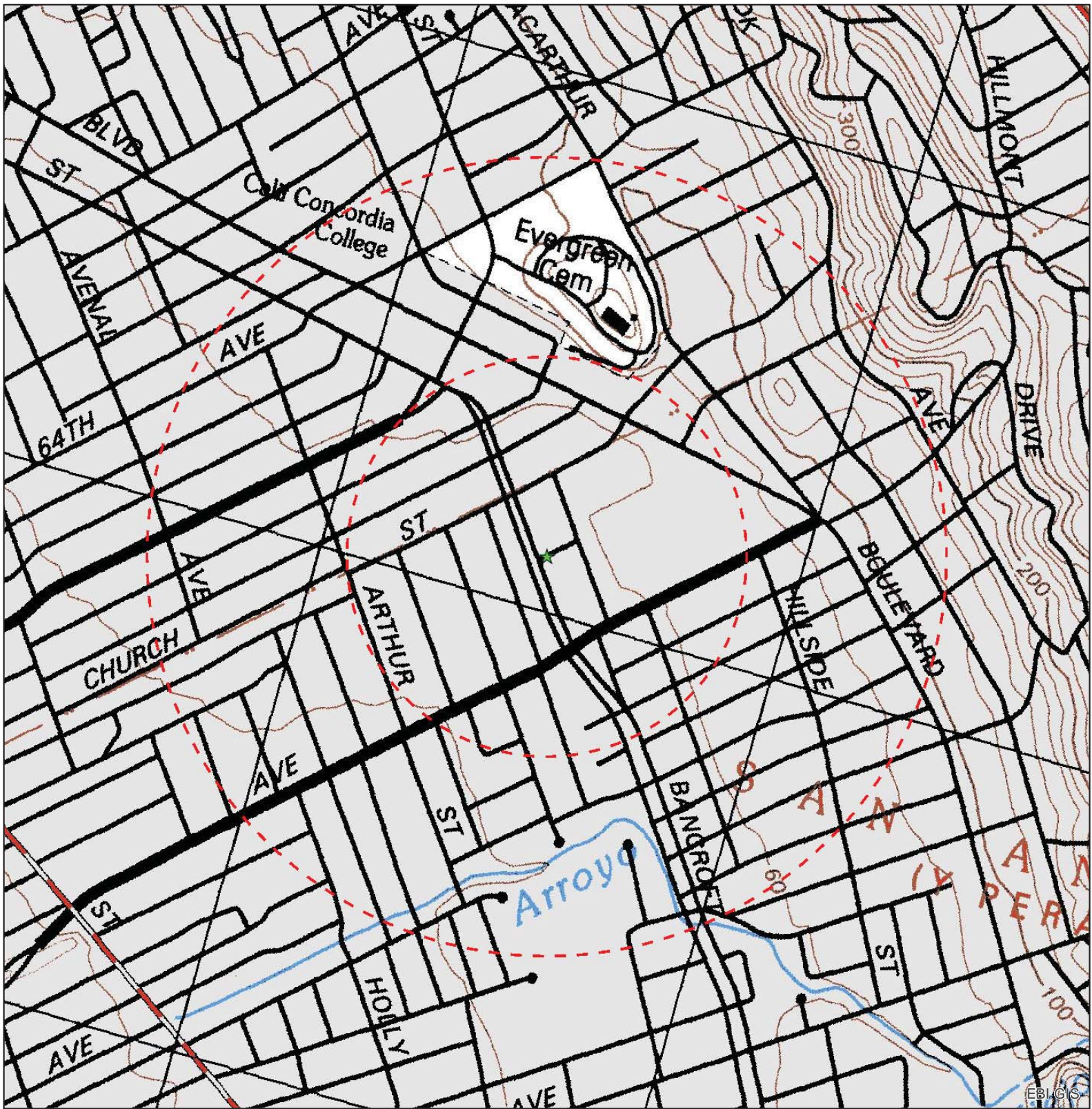
Date: 8/14/2015

### Figure 1: Site Location Map

A horizontal number line with tick marks at 0, 500, 1,000, 2,000, and 3,000. The word "Feet" is written at the right end of the line.

**EASTMONT TOWN CENTER  
7000-7200 BANCROFT AVE  
OAKLAND, CA 94605**





### Legend

- ★ Project Site
- Site Radius at 1/4 and 1/2 mile

Source: Selected data from ESRI, EBI & USGS



Date: 8/14/2015

USGS 24K Quad: Oakland East, CA 1980

**Figure 2 - Topographic Map**

**EASTMONT TOWN CENTER  
7000-7200 BANCROFT AVE  
OAKLAND, CA 94605**





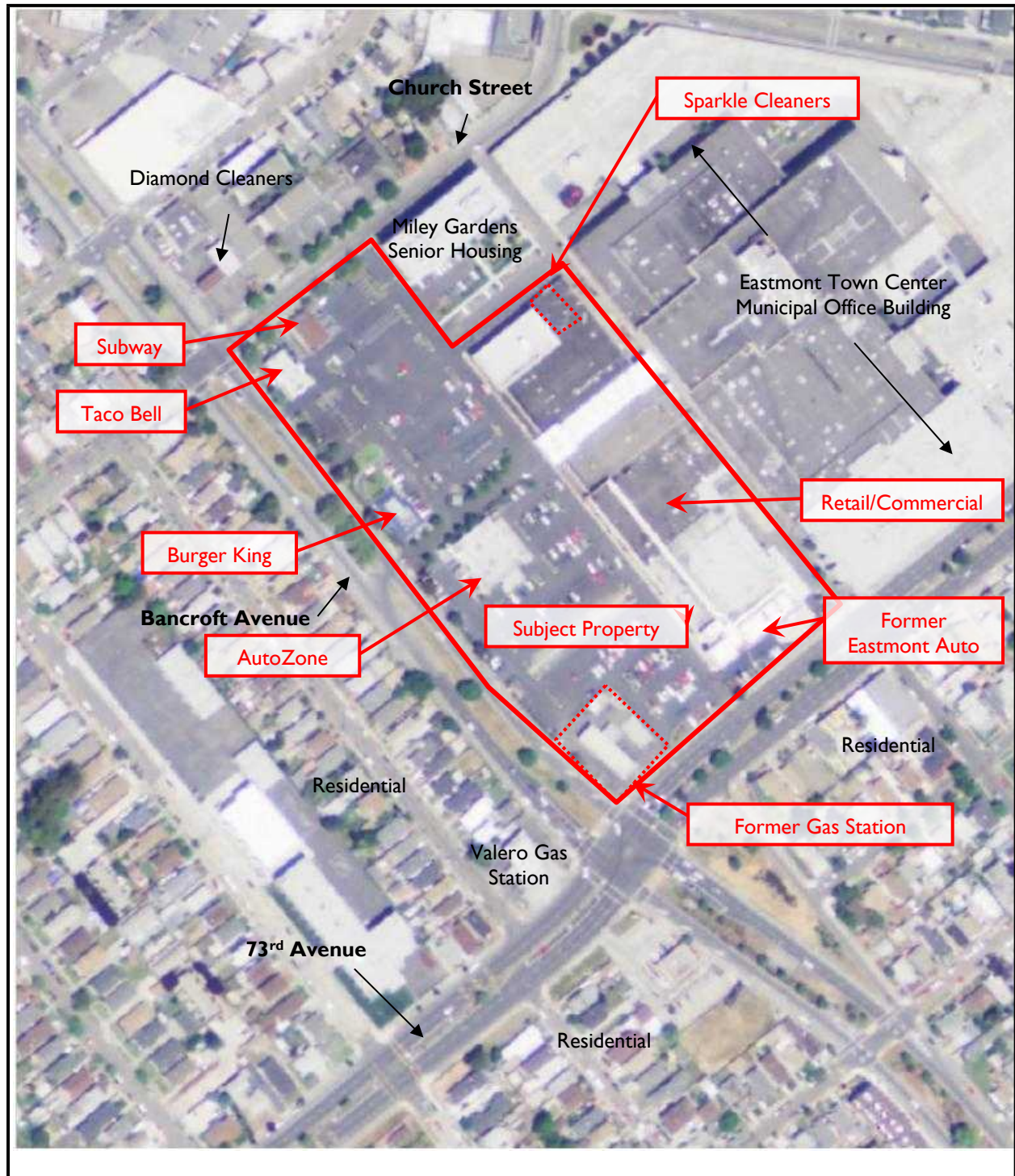


FIGURE 3 – SITE PLAN



Not to scale

## **APPENDIX C**

### **PRE-SURVEY QUESTIONNAIRE AND OTHER RELEVANT DOCUMENTATION**

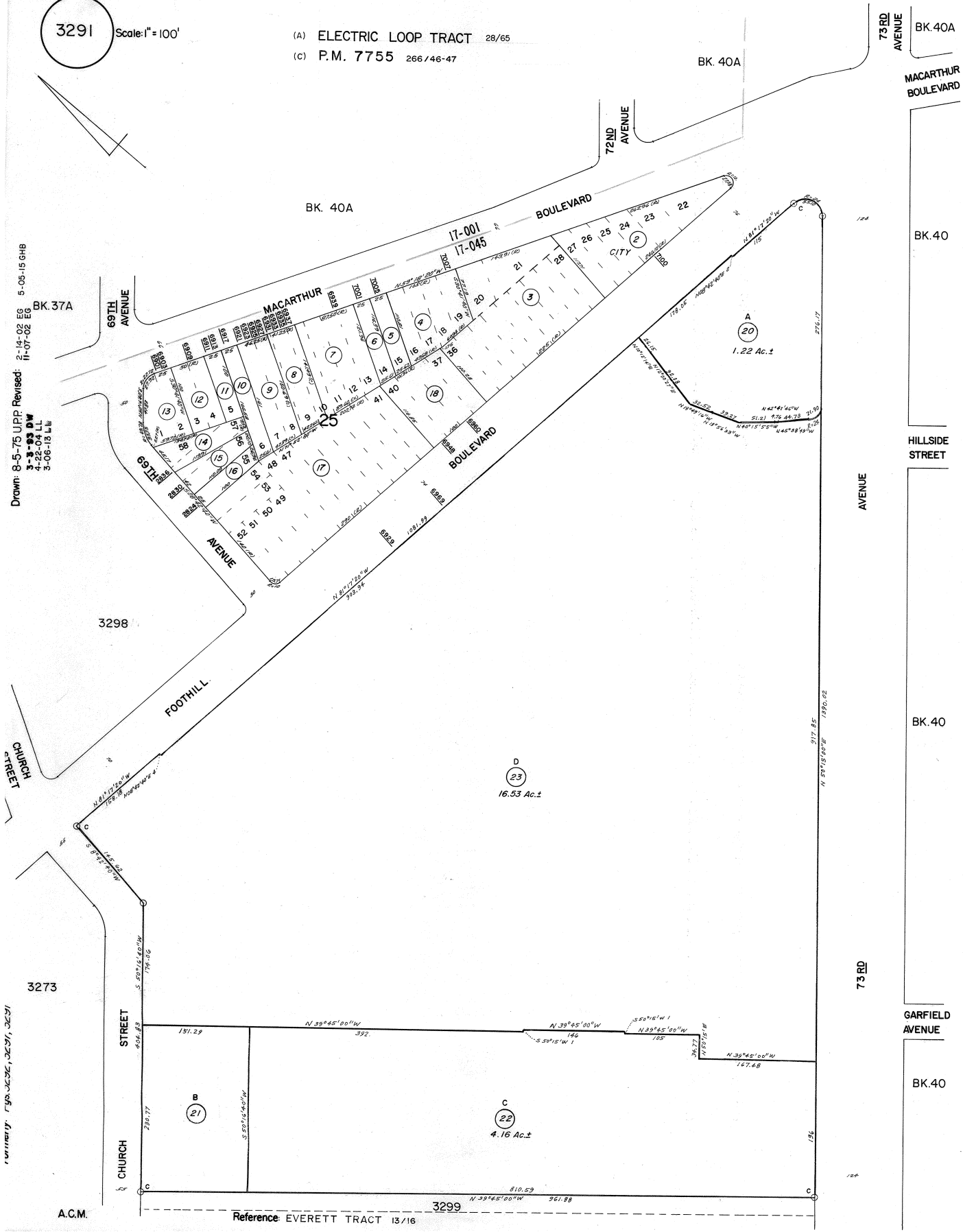
ASSESSOR'S MAP 39

Code Area Nos. 17-045

3291 Scale: 1" = 100'

- (A) ELECTRIC LOOP TRACT 28/65
- (C) P.M. 7755 266/46-47

Drawn: 8-5-75 UPP Revised: 2-14-02 EG 5-05-15 GH8  
3-3-03 DW 11-01-02 EG  
3-12-04 LL  
3-06-13 LL





Code Area No.17-045

ASSESSOR'S MAP 39

3299

REV. 5-7-75 U.B.  
4-22-04 LL

3300

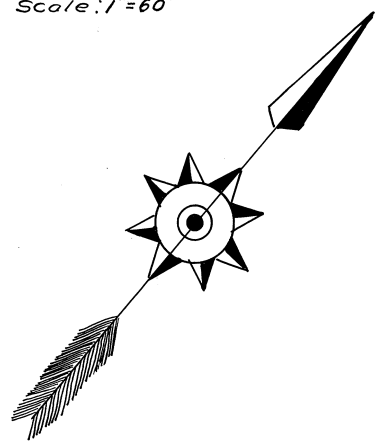
Bancroft Ave.

7000

7210

Church Street

Everett Tract (Bk.13 Pg.16)  
Scale: 1"=60'

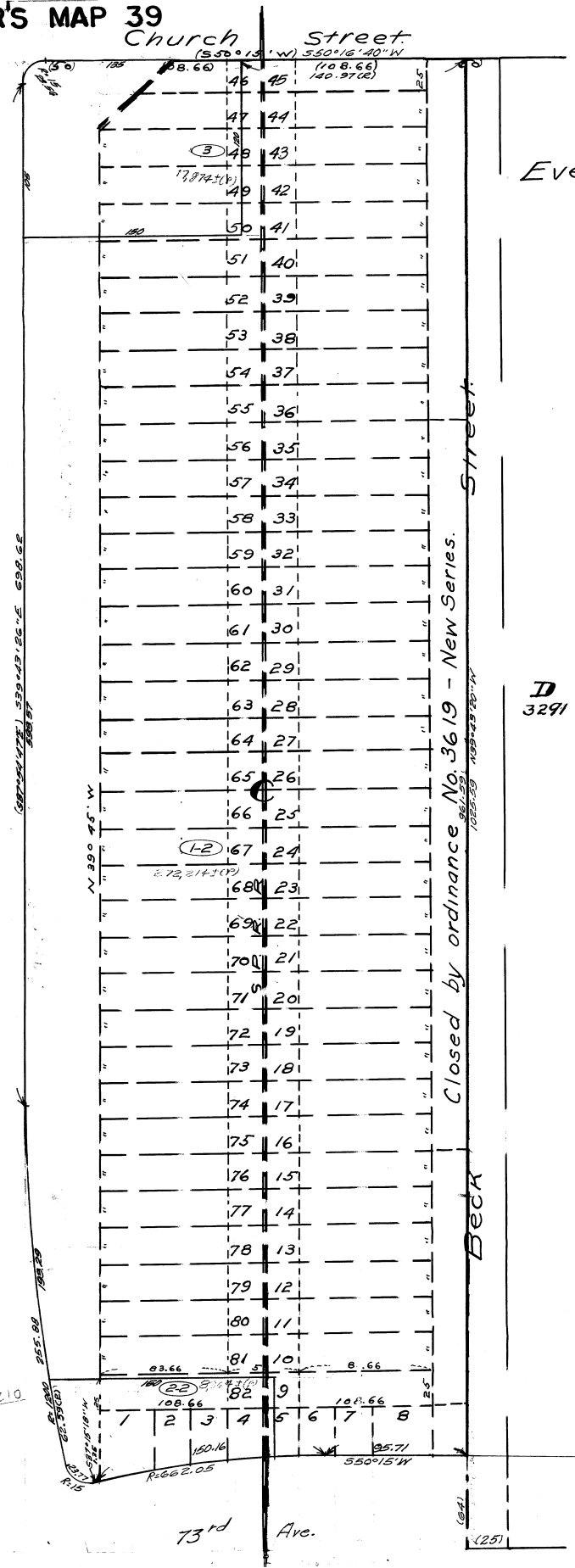


D  
3291

Closed by ordinance No. 3619 - New Series.

Beck

73rd Ave.



## **APPENDIX D**

### **PROFESSIONAL QUALIFICATIONS**

## **SUMMARY OF EXPERIENCE**

Ms. Zach is an EBI senior scientist specializing in Phase I Environmental Site Assessments (Phase I ESAS), Environmental Subsurface Investigations, Environmental Remediation Activities, and Limited Compliance Audits and Sampling Assessments.

## **RELEVANT PROJECT EXPERIENCE**

**PHASE I ENVIRONMENTAL SITE ASSESSMENTS (PHASE I ESAS):** Ms. Zach has performed over 300 Phase I ESAS on various properties throughout the United States in conformance with ASTM and specific lender and/or equity requirements. These properties have included light to heavy industrial and manufacturing facilities, telecommunication facilities, multi-family residential facilities, commercial facilities, undeveloped land, and agricultural land.

**SUBSURFACE INVESTIGATIONS AND REMEDIATION ACTIVITIES:** Ms. Zach has conducted subsurface investigation and remediation activities on various types of properties and prepared reports for various clients and state regulatory agencies. Specific duties included the development of work plans, development and implementation of site health and safety plans, the advancement and sampling of soil borings, the installation and development of temporary and permanent groundwater monitoring wells, groundwater sampling, groundwater monitoring well abandonment, vapor intrusion sampling and hazardous material/waste characterization and disposal.

**COMPLIANCE AUDITS:** Ms. Zach has performed limited compliance audits as part of client specific portfolios on gasoline stations and telecommunication facilities. Duties included site visits, permit review, interviews, and local, state, and federal regulation review.

**ASBESTOS AND LEAD-BASED PAINT SAMPLING:** Ms. Zach has performed limited asbestos and lead-based paint sampling assessments in conjunction with Phase I ESAS.

## **EDUCATION**

Bachelor of Science, Environmental Science, University of California, Riverside, 1999  
Bachelor of Science, Geology, University of California, Riverside, 1999

## **PROFESSIONAL REGISTRATIONS/CERTIFICATIONS**

Oregon certified asbestos building inspector  
40-hour OSHA hazmat/hazwaste site worker training course per OSHA 1910.120/1926.65

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## **SUMMARY OF EXPERIENCE**

Ms. Bechtold is a senior scientist with over 20 years of professional due diligence experience. She has been involved in all aspects of performing phase i environmental assessments. She has experience in all phases of environmental assessments and remedial action including soil and groundwater characterization, remedial action plans, remediation oversight and UST investigations and removals. She has extensive experience in facilities-related services including asbestos and lead-based paint surveys, and radon testing.

Ms. Bechtold she has completed projects for commercial, financial, industrial, telecommunications and real estate management firms as well as for local and state governmental clients.

## **RELEVANT PROJECT EXPERIENCE**

Ms. Bechtold performed and managed over 300 phase i environmental site assessment projects on industrial, commercial, residential, agricultural and undeveloped properties in connection with real estate transactions and telecommunications facilities. Duties included performing site and area reconnaissance, reviewing regulatory searches and researching site history, interviewing site managers/owner and identifying and evaluating potential environmental concerns.

Ms. Bechtold served as a project manager for the I-710 Brownfields study which consisted of 15 preliminary site assessments, 10 phase I environmental site assessments and an area study encompassing 14 city blocks consisting of over 200 parcels.

She has managed numerous subsurface investigations; including groundwater investigations, soil remediation projects involving soil excavation and disposal. Ms. Bechtold obtained regulatory closure for former gasoline service stations using natural attenuation modeling for impacted groundwater. She has directed the installation, operation and maintenance of soil vapor extraction remediation systems for sites impacted by volatile organic compounds (i.e., dry cleaners and industrial facilities).

## **EDUCATION**

B.A., Geography, 1980, California State University – Long Beach

## **PROFESSIONAL REGISTRATIONS/CERTIFICATIONS**

Certificate in hazardous materials management, 1995,  
OSHA/RCRA 40-hour hazardous waste operations and emergency response training  
Asbestos Building Inspector, 40 CFR 763 sub e AHERA & TSCA Title II

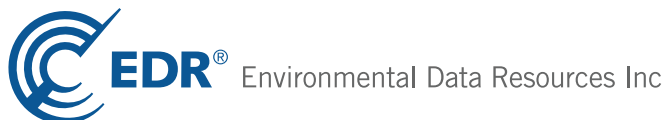
**APPENDIX E**  
**REGULATORY DATABASE REPORT**

**Eastmont Town Center**

7000 - 7200 Bancroft Avenue  
Oakland, CA 94605

Inquiry Number: 04383142.1r  
August 14, 2015

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

7000 - 7200 BANCROFT AVENUE  
OAKLAND, CA 94605

#### COORDINATES

Latitude (North):	37.7672000 - 37° 46' 1.92"
Longitude (West):	122.1783000 - 122° 10' 41.88"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	572372.9
UTM Y (Meters):	4180098.8
Elevation:	60 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641110 OAKLAND EAST, CA
Version Date:	2012
South Map:	5641120 SAN LEANDRO, CA
Version Date:	2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120520
Source:	USDA



# MAPPED SITES SUMMARY

Target Property Address:  
7000 - 7200 BANCROFT AVENUE  
OAKLAND, CA 94605

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	AUTOZONE #3371	7200 BANCROFT AVENUE	FINDS		TP
<a href="#">A2</a>	SPARKLE CLEANERS	7000 BANCROFT AVENUE	RCRA-LQG		TP
<a href="#">A3</a>		7000 BANCROFT AVE	EDR US Hist Cleaners		TP
<a href="#">A4</a>	AUTOZONE #3371	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A5</a>	SPARKLE CLEANERS	7000 BANCROFT AVE	FINDS		TP
<a href="#">A6</a>	EASTMONT TOWN CENTER	7200 BANCROFT AVE ST	HAZNET		TP
<a href="#">A7</a>	THRIFTY #6796	7100 BANCROFT AVE	HAZNET		TP
<a href="#">A8</a>	SPARKLE KLEAN CLEANER	7000 BANCROFT AVE ST	HAZNET		TP
<a href="#">A9</a>	SPARKLE CLEANERS	7000 BANCROFT AVE	EMI		TP
<a href="#">A10</a>	EASTMONT OAKLAND ASS	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A11</a>	EASTMONT TOWN CENTER	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A12</a>	CITY OF OAKLAND, ENV	7200 BANCROFT AVE	FINDS		TP
<a href="#">A13</a>	CVS PHARMACY NO 8431	7200 BANCROFT AVE	FINDS		TP
<a href="#">A14</a>	SPARKLE CLEANERS	7000 BANCROFT AVE	SLIC, Alameda County CS, DRYCLEANERS		TP
<a href="#">A15</a>	CITY OF OAKLAND, ENV	7200 BANCROFT AVE	EMI		TP
<a href="#">A16</a>	EASTMONT TOWN CENTER	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A17</a>	EASTMONT TOWN CENTER	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A18</a>	EASTMONT TOWN CENTER	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A19</a>	EASTMONT TOWN CENTER	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A20</a>	CVS PHARMACY #8431	7200 BANCROFT AVE	HAZNET		TP
<a href="#">A21</a>	SPARKLE CLEANERS	7000 BANCROFT AVE	HAZNET		TP
<a href="#">A22</a>	ABDO ALGAZZALI	7000 BANCROFT AVE	HAZNET		TP
<a href="#">A23</a>	EASTMONT TOWN CENTER	7200 BANCROFT AVENUE	HAZNET		TP
<a href="#">A24</a>	CVS PHARMACY NO 8431	7200 BANCROFT AVE	RCRA-LQG		TP
<a href="#">B25</a>	EASTMONT AUTO GOODYE	7250 BANCROFT	HIST CORTESE, LUST	Higher	1 ft.
<a href="#">A26</a>	EASTMONT MALL NOR	1 EASTMONT MALL	LUST	Lower	16, 0.003, SW
<a href="#">A27</a>	EASTMONT MALL JC PEN	1 EASTMONT MALL	HIST CORTESE	Lower	16, 0.003, SW
<a href="#">A28</a>	EASTMONT MALL	1 EASTMONT MALL	HIST CORTESE, LUST, Alameda County CS	Lower	16, 0.003, SW
<a href="#">B29</a>		7250 BANCROFT AVE	EDR US Hist Auto Stat	Lower	27, 0.005, SE
<a href="#">B30</a>	MOBIL SERVICE STATIO	7210 BANCROFT AVE	HIST UST	Lower	30, 0.006, SE
<a href="#">B31</a>	BP OIL CO FAC SITE N	7210 BANCROFT AVE	HIST CORTESE, LUST, CA FID UST, Alameda County CS,...	Lower	30, 0.006, SE
<a href="#">B32</a>	TOSCO FACILITY # 111	7210 BANCROFT AVE	UST	Lower	30, 0.006, SE
<a href="#">B33</a>	TOSCO NORTHWEST CO N	7210 BANCROFT AVE	RCRA-SQG, FINDS	Lower	30, 0.006, SE
<a href="#">B34</a>	CHEVRON USA INC SERV	7225 BANCROFT AVE	RCRA NonGen / NLR, ICIS, FINDS, HIST CORTESE,...	Lower	100, 0.019, SSE
<a href="#">B35</a>	CHEVRON STATION #933	7225 BANCROFT AVE	UST	Lower	100, 0.019, SSE
<a href="#">B36</a>	93322	7225 BANCROFT AVE	HIST UST	Lower	100, 0.019, SSE
<a href="#">B37</a>		7225 BANCROFT AVE	EDR US Hist Auto Stat	Lower	100, 0.019, SSE
<a href="#">38</a>	FIRESTONE #3659	73RD & BANCROFT	HIST UST	Lower	187, 0.035, SE
<a href="#">C39</a>		6816 BANCROFT AVE	EDR US Hist Cleaners	Higher	225, 0.043, NW

# MAPPED SITES SUMMARY

Target Property Address:  
7000 - 7200 BANCROFT AVENUE  
OAKLAND, CA 94605

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">C40</a>	DIAMOND CLEANERS	6816 BANCROFT AVE	DRYCLEANERS, EMI	Higher	225, 0.043, NW
<a href="#">C41</a>		6800 BANCROFT AVE	EDR US Hist Cleaners	Higher	265, 0.050, NW
<a href="#">42</a>	FIRESTONE #3659	073RD & BANCROFT	CA FID UST, SWEEPS UST	Lower	430, 0.081, South
<a href="#">D43</a>	BETTER HOMES REALTY	6821 FOOTHILL BLVD	HIST CORTESE, LUST, Alameda County CS	Higher	508, 0.096, North
<a href="#">D44</a>		6821 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	508, 0.096, North
<a href="#">D45</a>	PACIFIC SERVICE STAT	6800 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	509, 0.096, North
<a href="#">D46</a>		6818 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	519, 0.098, North
<a href="#">E47</a>	NEWTON H H	6739 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	548, 0.104, NNW
<a href="#">E48</a>	ACE HARDWARE SCHOOL	6733 FOOTHILL BOULEV	SCH, ENVIROSTOR	Higher	556, 0.105, NNW
<a href="#">F49</a>	BEASLEY S AUTO MATIC	6690 BANCROFT AVE	EDR US Hist Auto Stat	Higher	601, 0.114, NW
<a href="#">E50</a>	THOMPSON WM	6701 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	609, 0.115, NNW
<a href="#">E51</a>	MIDDLETON E D	6697 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	625, 0.118, NNW
<a href="#">52</a>		2637 75TH AVE	EDR US Hist Auto Stat	Higher	683, 0.129, ESE
<a href="#">F53</a>	LYONS DRY CLEANERS	6680 BANCROFT AVE	EDR US Hist Cleaners	Higher	684, 0.130, NW
<a href="#">F54</a>		6672 BANCROFT AVE	EDR US Hist Auto Stat	Higher	745, 0.141, NW
<a href="#">G55</a>	FIRESTONE	1 EASTMONT MAL	LUST	Higher	838, 0.159, ENE
<a href="#">G56</a>	FIRESTONE #36F1	2701 073RD AVE	HIST CORTESE, LUST, CA FID UST, Alameda County CS,...	Higher	838, 0.159, ENE
<a href="#">57</a>		7314 FRESNO ST	EDR US Hist Auto Stat	Lower	857, 0.162, South
<a href="#">58</a>	D & J TRUCKING	2659 68TH STREET	RCRA NonGen / NLR, FINDS	Lower	872, 0.165, West
<a href="#">59</a>		2235 CHURCH ST	EDR US Hist Cleaners	Lower	959, 0.182, WSW
<a href="#">60</a>	ONE HOUR MARTINIZING	6643 BANCROFT AVE	EDR US Hist Cleaners	Higher	974, 0.184, NW
<a href="#">61</a>		6608 BRANN ST	EDR US Hist Auto Stat	Higher	1005, 0.190, NNW
<a href="#">H62</a>	OAKLAND FIRE STATION	7100 FOOTHILL BLVD	HIST CORTESE, LUST, Alameda County CS	Higher	1084, 0.205, ENE
<a href="#">I63</a>	MATHIAS R F	6601 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	1087, 0.206, NW
<a href="#">I64</a>		6600 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	1094, 0.207, NW
<a href="#">J65</a>	STOP N GO MARKET (07	7701 BANCROFT AVE	LUST, CA FID UST, SWEEPS UST	Lower	1113, 0.211, SE
<a href="#">J66</a>	STOP N GO MARKET (07	7701 BANCROFT AVE	HIST UST	Lower	1113, 0.211, SE
<a href="#">I67</a>	BEACON	6600 FOOTHILL BLVD	HIST CORTESE, LUST, CA FID UST, Alameda County CS,...	Higher	1121, 0.212, NW
<a href="#">I68</a>	SEKHON GAS STATION	6600 FOOTHILL BLVD	UST	Higher	1121, 0.212, NW
<a href="#">I69</a>	FOOTHILL SHELL	6600 FOOTHILL BLVD	HIST UST	Higher	1121, 0.212, NW
<a href="#">K70</a>	LEAVEN F D	2766 73RD AVE	EDR US Hist Cleaners	Higher	1174, 0.222, ENE
<a href="#">I71</a>	EVANS BURT	6548 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	1194, 0.226, NW
<a href="#">H72</a>	STOUT C S	7200 MACARTHUR BLV	EDR US Hist Auto Stat	Higher	1218, 0.231, ENE
<a href="#">I73</a>	MY VALET CLEANERS C&	6524 FOOTHILL BLVD	EDR US Hist Cleaners	Higher	1239, 0.235, NW
<a href="#">K74</a>	GAMMILL J C	8934 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	1283, 0.243, ENE
<a href="#">K75</a>	FIRESTONE EASTMONT 3	73RD MACAUTHUR	RCRA-SQG	Higher	1286, 0.244, ENE
<a href="#">K76</a>	J.C. PENNEYS #836-7	6950 EASTMONT MALL	HIST UST	Higher	1286, 0.244, ENE
<a href="#">K77</a>	KNOX E M	9124 FOOTHILL BLVD	EDR US Hist Auto Stat	Higher	1292, 0.245, ENE
<a href="#">78</a>	AUTO COLLISION CENTE	6436 FOOTHILL BLVD	HIST CORTESE, LUST, Alameda County CS, SWEEPS UST,...	Higher	1594, 0.302, NW

# MAPPED SITES SUMMARY

Target Property Address:  
7000 - 7200 BANCROFT AVENUE  
OAKLAND, CA 94605

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">79</a>	HONG GARDNER PROPERT	7600 MACARTHUR BLVD	LUST, Alameda County CS	Higher	1776, 0.336, East
<a href="#">80</a>	ARCO SERVICE STATION	6235 SEMINARY AVENUE	Notify 65	Higher	4328, 0.820, NNE
<a href="#">81</a>	MARY SIMS PROPERTY	1091 71ST AVENUE	ENVIROSTOR	Lower	5212, 0.987, SW
<a href="#">82</a>	TUNE UP MASTERS #314	5525 BANCROFT AVE	HIST CORTESE, LUST, Alameda County CS, Notify 65	Higher	5244, 0.993, WNW

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
AUTOZONE #3371 7200 BANCROFT AVENUE OAKLAND, CA 94605	FINDS Registry ID:: 110022505154	N/A
SPARKLE CLEANERS 7000 BANCROFT AVENUE OAKLAND, CA 94605	RCRA-LQG EPA ID:: CAR000193839	CAR000193839
7000 BANCROFT AVE 7000 BANCROFT AVE OAKLAND, CA 94605	EDR US Hist Cleaners	N/A
AUTOZONE #3371 7200 BANCROFT AVE OAKLAND, CA 94605	HAZNET GEPaid: CAL000287107	N/A
SPARKLE CLEANERS 7000 BANCROFT AVE OAKLAND, CA 94605	FINDS Registry ID:: 110010486562	N/A
EASTMONT TOWN CENTER 7200 BANCROFT AVE ST OAKLAND, CA 94605	HAZNET GEPaid: CAC002715586	N/A
THRIFTY #6796 7100 BANCROFT AVE OAKLAND, CA 94605	HAZNET GEPaid: CAL000127882	N/A
SPARKLE KLEAN CLEANER 7000 BANCROFT AVE ST OAKLAND, CA 94605	HAZNET GEPaid: CAL000048547	N/A
SPARKLE CLEANERS 7000 BANCROFT AVE OAKLAND, CA 94605	EMI Facility Id: 6284	N/A
EASTMONT OAKLAND ASS 7200 BANCROFT AVE OAKLAND, CA 94605	HAZNET	N/A

## EXECUTIVE SUMMARY

GEPAID: CAC002628856

EASTMONT TOWN CENTER  
7200 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAC002611477

N/A

CITY OF OAKLAND, ENV  
7200 BANCROFT AVE  
OAKLAND, CA 94605

FINDS  
Registry ID:: 110038003978

N/A

CVS PHARMACY NO 8431  
7200 BANCROFT AVE  
OAKLAND, CA 94605

FINDS  
Registry ID:: 110055055620

N/A

SPARKLE CLEANERS  
7000 BANCROFT AVE  
OAKLAND, CA 94605

SLIC  
Facility Status: Open - Verification Monitoring  
Global Id: SLT19735483  
  
Alameda County CS  
Record Id: RO0002942  
Status: Leak Confirmation  
Status: Preliminary Site Assessment Workplan Submitted  
Status: Pollution Characterization  
Status: Remedial Action Underway  
Status: Verificaiton Monitoring Underway  
  
DRYCLEANERS  
EPA Id: CAR000193839

N/A

CITY OF OAKLAND, ENV  
7200 BANCROFT AVE  
OAKLAND, CA 94605

EMI  
Facility Id: 13603

N/A

EASTMONT TOWN CENTER  
7200 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAC002569351

N/A

EASTMONT TOWN CENTER  
7200 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAC002576414

N/A

EASTMONT TOWN CENTER  
7200 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAC002592409

N/A

EASTMONT TOWN CENTER  
7200 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET

N/A

## EXECUTIVE SUMMARY

GEPAID: CAC002601311

CVS PHARMACY #8431  
7200 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAR000233940  
GEPAID: CAL000374440

N/A

SPARKLE CLEANERS  
7000 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAR000193839

N/A

ABDO ALGAZZALI  
7000 BANCROFT AVE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAC002564516

N/A

EASTMONT TOWN CENTER  
7200 BANCROFT AVENUE  
OAKLAND, CA 94605

HAZNET  
GEPAID: CAC001238360

N/A

CVS PHARMACY NO 8431  
7200 BANCROFT AVE  
OAKLAND, CA 94605

RCRA-LQG  
EPA ID:: CAR000233940

CAR000233940

### **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 Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

## EXECUTIVE SUMMARY

### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

### ***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***

AST..... Aboveground Petroleum Storage Tank Facilities  
INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Cleanup Program Properties  
INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

## EXECUTIVE SUMMARY

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
SWRCY.....	Recycler Database
HAULERS.....	Registered Waste Tire Haulers Listing
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT.....	Waste Management Unit Database

### ***Local Lists of Hazardous waste / Contaminated Sites***

US CDL.....	Clandestine Drug Labs
HIST Cal-Sites.....	Historical Calsites Database
Toxic Pits.....	Toxic Pits Cleanup Act Sites
CDL.....	Clandestine Drug Labs
US HIST CDL.....	National Clandestine Laboratory Register

### ***Local Land Records***

LIENS 2.....	CERCLA Lien Information
LIENS.....	Environmental Liens Listing
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***

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
CA BOND EXP. PLAN.....	Bond Expenditure Plan
NPDES.....	NPDES Permits Listing



## EXECUTIVE SUMMARY

UIC.....	UIC Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
WDS.....	Waste Discharge System
Financial Assurance.....	Financial Assurance Information Listing
PROC.....	Certified Processors Database
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
MWMP.....	Medical Waste Management Program Listing
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data
2020 COR ACTION.....	2020 Corrective Action Program List
PRP.....	Potentially Responsible Parties

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

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

### 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.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal RCRA generators list*

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIRESTONE EASTMONT 3	73RD MACAUTHUR	ENE 1/8 - 1/4 (0.244 mi.)	K75	97
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOSCO NORTHWEST CO N	7210 BANCROFT AVE	SE 0 - 1/8 (0.006 mi.)	B33	45

#### *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 05/04/2015 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ACE HARDWARE SCHOOL</b> Facility Id: 1520005 Status: Inactive - Needs Evaluation	<b>6733 FOOTHILL BOULEV</b>	<b>NNW 0 - 1/8 (0.105 mi.)</b>	<b>E48</b>	<b>68</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARY SIMS PROPERTY Facility Id: 1750015 Status: Refer: Other Agency	1091 71ST AVENUE	SW 1/2 - 1 (0.987 mi.)	81	106

## 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 13 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EASTMONT AUTO GOODYE</b> Facility Id: 01-2415 Facility Status: Leak being confirmed	<b>7250 BANCROFT</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>B25</b>	<b>33</b>
<b>BETTER HOMES REALTY</b> Status: Completed - Case Closed Facility Id: 01-0988 Facility Status: Case Closed Global Id: T0600100911 date9: 3/30/1995	<b>6821 FOOTHILL BLVD</b>	<b>N 0 - 1/8 (0.096 mi.)</b>	<b>D43</b>	<b>65</b>
<b>FIRESTONE</b> Facility Id: 01-0889 Facility Status: Case Closed date9: 2/28/1995	<b>1 EASTMONT MAL</b>	<b>ENE 1/8 - 1/4 (0.159 mi.)</b>	<b>G55</b>	<b>71</b>
<b>FIRESTONE #36F1</b> Status: Completed - Case Closed Global Id: T0600100821	<b>2701 073RD AVE</b>	<b>ENE 1/8 - 1/4 (0.159 mi.)</b>	<b>G56</b>	<b>71</b>
<b>OAKLAND FIRE STATION</b> Status: Completed - Case Closed Facility Id: 01-0636 Facility Status: Case Closed Global Id: T0600100586 date9: 1/31/1997	<b>7100 FOOTHILL BLVD</b>	<b>ENE 1/8 - 1/4 (0.205 mi.)</b>	<b>H62</b>	<b>76</b>
<b>BEACON</b> Status: Open - Eligible for Closure Facility Id: 01-2481 Facility Status: Leak being confirmed Global Id: T0600102286	<b>6600 FOOTHILL BLVD</b>	<b>NW 1/8 - 1/4 (0.212 mi.)</b>	<b>I67</b>	<b>83</b>
<b>AUTO COLLISION CENTE</b> Status: Completed - Case Closed Facility Id: 01-0956 Facility Status: Case Closed Global Id: T0600100881 date9: 2/6/1996	<b>6436 FOOTHILL BLVD</b>	<b>NW 1/4 - 1/2 (0.302 mi.)</b>	<b>78</b>	<b>99</b>
<b>HONG GARDNER PROPERT</b> Status: Open - Site Assessment Global Id: T10000003434	<b>7600 MACARTHUR BLVD</b>	<b>E 1/4 - 1/2 (0.336 mi.)</b>	<b>79</b>	<b>103</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EASTMONT MALL NOR</b> Facility Id: 01-2499 Facility Status: Preliminary site assessment underway	<b>1 EASTMONT MALL</b>	<b>SW 0 - 1/8 (0.003 mi.)</b>	<b>A26</b>	<b>33</b>
<b>EASTMONT MALL</b>	<b>1 EASTMONT MALL</b>	<b>SW 0 - 1/8 (0.003 mi.)</b>	<b>A28</b>	<b>34</b>

## EXECUTIVE SUMMARY

<b>BP OIL CO FAC SITE N</b>	<b>7210 BANCROFT AVE</b>	<b>SE 0 - 1/8 (0.006 mi.)</b>	<b>B31</b>	<b>37</b>
Status: Open - Remediation				
Facility Id: 01-0215				
Facility Status: Preliminary site assessment underway				
Global Id: T0600100201				
<b>CHEVRON USA INC SERV</b>	<b>7225 BANCROFT AVE</b>	<b>SSE 0 - 1/8 (0.019 mi.)</b>	<b>B34</b>	<b>47</b>
Status: Open - Assessment & Interim Remedial Action				
Facility Id: 01-2263				
Facility Status: Leak being confirmed				
Global Id: T0600102079				
<b>STOP N GO MARKET (07</b>	<b>7701 BANCROFT AVE</b>	<b>SE 1/8 - 1/4 (0.211 mi.)</b>	<b>J65</b>	<b>79</b>
Status: Open - Site Assessment				
Global Id: T10000004796				

A review of the Alameda County CS list, as provided by EDR, and dated 07/21/2015 has revealed that there are 9 Alameda County CS sites within approximately 0.5 miles of the target property.

TC04383142.1r EXECUTIVE SUMMARY 13

## EXECUTIVE SUMMARY

Record Id: RO0000614  
 Record Id: RO0000788  
 Status: Leak Confirmation  
 Status: Case Closed

<b>BP OIL CO FAC SITE N</b>	<b>7210 BANCROFT AVE</b>	<b>SE 0 - 1/8 (0.006 mi.)</b>	<b>B31</b>	<b>37</b>
Record Id: RO0000356				
Status: Leak Confirmation				
Status: Preliminary Site Assessment Workplan Submitted				
Status: Pollution Characterization				

<b>CHEVRON USA INC SERV</b>	<b>7225 BANCROFT AVE</b>	<b>SSE 0 - 1/8 (0.019 mi.)</b>	<b>B34</b>	<b>47</b>
Record Id: RO0000274				
Status: Preliminary Site Assessment Workplan Submitted				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				

### ***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 3 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEKHON GAS STATION Facility Id: FA0321493 Facility Id: 242 Facility Status: 01	6600 FOOTHILL BLVD	NW 1/8 - 1/4 (0.212 mi.)	I68	93
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOSCO FACILITY # 111 Facility Id: FA0321554 Facility Id: 116 Closed: YES Facility Status: 02	7210 BANCROFT AVE	SE 0 - 1/8 (0.006 mi.)	B32	45
CHEVRON STATION #933 Facility Id: FA0321146 Facility Id: 204 Facility Status: 01	7225 BANCROFT AVE	SSE 0 - 1/8 (0.019 mi.)	B35	55

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Hazardous waste / Contaminated Sites***

## EXECUTIVE SUMMARY

SCH: 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.

A review of the SCH list, as provided by EDR, and dated 05/04/2015 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ACE HARDWARE SCHOOL</b> Facility Id: 1520005 Status: Inactive - Needs Evaluation	<b>6733 FOOTHILL BOULEV</b>	<b>NNW 0 - 1/8 (0.105 mi.)</b>	<b>E48</b>	<b>68</b>

### Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 6 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FIRESTONE #36F1</b> Facility Id: 01002244 Status: I	<b>2701 073RD AVE</b>	<b>ENE 1/8 - 1/4 (0.159 mi.)</b>	<b>G56</b>	<b>71</b>
<b>BEACON</b> Facility Id: 01002677 Status: A	<b>6600 FOOTHILL BLVD</b>	<b>NW 1/8 - 1/4 (0.212 mi.)</b>	<b>I67</b>	<b>83</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BP OIL CO FAC SITE N</b> Facility Id: 01002686 Status: A	<b>7210 BANCROFT AVE</b>	<b>SE 0 - 1/8 (0.006 mi.)</b>	<b>B31</b>	<b>37</b>
<b>CHEVRON USA INC SERV</b> Facility Id: 01002793 Status: A	<b>7225 BANCROFT AVE</b>	<b>SSE 0 - 1/8 (0.019 mi.)</b>	<b>B34</b>	<b>47</b>
<b>FIRESTONE #3659</b> Facility Id: 01002090 Status: I	<b>073RD &amp; BANCROFT</b>	<b>S 0 - 1/8 (0.081 mi.)</b>	<b>42</b>	<b>64</b>
<b>STOP N GO MARKET (07</b> Facility Id: 01002624 Status: A	<b>7701 BANCROFT AVE</b>	<b>SE 1/8 - 1/4 (0.211 mi.)</b>	<b>J65</b>	<b>79</b>

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 7 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FIRESTONE #36F1</b>	<b>2701 073RD AVE</b>	<b>ENE 1/8 - 1/4 (0.159 mi.)</b>	<b>G56</b>	<b>71</b>

## EXECUTIVE SUMMARY

Facility Id: 00000060565				
FOOTHILL SHELL	6600 FOOTHILL BLVD	NW 1/8 - 1/4 (0.212 mi.)	I69	94
Facility Id: 00000036169				
J.C. PENNEYS #836-7	6950 EASTMONT MALL	ENE 1/8 - 1/4 (0.244 mi.)	K76	98
Facility Id: 00000065940				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL SERVICE STATIO	7210 BANCROFT AVE	SE 0 - 1/8 (0.006 mi.)	B30	36
Facility Id: 00000039600				
93322	7225 BANCROFT AVE	SSE 0 - 1/8 (0.019 mi.)	B36	55
Facility Id: 00000062426				
FIRESTONE #3659	73RD & BANCROFT	SE 0 - 1/8 (0.035 mi.)	38	57
Facility Id: 00000005857				
STOP N GO MARKET (07	7701 BANCROFT AVE	SE 1/8 - 1/4 (0.211 mi.)	J66	82
Facility Id: 00000019847				

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 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FIRESTONE #36F1</b>	<b>2701 073RD AVE</b>	<b>ENE 1/8 - 1/4 (0.159 mi.)</b>	<b>G56</b>	<b>71</b>
Comp Number: 60565				
<b>BEACON</b>	<b>6600 FOOTHILL BLVD</b>	<b>NW 1/8 - 1/4 (0.212 mi.)</b>	<b>I67</b>	<b>83</b>
Status: A				
Tank Status: A				
Comp Number: 36169				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BP OIL CO FAC SITE N</b>	<b>7210 BANCROFT AVE</b>	<b>SE 0 - 1/8 (0.006 mi.)</b>	<b>B31</b>	<b>37</b>
Status: A				
Tank Status: A				
Comp Number: 39600				
<b>CHEVRON USA INC SERV</b>	<b>7225 BANCROFT AVE</b>	<b>SSE 0 - 1/8 (0.019 mi.)</b>	<b>B34</b>	<b>47</b>
Status: A				
Tank Status: A				
Comp Number: 62426				
<b>FIRESTONE #3659</b>	<b>073RD &amp; BANCROFT</b>	<b>S 0 - 1/8 (0.081 mi.)</b>	<b>42</b>	<b>64</b>
Comp Number: 5857				
<b>STOP N GO MARKET (07</b>	<b>7701 BANCROFT AVE</b>	<b>SE 1/8 - 1/4 (0.211 mi.)</b>	<b>J65</b>	<b>79</b>
Status: A				
Tank Status: A				
Comp Number: 19847				

## EXECUTIVE SUMMARY

### Other Ascertainable Records

RCRA NonGen / NLR: 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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/10/2015 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHEVRON USA INC SERV</b>	<b>7225 BANCROFT AVE</b>	<b>SSE 0 - 1/8 (0.019 mi.)</b>	<b>B34</b>	<b>47</b>
<b>D &amp; J TRUCKING</b>	<b>2659 68TH STREET</b>	<b>W 1/8 - 1/4 (0.165 mi.)</b>	<b>58</b>	<b>74</b>

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 10 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EASTMONT AUTO GOODYE</b> Reg Id: 01-2415	<b>7250 BANCROFT</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>B25</b>	<b>33</b>
<b>BETTER HOMES REALTY</b> Reg Id: 01-0988	<b>6821 FOOTHILL BLVD</b>	<b>N 0 - 1/8 (0.096 mi.)</b>	<b>D43</b>	<b>65</b>
<b>FIRESTONE #36F1</b> Reg Id: 01-0889	<b>2701 073RD AVE</b>	<b>ENE 1/8 - 1/4 (0.159 mi.)</b>	<b>G56</b>	<b>71</b>
<b>OAKLAND FIRE STATION</b> Reg Id: 01-0636	<b>7100 FOOTHILL BLVD</b>	<b>ENE 1/8 - 1/4 (0.205 mi.)</b>	<b>H62</b>	<b>76</b>
<b>BEACON</b> Reg Id: 01-2481	<b>6600 FOOTHILL BLVD</b>	<b>NW 1/8 - 1/4 (0.212 mi.)</b>	<b>I67</b>	<b>83</b>
<b>AUTO COLLISION CENTE</b> Reg Id: 01-0956	<b>6436 FOOTHILL BLVD</b>	<b>NW 1/4 - 1/2 (0.302 mi.)</b>	<b>78</b>	<b>99</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EASTMONT MALL JC PEN</b> Reg Id: 01-0819	<b>1 EASTMONT MALL</b>	<b>SW 0 - 1/8 (0.003 mi.)</b>	<b>A27</b>	<b>34</b>
<b>EASTMONT MALL</b> Reg Id: 01-1942	<b>1 EASTMONT MALL</b>	<b>SW 0 - 1/8 (0.003 mi.)</b>	<b>A28</b>	<b>34</b>
<b>BP OIL CO FAC SITE N</b> Reg Id: 01-0215	<b>7210 BANCROFT AVE</b>	<b>SE 0 - 1/8 (0.006 mi.)</b>	<b>B31</b>	<b>37</b>
<b>CHEVRON USA INC SERV</b> Reg Id: 01-2263	<b>7225 BANCROFT AVE</b>	<b>SSE 0 - 1/8 (0.019 mi.)</b>	<b>B34</b>	<b>47</b>



## EXECUTIVE SUMMARY

Notify 65: 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.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO SERVICE STATION	6235 SEMINARY AVENUE	NNE 1/2 - 1 (0.820 mi.)	80	106
<b>TUNE UP MASTERS #314</b>	<b>5525 BANCROFT AVE</b>	<b>WNW 1/2 - 1 (0.993 mi.)</b>	<b>82</b>	<b>107</b>

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 02/18/2015 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DIAMOND CLEANERS</b>	<b>6816 BANCROFT AVE</b>	<b>NW 0 - 1/8 (0.043 mi.)</b>	<b>C40</b>	<b>58</b>
EPA Id: CAL000008717				

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 19 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6821 FOOTHILL BLVD	N 0 - 1/8 (0.096 mi.)	D44	66
PACIFIC SERVICE STAT	6800 FOOTHILL BLVD	N 0 - 1/8 (0.096 mi.)	D45	67
Not reported	6818 FOOTHILL BLVD	N 0 - 1/8 (0.098 mi.)	D46	67
NEWTON H H	6739 FOOTHILL BLVD	NNW 0 - 1/8 (0.104 mi.)	E47	68
BEASLEY S AUTO MATIC	6690 BANCROFT AVE	NW 0 - 1/8 (0.114 mi.)	F49	70
THOMPSON WM	6701 FOOTHILL BLVD	NNW 0 - 1/8 (0.115 mi.)	E50	70
MIDDLETON E D	6697 FOOTHILL BLVD	NNW 0 - 1/8 (0.118 mi.)	E51	70
Not reported	2637 75TH AVE	ESE 1/8 - 1/4 (0.129 mi.)	52	70
Not reported	6672 BANCROFT AVE	NW 1/8 - 1/4 (0.141 mi.)	F54	71
Not reported	6608 BRANN ST	NNW 1/8 - 1/4 (0.190 mi.)	61	76
MATHIAS R F	6601 FOOTHILL BLVD	NW 1/8 - 1/4 (0.206 mi.)	I63	78

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6600 FOOTHILL BLVD	NW 1/8 - 1/4 (0.207 mi.)	I64	78
EVANS BURT	6548 FOOTHILL BLVD	NW 1/8 - 1/4 (0.226 mi.)	I71	95
STOUT C S	7200 MACARTHUR BLV	ENE 1/8 - 1/4 (0.231 mi.)	H72	96
GAMMILL J C	8934 FOOTHILL BLVD	ENE 1/8 - 1/4 (0.243 mi.)	K74	96
KNOX E M	9124 FOOTHILL BLVD	ENE 1/8 - 1/4 (0.245 mi.)	K77	98

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	7250 BANCROFT AVE	SE 0 - 1/8 (0.005 mi.)	B29	36
Not reported	7225 BANCROFT AVE	SSE 0 - 1/8 (0.019 mi.)	B37	56
Not reported	7314 FRESNO ST	S 1/8 - 1/4 (0.162 mi.)	57	74

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 7 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6816 BANCROFT AVE	NW 0 - 1/8 (0.043 mi.)	C39	57
Not reported	6800 BANCROFT AVE	NW 0 - 1/8 (0.050 mi.)	C41	64
LYONS DRY CLEANERS	6680 BANCROFT AVE	NW 1/8 - 1/4 (0.130 mi.)	F53	71
ONE HOUR MARTINIZING	6643 BANCROFT AVE	NW 1/8 - 1/4 (0.184 mi.)	60	76
LEAVEN F D	2766 73RD AVE	ENE 1/8 - 1/4 (0.222 mi.)	K70	94
MY VALET CLEANERS C&	6524 FOOTHILL BLVD	NW 1/8 - 1/4 (0.235 mi.)	I73	96

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2235 CHURCH ST	WSW 1/8 - 1/4 (0.182 mi.)	59	75

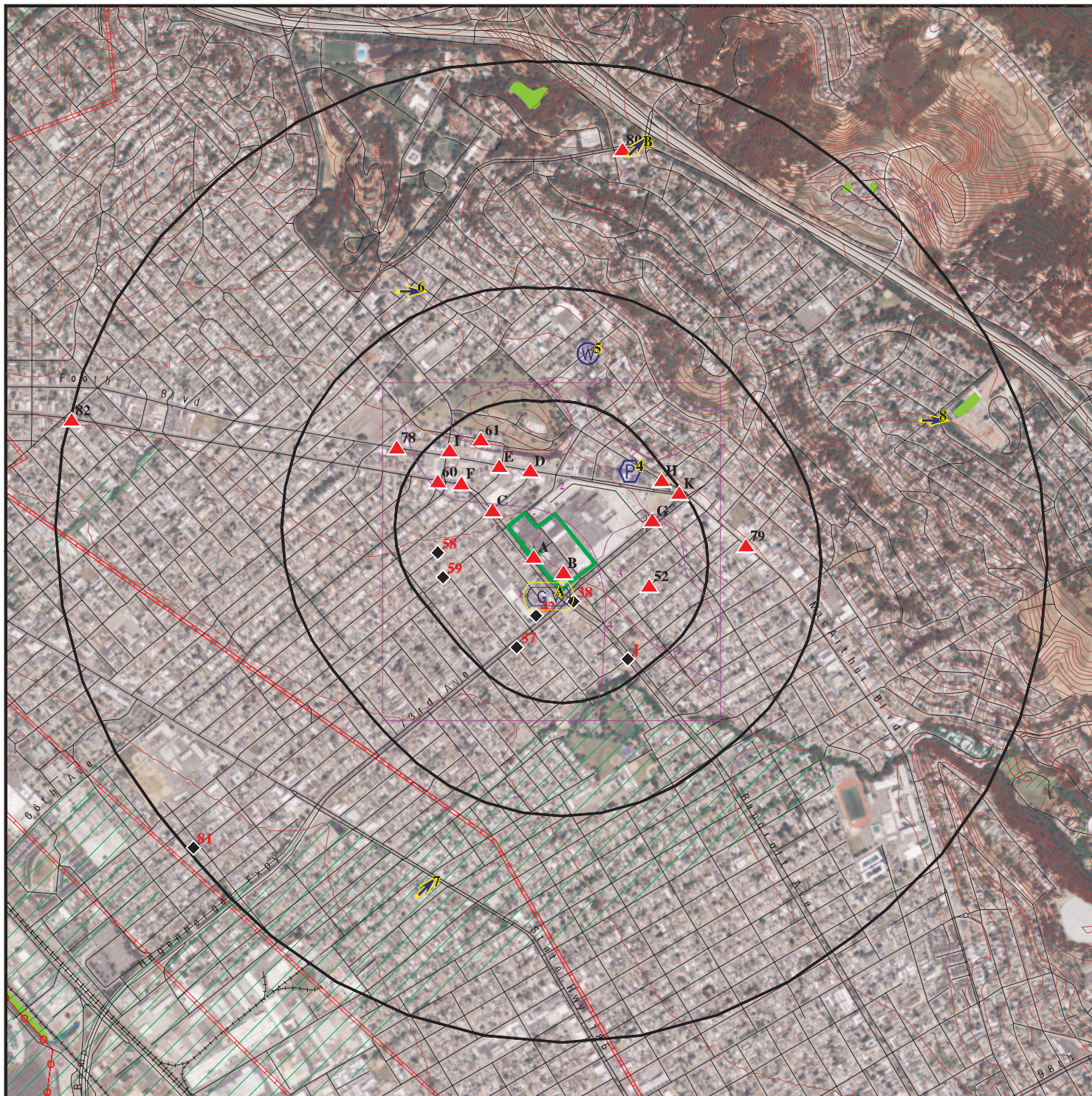
## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

<u>Site Name</u>	<u>Database(s)</u>
ELMHURST BUSINESS PARK	Alameda County CS
VERDESE CARTER PARK	Alameda County CS
STOP N GO GAS STATION	Alameda County CS
BRANN STREET MERCURY	CERCLIS
PORT OF OAKLAND EZBH SITE	VCP, ENVIROSTOR
WHITTIER ELEMENTARY	SCH, ENVIROSTOR
WOODLAND ELEMENTARY SCHOOL	SCH, ENVIROSTOR
INTERNATIONAL BOULEVARD SITE	SCH, ENVIROSTOR
U-HAUL/YUMAE SCHOOL SITE	SCH, ENVIROSTOR



# OVERVIEW MAP - 04383142.1R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

0 1/4 1/2 1 Miles



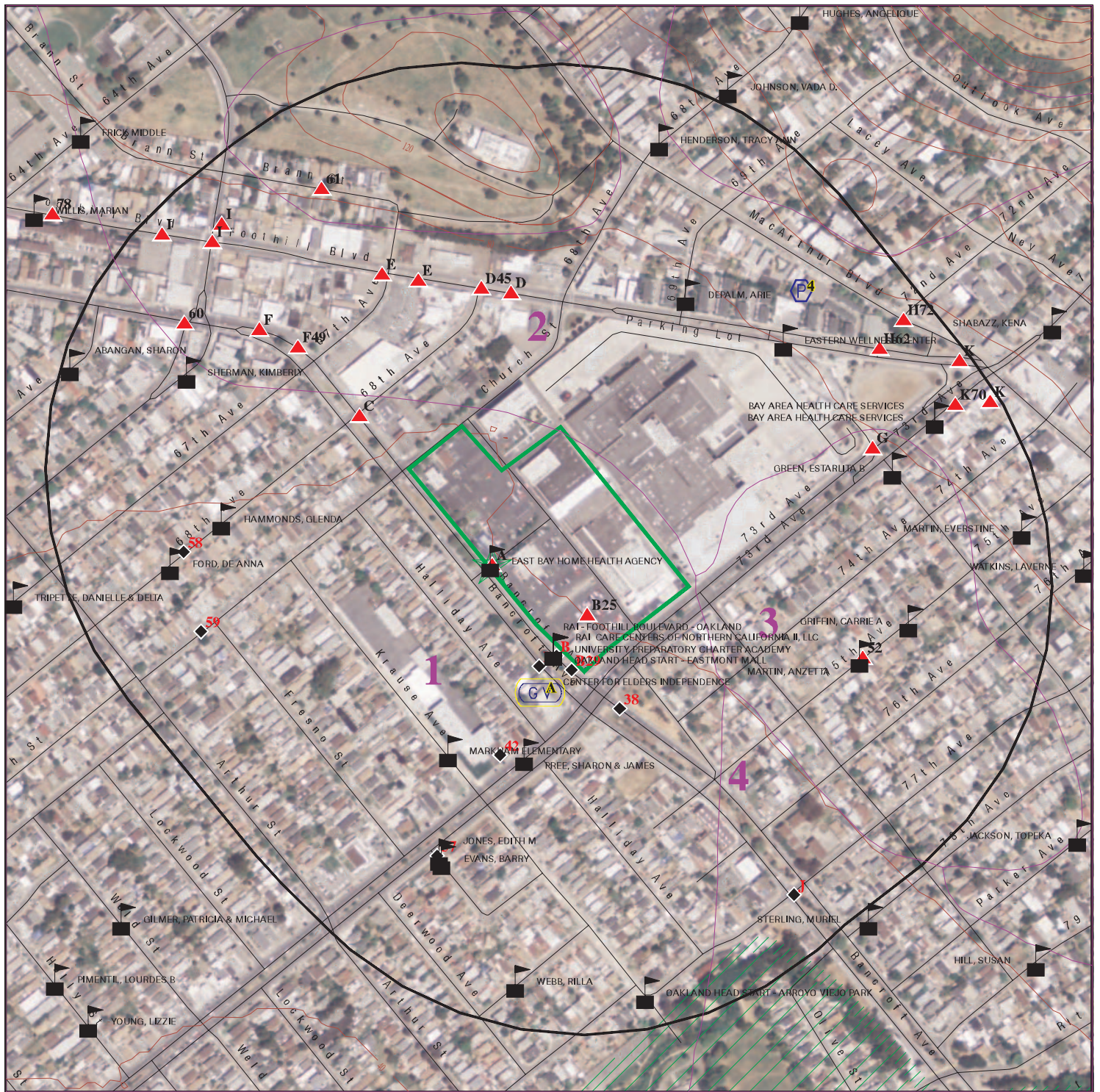
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Eastmont Town Center  
ADDRESS: 7000 - 7200 Bancroft Avenue  
Oakland CA 94605  
LAT/LONG: 37.7672 / 122.1783

CLIENT: EnviroBusiness, Inc.  
CONTACT: Amy C. Zach  
INQUIRY #: 04383142.1r  
DATE: August 14, 2015 9:24 am



# DETAIL MAP - 04383142.1R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Eastmont Town Center  
ADDRESS: 7000 - 7200 Bancroft Avenue  
Oakland CA 94605  
LAT/LONG: 37.7672 / 122.1783

CLIENT: EnviroBusiness, Inc.  
CONTACT: Amy C. Zach  
INQUIRY #: 04383142.1r  
DATE: August 14, 2015 9:25 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250	2	0	0	NR	NR	NR	2
RCRA-SQG	0.250		1	1	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
ENVIROSTOR	1.000		1	0	0	1	NR	2
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		6	5	2	NR	NR	13



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500	1	0	0	0	NR	NR	1
Alameda County CS	0.500	1	4	3	2	NR	NR	10
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST	0.250		2	1	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		1	0	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST	0.250		3	3	NR	NR	NR	6
HIST UST	0.250		3	4	NR	NR	NR	7
SWEEPS UST	0.250		3	3	NR	NR	NR	6
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	4	NR	NR	NR	NR	NR	4
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		6	3	1	NR	NR	10
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
DRYCLEANERS	0.250	1	1	0	NR	NR	NR	2
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	14	NR	NR	NR	NR	NR	14
EMI	TP	2	NR	NR	NR	NR	NR	2
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		9	10	NR	NR	NR	19
EDR US Hist Cleaners	0.250	1	2	5	NR	NR	NR	8
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		26	43	39	5	3	0	116

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**A1**  
**Target**  
**Property**

**AUTOZONE #3371**  
**7200 BANCROFT AVENUE**  
**OAKLAND, CA 94605**

**FINDS** **1008380329**  
**N/A**

**Site 1 of 27 in cluster A**

**Actual:**  
**60 ft.**

**FINDS:**

Registry ID: 110022505154

Environmental Interest/Information System

UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

**A2**  
**Target**  
**Property**

**SPARKLE CLEANERS**  
**7000 BANCROFT AVENUE**  
**OAKLAND, CA 94605**

**RCRA-LQG** **1011488224**  
**CAR000193839**

**Site 2 of 27 in cluster A**

**Actual:**  
**60 ft.**

**RCRA-LQG:**

Date form received by agency: 07/28/2008

Facility name: SPARKLE CLEANERS

Facility address: 7000 BANCROFT AVENUE  
OAKLAND, CA 94605

EPA ID: CAR000193839

Mailing address: SW FIFTH AVENUE  
SUITE 2600

PORTLAND, OR 97204

Contact: KATHLEEN M SCHULTZ

Contact address: SW FIFTH AVENUE SUITE 2600

PORTLAND, OR 97204

Contact country: US

Contact telephone: (503) 220-2600

Contact email: KMSCHULTZ@SKBCOS.COM

EPA Region: 09

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: SKB-EASTMONT OAKLAND ASSOCIATES, LLC

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPARKLE CLEANERS (Continued)**

**1011488224**

Owner/Operator Type: Owner  
Owner/Op start date: 03/09/2007  
Owner/Op end date: Not reported

Owner/operator name: SKB-EASTMONT OAKLAND ASSOCIATES, LLC  
Owner/operator address: Not reported  
Not reported

Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 03/09/2007  
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

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

**A3  
Target  
Property**

**7000 BANCROFT AVE  
OAKLAND, CA 94605**

**EDR US Hist Cleaners 1015088602  
N/A**

**Site 3 of 27 in cluster A**

**Actual:  
60 ft.**

**EDR Historical Cleaners:**

Name: SPARKLE CLEANERS  
Year: 2003  
Address: 7000 BANCROFT AVE

Name: SPARKLE CLEANERS  
Year: 2004  
Address: 7000 BANCROFT AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015088602

Name: SPARKLE CLEANERS  
Year: 2006  
Address: 7000 BANCROFT AVE

Name: SPARKLE CLEANERS  
Year: 2010  
Address: 7000 BANCROFT AVE

Name: SPARKLE CLEANERS  
Year: 2011  
Address: 7000 BANCROFT AVE

Name: SPARKLE CLEANERS  
Year: 2012  
Address: 7000 BANCROFT AVE

**A4**  
**Target**  
**Property**

**AUTOZONE #3371**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET** **S113134230**  
**N/A**

**Site 4 of 27 in cluster A**

**Actual:**  
**60 ft.**

HAZNET:

envid: S113134230  
Year: 2013  
GEPAID: CAL000287107  
Contact: Bryan Blair  
Telephone: 9014957217  
Mailing Name: Not reported  
Mailing Address: DEPT 8190, 123 S FRONT ST  
Mailing City,St,Zip: MEMPHIS, TN 38103  
Gen County: Alameda  
TSD EPA ID: CAD980675276  
TSD County: Kern  
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: 0.05  
Facility County: Not reported

envid: S113134230  
Year: 2013  
GEPAID: CAL000287107  
Contact: Bryan Blair  
Telephone: 9014957217  
Mailing Name: Not reported  
Mailing Address: DEPT 8190, 123 S FRONT ST  
Mailing City,St,Zip: MEMPHIS, TN 38103  
Gen County: Alameda  
TSD EPA ID: TXD077603371  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.05  
Facility County: Not reported

envid: S113134230

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTOZONE #3371 (Continued)**

**S113134230**

Year: 2013  
GEPAID: CAL000287107  
Contact: Bryan Blair  
Telephone: 9014957217  
Mailing Name: Not reported  
Mailing Address: DEPT 8190, 123 S FRONT ST  
Mailing City,St,Zip: MEMPHIS, TN 38103  
Gen County: Alameda  
TSD EPA ID: NVD980895338  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.007  
Facility County: Not reported

envid: S113134230  
Year: 2013  
GEPAID: CAL000287107  
Contact: Bryan Blair  
Telephone: 9014957217  
Mailing Name: Not reported  
Mailing Address: DEPT 8190, 123 S FRONT ST  
Mailing City,St,Zip: MEMPHIS, TN 38103  
Gen County: Alameda  
TSD EPA ID: NVD980895338  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Neutralization Only  
Tons: 0.0025  
Facility County: Not reported

envid: S113134230  
Year: 2013  
GEPAID: CAL000287107  
Contact: Bryan Blair  
Telephone: 9014957217  
Mailing Name: Not reported  
Mailing Address: DEPT 8190, 123 S FRONT ST  
Mailing City,St,Zip: MEMPHIS, TN 38103  
Gen County: Alameda  
TSD EPA ID: NVD980895338  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.0285  
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
20 additional CA\_HAZNET: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A5**  
**Target**  
**Property**  
**SPARKLE CLEANERS**  
**7000 BANCROFT AVE**  
**OAKLAND, CA 94605**

**FINDS** **1005774545**  
**N/A**

**Site 5 of 27 in cluster A**

**Actual:**  
**60 ft.**

**FINDS:**

Registry ID: 110010486562

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

**A6**  
**Target**  
**Property**  
**EASTMONT TOWN CENTER**  
**7200 BANCROFT AVE STE 1**  
**OAKLAND, CA 94605**

**HAZNET** **S117281820**  
**N/A**

**Site 6 of 27 in cluster A**

**Actual:**  
**60 ft.**

**HAZNET:**

envid: S117281820  
Year: 2013  
GEPAID: CAC002715586  
Contact: EASTMONT TOWN CENTER  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 7200 BANCROFT AVE STE 1  
Mailing City,St,Zip: OAKLAND, CA 946052413  
Gen County: Alameda  
TSD EPA ID: CAD981382732  
TSD County: Alameda  
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: 35.2  
Facility County: Not reported

**A7**  
**Target**  
**Property**  
**THRIFTY #6796**  
**7100 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET** **S113072454**  
**N/A**

**Site 7 of 27 in cluster A**

**Actual:**  
**60 ft.**

**HAZNET:**

envid: S113072454  
Year: 1995  
GEPAID: CAL000127882  
Contact: THRIFTY -PAYLESS INC  
Telephone: 5106386339  
Mailing Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THRIFTY #6796 (Continued)**

**S113072454**

Mailing Address: 7100 BANCROFT AVE  
Mailing City,St,Zip: OAKLAND, CA 946052406  
Gen County: Not reported  
TSD EPA ID: AZD983476680  
TSD County: Not reported  
Waste Category: Polychlorinated biphenyls and material containing PCBs  
Disposal Method: Not reported  
Tons: .7000  
Facility County: 1

**A8  
Target  
Property**

**SPARKLE KLEAN CLEANERS  
7000 BANCROFT AVE STE 11  
OAKLAND, CA 94605**

**HAZNET S113041551  
N/A**

**Site 8 of 27 in cluster A**

**Actual:  
60 ft.**

**HAZNET:**

envid: S113041551  
Year: 1999  
GEPAID: CAL000048547  
Contact: JUNG Y SHIN  
Telephone: 5105698293  
Mailing Name: Not reported  
Mailing Address: 7000 BANCROFT AVE STE 11  
Mailing City,St,Zip: OAKLAND, CA 946052404  
Gen County: Not reported  
TSD EPA ID: CAD981397417  
TSD County: Not reported  
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)  
Disposal Method: Recycler  
Tons: .0200  
Facility County: 1

envid: S113041551  
Year: 1999  
GEPAID: CAL000048547  
Contact: JUNG Y SHIN  
Telephone: 5105698293  
Mailing Name: Not reported  
Mailing Address: 7000 BANCROFT AVE STE 11  
Mailing City,St,Zip: OAKLAND, CA 946052404  
Gen County: Not reported  
TSD EPA ID: CAD981397417  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Recycler  
Tons: .0000  
Facility County: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A9**  
**Target**  
**Property**

**SPARKLE CLEANERS**  
**7000 BANCROFT AVE**  
**OAKLAND, CA 94605**

**EMI** **S105266056**  
**N/A**

**Site 9 of 27 in cluster A**

**Actual:**  
**60 ft.**

EMI:

Year: 1995  
County Code: 1  
Air Basin: SF  
Facility ID: 6284  
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: 1996  
County Code: 1  
Air Basin: SF  
Facility ID: 6284  
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: 1997  
County Code: 1  
Air Basin: SF  
Facility ID: 6284  
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: 1998



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPARKLE CLEANERS (Continued)**

**S105266056**

County Code: 1  
Air Basin: SF  
Facility ID: 6284  
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: 1  
Air Basin: SF  
Facility ID: 6284  
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: 1  
Air Basin: SF  
Facility ID: 6284  
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: 1  
Air Basin: SF  
Facility ID: 6284  
Air District Name: BA  
SIC Code: 7216  
Air District Name: BAY AREA AQMD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPARKLE CLEANERS (Continued)**

**S105266056**

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:	2004
County Code:	1
Air Basin:	SF
Facility ID:	6284
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:	0.32
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:	2005
County Code:	1
Air Basin:	SF
Facility ID:	6284
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:	2006
County Code:	1
Air Basin:	SF
Facility ID:	6284
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:	.27
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPARKLE CLEANERS (Continued)**

**S105266056**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	6284
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:	.067
Reactive Organic Gases Tons/Yr:	.0468062
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 & Smlr Tons/Yr:	0
Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	6284
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:	.067
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 & Smlr Tons/Yr:	0
Year:	2009
County Code:	1
Air Basin:	SF
Facility ID:	6284
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:	6.7000000000000004E-2
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 & Smlr Tons/Yr:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A10**  
**Target**  
**Property**  
**EASTMONT OAKLAND ASSOCIATES LLC**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET**  
**S112969233**  
**N/A**

**Site 10 of 27 in cluster A**

**Actual:**  
**60 ft.**

HAZNET:  
envid: S112969233  
Year: 2008  
GEPAID: CAC002628856  
Contact: GARY SEUBERTH  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 7200 BANCROFT AVE  
Mailing City,St,Zip: OAKLAND, CA 946052403  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 20  
Facility County: Alameda

**A11**  
**Target**  
**Property**  
**EASTMONT TOWN CENTER LLC**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET**  
**S112958253**  
**N/A**

**Site 11 of 27 in cluster A**

**Actual:**  
**60 ft.**

HAZNET:  
envid: S112958253  
Year: 2007  
GEPAID: CAC002611477  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 946052409  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: M132  
Tons: 0.4  
Facility County: Alameda  
  
envid: S112958253  
Year: 2006  
GEPAID: CAC002611477  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 946052409  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: M132

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTMONT TOWN CENTER LLC (Continued)**

**S112958253**

Tons: 1.68  
Facility County: Alameda

**A12**  
**Target**  
**Property**  
**CITY OF OAKLAND, ENVR SCVS DIV**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**FINDS** **1011988054**  
**N/A**

**Site 12 of 27 in cluster A**

**Actual:**  
**60 ft.**

**FINDS:**

Registry ID: 110038003978

Environmental Interest/Information System  
CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

**A13**  
**Target**  
**Property**  
**CVS PHARMACY NO 8431**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**FINDS** **1015950655**  
**N/A**

**Site 13 of 27 in cluster A**

**Actual:**  
**60 ft.**

**FINDS:**

Registry ID: 110055055620

Environmental Interest/Information System  
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**A14**  
**Target**  
**Property**  
**SPARKLE CLEANERS**  
**7000 BANCROFT AVE**  
**OAKLAND, CA 94605**

**SLIC** **S108418426**  
**Alameda County CS** **N/A**  
**DRYCLEANERS**

**Site 14 of 27 in cluster A**

**Actual:**  
**60 ft.**

**SLIC:**

Region: STATE  
**Facility Status:** **Open - Verification Monitoring**  
Status Date: 08/16/2007  
Global Id: SLT19735483  
Lead Agency: ALAMEDA COUNTY LOP  
Lead Agency Case Number: RO0002942  
Latitude: 37.767212  
Longitude: -122.177738  
Case Type: Cleanup Program Site  
Case Worker: JTW  
Local Agency: ALAMEDA COUNTY LOP  
RB Case Number: NA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPARKLE CLEANERS (Continued)**

**S108418426**

File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affected: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Other Chlorinated Hydrocarbons  
Site History: A soil removal was conducted at a dry cleaning facility within this shopping center. Verification groundwater monitoring has been ongoing.  
Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Alameda County CS:**

Status: Leak Confirmation  
Record Id: RO0002942  
PE: 5502

Status: Preliminary Site Assessment Workplan Submitted  
Record Id: RO0002942  
PE: 5502

Status: Pollution Characterization  
Record Id: RO0002942  
PE: 5502

Status: Remedial Action Underway  
Record Id: RO0002942  
PE: 5502

Status: Verificaiton Monitoring Underway  
Record Id: RO0002942  
PE: 5502

**DRYCLEANERS:**

EPA Id: CAR000193839  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 08/19/2008  
Facility Active: No  
Inactive Date: 06/30/2009  
Facility Addr2: Not reported  
Owner Name: SKB-EASTMONT OAKLAND ASSOC LLC  
Owner Address: 1211 SW FIFTH AVE STE 2600  
Owner Address 2: Not reported  
Owner Telephone: 5033222600  
Contact Name: KATHLEEN M SCHULTZ  
Contact Address: 1211 SW FIFTH AVE STE 2600  
Contact Address 2: Not reported  
Contact Telephone: 5033222600  
Mailing Name: Not reported  
Mailing Address 1: 1211 SW FIFTH AVE STE 2600  
Mailing Address 2: Not reported  
Mailing City: PORTLAND  
Mailing State: OR  
Mailing Zip: 972040000  
Owner Fax: Not reported  
Region Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A15** CITY OF OAKLAND, ENVR SCVS DIV  
**Target** 7200 BANCROFT AVE  
**Property** OAKLAND, CA 94605

**EMI** S107621604  
N/A

**Site 15 of 27 in cluster A**

**Actual:**  
**60 ft.**

EMI:

Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	13603
Air District Name:	BA
SIC Code:	9221
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:	0.13
Reactive Organic Gases Tons/Yr:	0.108771
Carbon Monoxide Emissions Tons/Yr:	0.126
NOX - Oxides of Nitrogen Tons/Yr:	1.067
SOX - Oxides of Sulphur Tons/Yr:	0.025
Particulate Matter Tons/Yr:	0.014
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.013664

Year: 2005

County Code:	1
Air Basin:	SF
Facility ID:	13603
Air District Name:	BA
SIC Code:	9221
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:	.13
Reactive Organic Gases Tons/Yr:	.108771
Carbon Monoxide Emissions Tons/Yr:	.126
NOX - Oxides of Nitrogen Tons/Yr:	1.067
SOX - Oxides of Sulphur Tons/Yr:	.025
Particulate Matter Tons/Yr:	.014
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.013664

Year: 2006

County Code:	1
Air Basin:	SF
Facility ID:	13603
Air District Name:	BA
SIC Code:	9221
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:	.13
Reactive Organic Gases Tons/Yr:	.108771
Carbon Monoxide Emissions Tons/Yr:	.126
NOX - Oxides of Nitrogen Tons/Yr:	1.067
SOX - Oxides of Sulphur Tons/Yr:	.025
Particulate Matter Tons/Yr:	.014
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.013664

Year: 2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF OAKLAND, ENVR SCVS DIV (Continued)**

**S107621604**

County Code: 1  
Air Basin: SF  
Facility ID: 13603  
Air District Name: BA  
SIC Code: 9221  
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: .13  
Reactive Organic Gases Tons/Yr: .108771  
Carbon Monoxide Emissions Tons/Yr: .126  
NOX - Oxides of Nitrogen Tons/Yr: 1.067  
SOX - Oxides of Sulphur Tons/Yr: .025  
Particulate Matter Tons/Yr: .014  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .013664

Year: 2008  
County Code: 1  
Air Basin: SF  
Facility ID: 13603  
Air District Name: BA  
SIC Code: 9221  
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: .003  
Reactive Organic Gases Tons/Yr: .0025101  
Carbon Monoxide Emissions Tons/Yr: .002  
NOX - Oxides of Nitrogen Tons/Yr: .019  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2009  
County Code: 1  
Air Basin: SF  
Facility ID: 13603  
Air District Name: BA  
SIC Code: 9221  
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: 3.0000000000000001E-3  
Reactive Organic Gases Tons/Yr: 2.5100999999999999E-3  
Carbon Monoxide Emissions Tons/Yr: 0.002  
NOX - Oxides of Nitrogen Tons/Yr: 0.019  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2010  
County Code: 1  
Air Basin: SF  
Facility ID: 13603  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF OAKLAND, ENVR SCVS DIV (Continued)**

**S107621604**

Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 8.367000000000001E-4  
Carbon Monoxide Emissions Tons/Yr: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 8.999999999999993E-3  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2011  
County Code: 1  
Air Basin: SF  
Facility ID: 13603  
Air District Name: BA  
SIC Code: 9221  
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: 0.001  
Reactive Organic Gases Tons/Yr: 0.0008367  
Carbon Monoxide Emissions Tons/Yr: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 0.009  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2012  
County Code: 1  
Air Basin: SF  
Facility ID: 13603  
Air District Name: BA  
SIC Code: 9221  
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: 0.001  
Reactive Organic Gases Tons/Yr: 0.0008367  
Carbon Monoxide Emissions Tons/Yr: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 0.009  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

**A16**  
**Target**  
**Property**

**EASTMONT TOWN CENTER CO LLC**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET S112932298**  
**N/A**

**Site 16 of 27 in cluster A**

**Actual:**  
**60 ft.**

HAZNET:  
  envid: S112932298  
  Year: 2004  
  GEPAID: CAC002569351  
  Contact: ROBERT BRIDWELL  
  Telephone: 5106321131  
  Mailing Name: Not reported  
  Mailing Address: 7200 BANCROFT AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTMONT TOWN CENTER CO LLC (Continued)**

**S112932298**

Mailing City,St,Zip: OAKLAND, CA 946050000  
Gen County: Not reported  
TSD EPA ID: CAL000190080  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 1.68  
Facility County: Alameda

envid: S112932298  
Year: 2003  
GEPAID: CAC002569351  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 7200 BANCROFT AVE  
Mailing City,St,Zip: OAKLAND, CA 946050000  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 203.11  
Facility County: Alameda

**A17  
Target  
Property**

**EASTMONT TOWN CENTER LLC  
7200 BANCROFT AVE  
OAKLAND, CA 94605**

**HAZNET S112936858  
N/A**

**Site 17 of 27 in cluster A**

**Actual:  
60 ft.**

HAZNET:  
envid: S112936858  
Year: 2004  
GEPAID: CAC002576414  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 94605  
Gen County: Not reported  
TSD EPA ID: AZD009015389  
TSD County: Not reported  
Waste Category: Polychlorinated biphenyls and material containing PCBs  
Disposal Method: Not reported  
Tons: 0.16  
Facility County: Alameda

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A18**  
**Target**  
**Property**  
**EASTMONT TOWN CENTER LLC**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET**  
**S112946736**  
**N/A**

**Site 18 of 27 in cluster A**

**Actual:**  
**60 ft.**

HAZNET:  
envid: S112946736  
Year: 2006  
GEPAID: CAC002592409  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 94605  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 21.07  
Facility County: Alameda

envid: S112946736  
Year: 2006  
GEPAID: CAC002592409  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 94605  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Not reported  
Tons: 21.07  
Facility County: Alameda

envid: S112946736  
Year: 2006  
GEPAID: CAC002592409  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 94605  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 29.49  
Facility County: Alameda

envid: S112946736  
Year: 2006  
GEPAID: CAC002592409  
Contact: ROBERT BRIDWELL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTMONT TOWN CENTER LLC (Continued)**

**S112946736**

Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 94605  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 2.52  
Facility County: Alameda

envid: S112946736  
Year: 2006  
GEPAID: CAC002592409  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 94605  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 1.68  
Facility County: Alameda

[Click this hyperlink](#) while viewing on your computer to access  
2 additional CA\_HAZNET: record(s) in the EDR Site Report.

**A19** **EASTMONT TOWN CENTER LLC**  
**Target** **7200 BANCROFT AVE**  
**Property** **OAKLAND, CA 94605**

**HAZNET** **S112952020**  
**N/A**

**Site 19 of 27 in cluster A**

**Actual:**  
**60 ft.**

HAZNET:  
envid: S112952020  
Year: 2006  
GEPAID: CAC002601311  
Contact: ROBERT BRIDWELL  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 6955 FOOTHILL BLVD STE 100  
Mailing City,St,Zip: OAKLAND, CA 946052409  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Recycler  
Tons: 0.84  
Facility County: Alameda

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A20**  
**Target**  
**Property**  
**CVS PHARMACY #8431**  
**7200 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET** **S113801997**  
**N/A**

**Site 20 of 27 in cluster A**

**Actual:**  
**60 ft.**

**HAZNET:**

envid: S113801997  
Year: 2013  
GEPAID: CAR000233940  
Contact: Wendy Brant  
Telephone: 4017651500  
Mailing Name: Not reported  
Mailing Address: 1 CVS DR  
Mailing City,St,Zip: WOONSOCKET, RI 02895  
Gen County: Alameda  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.0175  
Facility County: Not reported

envid: S113801997  
Year: 2013  
GEPAID: CAR000233940  
Contact: Wendy Brant  
Telephone: 4017651500  
Mailing Name: Not reported  
Mailing Address: 1 CVS DR  
Mailing City,St,Zip: WOONSOCKET, RI 02895  
Gen County: Alameda  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Not reported  
Tons: 0.0055  
Facility County: Not reported

envid: S113801997  
Year: 2013  
GEPAID: CAR000233940  
Contact: Wendy Brant  
Telephone: 4017651500  
Mailing Name: Not reported  
Mailing Address: 1 CVS DR  
Mailing City,St,Zip: WOONSOCKET, RI 02895  
Gen County: Alameda  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.0015  
Facility County: Not reported

envid: S113801997  
Year: 2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY #8431 (Continued)**

**S113801997**

GEPAID: CAR000233940  
Contact: Wendy Brant  
Telephone: 4017651500  
Mailing Name: Not reported  
Mailing Address: 1 CVS DR  
Mailing City,St,Zip: WOONSOCKET, RI 02895  
Gen County: Alameda  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.008  
Facility County: Not reported  
  
envid: S113801997  
Year: 2013  
GEPAID: CAR000233940  
Contact: Wendy Brant  
Telephone: 4017651500  
Mailing Name: Not reported  
Mailing Address: 1 CVS DR  
Mailing City,St,Zip: WOONSOCKET, RI 02895  
Gen County: Alameda  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Not reported  
Tons: 0.0105  
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
9 additional CA\_HAZNET: record(s) in the EDR Site Report.

**A21**  
**Target**  
**Property**

**SPARKLE CLEANERS**  
**7000 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HAZNET** **S113178657**  
**N/A**

**Site 21 of 27 in cluster A**

**Actual:**  
**60 ft.**

HAZNET:  
envid: S113178657  
Year: 2008  
GEPAID: CAR000193839  
Contact: KATHLEEN M SCHULTZ  
Telephone: 5033222600  
Mailing Name: Not reported  
Mailing Address: 1211 SW FIFTH AVENUE SUITE 2600  
Mailing City,St,Zip: PORTLAND, OR 972040000  
Gen County: Not reported  
TSD EPA ID: CAD980675276  
TSD County: Not reported  
Waste Category: Contaminated soil from site clean-up  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 70.8  
Facility County: Alameda

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPARKLE CLEANERS (Continued)**

**S113178657**

envid: S113178657  
Year: 2008  
GEPaid: CAR000193839  
Contact: KATHLEEN M SCHULTZ  
Telephone: 5033222600  
Mailing Name: Not reported  
Mailing Address: 1211 SW FIFTH AVENUE SUITE 2600  
Mailing City,St,Zip: PORTLAND, OR 972040000  
Gen County: Not reported  
TSD EPA ID: CAD980675276  
TSD County: Not reported  
Waste Category: Contaminated soil from site clean-up  
Disposal Method: Not reported  
Tons: 17.7  
Facility County: Alameda

**A22  
Target  
Property**

**ABDO ALGAZZALI  
7000 BANCROFT AVE  
OAKLAND, CA 94605**

**HAZNET S112929410  
N/A**

**Site 22 of 27 in cluster A**

**Actual:  
60 ft.**

HAZNET:  
envid: S112929410  
Year: 2003  
GEPaid: CAC002564516  
Contact: ABDO ALGAZZALI  
Telephone: 5109101077  
Mailing Name: Not reported  
Mailing Address: 7838 INTERNATIONAL BLVD  
Mailing City,St,Zip: OAKLAND, CA 94621  
Gen County: Not reported  
TSD EPA ID: CAD028409019  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Transfer Station  
Tons: 0.63  
Facility County: Alameda

**A23  
Target  
Property**

**EASTMONT TOWN CENTER CO LLC  
7200 BANCROFT AVENUE  
OAKLAND, CA 94605**

**HAZNET S112876773  
N/A**

**Site 23 of 27 in cluster A**

**Actual:  
60 ft.**

HAZNET:  
envid: S112876773  
Year: 1998  
GEPaid: CAC001238360  
Contact: LIMITED LIABILITY COMPANY  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 1 EASTMONT TOWN CTR  
Mailing City,St,Zip: OAKLAND, CA 946050000  
Gen County: Not reported  
TSD EPA ID: CAD981382732

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTMONT TOWN CENTER CO LLC (Continued)**

**S112876773**

TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 96.9220  
Facility County: 1

envid: S112876773  
Year: 1997  
GEPAID: CAC001238360  
Contact: LIMITED LIABILITY COMPANY  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 1 EASTMONT TOWN CTR  
Mailing City,St,Zip: OAKLAND, CA 946050000  
Gen County: Not reported  
TSD EPA ID: CAL000027741  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Not reported  
Tons: 29.4980  
Facility County: 1

envid: S112876773  
Year: 1997  
GEPAID: CAC001238360  
Contact: LIMITED LIABILITY COMPANY  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 1 EASTMONT TOWN CTR  
Mailing City,St,Zip: OAKLAND, CA 946050000  
Gen County: Not reported  
TSD EPA ID: CAD028409019  
TSD County: Not reported  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Transfer Station  
Tons: 1.4500  
Facility County: 1

envid: S112876773  
Year: 1997  
GEPAID: CAC001238360  
Contact: LIMITED LIABILITY COMPANY  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 1 EASTMONT TOWN CTR  
Mailing City,St,Zip: OAKLAND, CA 946050000  
Gen County: Not reported  
TSD EPA ID: CAT080014079  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Transfer Station  
Tons: 3.3712  
Facility County: 1

envid: S112876773  
Year: 1997  
GEPAID: CAC001238360



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTMONT TOWN CENTER CO LLC (Continued)**

**S112876773**

Contact: LIMITED LIABILITY COMPANY  
Telephone: 5106321131  
Mailing Name: Not reported  
Mailing Address: 1 EASTMONT TOWN CTR  
Mailing City,St,Zip: OAKLAND, CA 946050000  
Gen County: Not reported  
TSD EPA ID: CAD981382732  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Not reported  
Tons: 32.0264  
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access  
4 additional CA\_HAZNET: record(s) in the EDR Site Report.

**A24** **CVS PHARMACY NO 8431**  
**Target** **7200 BANCROFT AVE**  
**Property** **OAKLAND, CA 94605**

**RCRA-LQG** **1015753063**  
**CAR000233940**

**Site 24 of 27 in cluster A**

**Actual:**  
**60 ft.**

RCRA-LQG:  
Date form received by agency: 01/03/2013  
Facility name: CVS PHARMACY NO 8431  
Facility address: 7200 BANCROFT AVE  
OAKLAND, CA 94605  
EPA ID: CAR000233940  
Mailing address: ONE CVS DR  
WOONSOCKET, RI 02895  
Contact: WENDY L BRANT  
Contact address: ONE CVS DR  
WOONSOCKET, RI 02895  
Contact country: US  
Contact telephone: 401-765-1500  
Contact email: WENDY.BRANT@CVSCAREMARK.COM  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:  
Owner/operator name: EASTMONT OAKLAND ASSOCIATES LLC  
Owner/operator address: 7200 BANCROFT AVE STE 1  
OAKLAND, CA 94605  
Owner/operator country: US  
Owner/operator telephone: 510-632-1131

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY NO 8431 (Continued)**

**1015753063**

Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 06/30/2010  
Owner/Op end date: Not reported  
  
Owner/operator name: GARFIELD BEACH CVS LLC  
Owner/operator address: Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 04/14/2012  
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  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: D001  
. Waste name: IGNITABLE WASTE  
  
. Waste code: D002  
. Waste name: CORROSIVE WASTE  
  
. Waste code: P001  
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%  
  
. Waste code: P042  
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE  
  
. Waste code: P075  
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS  
  
. Waste code: P081  
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B25**  
**EASTMONT AUTO GOODYEAR**  
**7250 BANCROFT**  
**OAKLAND, CA 94605**  
**< 1/8**  
**1 ft.**

**HIST CORTESE**  
**LUST**  
**S100934449**  
**N/A**

**Site 1 of 10 in cluster B**

**Relative:**  
**Higher**

HIST CORTESE:  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-2415

**Actual:**  
**60 ft.**

LUST REG 2:  
Region: 2  
Facility Id: 01-2415  
Facility Status: Leak being confirmed  
Case Number: 27  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: UNK  
Date Leak Confirmed: 9/24/1993  
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

**A26**  
**SW**  
**< 1/8**  
**0.003 mi.**  
**16 ft.**  
**EASTMONT MALL NOR**  
**1 EASTMONT MALL**  
**OAKLAND, CA 94605**  
**Site 25 of 27 in cluster A**

**LUST**  
**S104732878**  
**N/A**

**Relative:**  
**Lower**

LUST REG 2:  
Region: 2  
Facility Id: 01-2499  
Facility Status: Preliminary site assessment underway  
Case Number: 01-2499  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: UNK  
Date Leak Confirmed: 1/20/1994  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 1/20/1994  
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

**Actual:**  
**59 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**A27**  
**SW**  
**< 1/8**  
**0.003 mi.**  
**16 ft.**  
**EASTMONT MALL JC PENNY**  
**1 EASTMONT MALL**  
**OAKLAND, CA 94605**  
**Site 26 of 27 in cluster A**

**HIST CORTESE** **S102429091**  
**N/A**

**Relative:** HIST CORTESE:  
**Lower** Region: CORTESE  
Facility County Code: 1  
**Actual:** Reg By: LTNKA  
**59 ft.** Reg Id: 01-0819

**A28**  
**SW**  
**< 1/8**  
**0.003 mi.**  
**16 ft.**  
**EASTMONT MALL**  
**1 EASTMONT MALL**  
**OAKLAND, CA 94605**  
**Site 27 of 27 in cluster A**

**HIST CORTESE** **S102429089**  
**LUST** **N/A**  
**Alameda County CS**

**Relative:** HIST CORTESE:  
**Lower** Region: CORTESE  
Facility County Code: 1  
**Actual:** Reg By: LTNKA  
**59 ft.** Reg Id: 01-1942

**LUST:**  
Region: STATE  
Global Id: T0600101797  
Latitude: 37.7676  
Longitude: -122.1763  
Case Type: Not reported  
Status: Completed - Case Closed  
Status Date: 04/16/1998  
Lead Agency: Not reported  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-1942  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**  
Global Id: T0600101797  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**  
Global Id: T0600101797  
Status: Completed - Case Closed  
Status Date: 04/16/1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTMONT MALL (Continued)**

**S102429089**

Global Id: T0600101797  
Status: Open - Case Begin Date  
Status Date: 09/26/1995

**Regulatory Activities:**

Global Id: T0600101797  
Action Type: ENFORCEMENT  
Date: 09/22/1995  
Action: File review

Global Id: T0600101797  
Action Type: Other  
Date: 10/23/1995  
Action: Leak Stopped

Global Id: T0600101797  
Action Type: Other  
Date: 09/26/1995  
Action: Leak Reported

Global Id: T0600101797  
Action Type: Other  
Date: 10/23/1995  
Action: Leak Discovery

Global Id: T0600101797  
Action Type: REMEDIATION  
Date: 09/09/9999  
Action: Excavation

**LUST REG 2:**

Region: 2  
Facility Id: 01-1942  
Facility Status: Case Closed  
Case Number: 114  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: UNK  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: 12/20/1989  
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

**Alameda County CS:**

Status: Leak Confirmation  
Record Id: RO0000614  
PE: 5602

Status: 12  
Record Id: RO0000614  
PE: 5602

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTMONT MALL (Continued)**

**S102429089**

Status: Case Closed  
Record Id: RO0000788  
PE: 5602

**B29**  
**SE**  
**< 1/8**  
**0.005 mi.**  
**27 ft.**

**7250 BANCROFT AVE**  
**OAKLAND, CA 94605**

**EDR US Hist Auto Stat** **1015617397**  
**N/A**

**Site 2 of 10 in cluster B**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: EASTMONT AUTO & TIRE CENTER  
Year: 1999

**Actual:**  
**57 ft.**

Address: 7250 BANCROFT AVE

Name: GOODYEAR EASTMONT AUTO  
Year: 2000  
Address: 7250 BANCROFT AVE

**B30**  
**SE**  
**< 1/8**  
**0.006 mi.**  
**30 ft.**

**MOBIL SERVICE STATION**  
**7210 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HIST UST** **U001599097**  
**N/A**

**Site 3 of 10 in cluster B**

**Relative:**  
**Lower**

HIST UST:

Region: STATE  
Facility ID: 00000039600  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: POM S. KIM  
Telephone: 4155629669  
Owner Name: MOBIL OIL CORPORATION  
Owner Address: 612 SO. FLOWER STREET  
Owner City,St,Zip: LOS ANGELES, CA 90017  
Total Tanks: 0004

**Actual:**  
**58 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: 1984  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor, Sensor Instrument, Pressure Test

Tank Num: 002  
Container Num: 2  
Year Installed: 1984  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor, Sensor Instrument, Pressure Test

Tank Num: 003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL SERVICE STATION (Continued)**

**U001599097**

Container Num: 3  
Year Installed: 1984  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor, Sensor Instrument, Pressure Test

Tank Num: 004  
Container Num: 4  
Year Installed: 1984  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor, Sensor Instrument, Pressure Test

**B31  
SE  
< 1/8  
0.006 mi.  
30 ft.**

**BP OIL CO FAC SITE NO 11117  
7210 BANCROFT AVE  
OAKLAND, CA 94605  
Site 4 of 10 in cluster B**

**HIST CORTESE  
LUST  
CA FID UST  
Alameda County CS  
SWEEPS UST  
S101580384  
N/A**

**Relative:  
Lower**

HIST CORTESE:  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0215

**Actual:  
58 ft.**

**LUST:**

Region: STATE  
Global Id: T0600100201  
Latitude: 37.766285  
Longitude: -122.176775  
Case Type: Not reported  
Status: Open - Remediation  
Status Date: 03/26/2012  
Lead Agency: Not reported  
Case Worker: KEN  
Local Agency: Not reported  
RB Case Number: 01-0215  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: In 1984, the former USTs were removed and three gasoline (6,000-gal, 10,000-gal, & 12,000-gal) and one 10,000-gal diesel UST were installed. In December 1989, Hunter Environmental Services installed one boring and four GW monitoring wells at Eastmont Mall, which included MW-3 located adjacent to the BP-leased property. On October 6, 1994, Hydro Environmental Technologies installed 2-inch diameter monitoring wells MW-7, MW-8, and MW-9. Elevated concentrations of petroleum hydrocarbons were detected in MW-1 & MW-4 with separate phase hydrocarbons in MW-2. In August 1998, three gasoline (6,000-gal, 10,000-gal, & 12,000-gal) and one 10,000-gal diesel UST were replaced with three 12,000-gal gasoline and one 10,000-gal diesel UST. On April 27 and 28, 2000, Cambria completed recovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

tests on newly installed wells EX-1, EX-2, and existing well MW-2. Interim remedial action consisting of short-term GW extraction was conducted. Approximately 11,000 gallons of water was extracted using a vacuum truck from three wells during 8 site visits. On October 29 through November 2, 2001, a DPE pilot test was performed using well MW-2 and MW-4 and extraction wells EX-1 and EX-2. On September 26 and 27, 2005, URS installed 5 onsite soil borings and four off-site borings to depths to delineate groundwater contamination. Elevated concentrations of petroleum hydrocarbons were detected at the site. Construction of a DPE system began in late 2007 and included installation of DPE wells DPE-1 through DPE-5, however the system was never started due to difficulties getting power to the site. In 2009, Antea group installed SVE/AS wells for a pilot test, however prior to implementing the test Antea oversaw the injection of Plume Stop without regulatory oversight. The Plume Stop injection has apparently mobilized the hydrocarbon mass at the site. GRO and benzene concentrations are indicative of free phase however due to submerged conditions of many of the existing monitoring wells at the site, free phase product may not be detected in the network. With the loss of the lease in 2014, the USTs were removed, the station demolished, tanks removed, and the well network destroyed. Secondary source has been identified in the 15- to 30-foot zone, bgs, in areas associated with the former tank pits and dispenser islands. Large diameter augering has been proposed for source removal following the in-progress delineation of the areas for excavation.

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0600100201  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0600100201  
Contact Type: Local Agency Caseworker  
Contact Name: KEITH NOWELL  
Organization Name: ALAMEDA COUNTY LOP  
Address: 1131 Harbor Bay Parkway  
City: ALAMEDA  
Email: keith.nowell@acgov.org  
Phone Number: 5105676764

**Status History:**

Global Id: T0600100201  
Status: Open - Case Begin Date  
Status Date: 01/05/1992

Global Id: T0600100201  
Status: Open - Remediation  
Status Date: 03/26/2012

Global Id: T0600100201



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

Status: Open - Site Assessment  
Status Date: 08/25/1992

Global Id: T0600100201  
Status: Open - Site Assessment  
Status Date: 01/27/1993

Global Id: T0600100201  
Status: Open - Site Assessment  
Status Date: 03/09/1995

**Regulatory Activities:**

Global Id: T0600100201  
Action Type: REMEDIATION  
Date: 08/14/1998  
Action: Excavation

Global Id: T0600100201  
Action Type: REMEDIATION  
Date: 10/29/2001  
Action: Dual Phase Extraction

Global Id: T0600100201  
Action Type: ENFORCEMENT  
Date: 07/30/2014  
Action: Staff Letter - #20140730

Global Id: T0600100201  
Action Type: ENFORCEMENT  
Date: 03/05/2015  
Action: Staff Letter - #20150305

Global Id: T0600100201  
Action Type: ENFORCEMENT  
Date: 05/09/2014  
Action: Staff Letter - #20140509

Global Id: T0600100201  
Action Type: ENFORCEMENT  
Date: 07/28/2009  
Action: Staff Letter - #20090728

Global Id: T0600100201  
Action Type: ENFORCEMENT  
Date: 10/02/2007  
Action: \* No Action - #20070210

Global Id: T0600100201  
Action Type: ENFORCEMENT  
Date: 07/16/2014  
Action: Technical Correspondence / Assistance / Other - #20140716

Global Id: T0600100201  
Action Type: ENFORCEMENT  
Date: 03/10/2015  
Action: Staff Letter - #20150310

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	05/30/2014
Action:	Meeting - #20140530
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	06/04/2014
Action:	Technical Correspondence / Assistance / Other - #20140604
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	12/18/2014
Action:	Staff Letter - #20141218
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	06/11/2015
Action:	Staff Letter - #20150611
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	09/11/2013
Action:	Correspondence
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	02/27/2015
Action:	Other Workplan
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	02/27/2015
Action:	Other Workplan
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	06/09/2014
Action:	Correspondence
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	08/29/2014
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	05/20/2014
Action:	Technical Correspondence / Assistance / Other - #520140520
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	07/29/2014
Action:	Staff Letter - #20140729
Global Id:	T0600100201
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

Date:	04/01/2015
Action:	Email Correspondence
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	07/18/2014
Action:	Well Destruction Report
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	03/31/2015
Action:	Email Correspondence
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	05/15/2015
Action:	Email Correspondence
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	07/24/2015
Action:	Soil and Water Investigation Report
Global Id:	T0600100201
Action Type:	Other
Date:	08/25/1992
Action:	Leak Reported
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	07/24/2014
Action:	Email Correspondence
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	08/29/2014
Action:	Well Destruction Report
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	02/27/2015
Action:	Corrective Action Plan / Remedial Action Plan - Addendum
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	04/10/2015
Action:	Electronic Reporting Submittal Due
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	09/01/2011
Action:	Staff Letter - #20110901
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	05/20/2014
Action:	Staff Letter - #20140520

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	06/12/2014
Action:	Staff Letter - #20140612
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	06/02/2014
Action:	Staff Letter - #20140602
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	12/02/2011
Action:	Pilot Study/ Treatability Report
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	05/06/2013
Action:	Pilot Study / Treatability Workplan - Regulator Responded
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	06/04/2014
Action:	Correspondence - Regulator Responded
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	05/22/2014
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	06/10/2014
Action:	Other Workplan - Regulator Responded
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	02/01/2015
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0600100201
Action Type:	RESPONSE
Date:	01/07/2015
Action:	Preliminary Site Assessment Workplan - Regulator Responded
Global Id:	T0600100201
Action Type:	REMEDIATION
Date:	03/16/2000
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0600100201
Action Type:	ENFORCEMENT
Date:	07/14/2014
Action:	Staff Letter - #20140714
Global Id:	T0600100201
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

Date: 03/19/2007  
Action: Technical Correspondence / Assistance / Other

Global Id: T0600100201  
Action Type: Other  
Date: 01/05/1992  
Action: Leak Discovery

Global Id: T0600100201  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: CAP/RAP - Other Report

**LUST REG 2:**

Region: 2  
Facility Id: 01-0215  
Facility Status: Preliminary site assessment underway  
Case Number: 3960  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: 11/11/1991  
Preliminary Site Assessment Began: 8/31/1992  
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

**CA FID UST:**

Facility ID: 01002686  
Regulated By: UTNKA  
Regulated ID: 00039600  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4155629669  
Mail To: Not reported  
Mailing Address: 2868 PROSPECT DR  
Mailing Address 2: Not reported  
Mailing City, St, Zip: OAKLAND 94605  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**Alameda County CS:**

Status: Leak Confirmation  
Record Id: RO0000356  
PE: 5602

Status: Preliminary Site Assessment Workplan Submitted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

Record Id: RO0000356  
PE: 5602

Status: Pollution Characterization  
Record Id: RO0000356  
PE: 5602

**SWEEPS UST:**

Status: Active  
Comp Number: 39600  
Number: 1  
Board Of Equalization: 44-000400  
Referral Date: 02-27-91  
Action Date: 02-27-91  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 01-000-039600-000001  
Tank Status: A  
Capacity: 12000  
Active Date: 02-27-91  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: Active  
Comp Number: 39600  
Number: 1  
Board Of Equalization: 44-000400  
Referral Date: 02-27-91  
Action Date: 02-27-91  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 01-000-039600-000002  
Tank Status: A  
Capacity: 10000  
Active Date: 04-29-92  
Tank Use: M.V. FUEL  
STG: P  
Content: PRM UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 39600  
Number: 1  
Board Of Equalization: 44-000400  
Referral Date: 02-27-91  
Action Date: 02-27-91  
Created Date: 02-29-88  
Owner Tank Id: 3  
SWRCB Tank Id: 01-000-039600-000003  
Tank Status: A  
Capacity: 6000  
Active Date: 02-27-91  
Tank Use: M.V. FUEL  
STG: P  
Content: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FAC SITE NO 11117 (Continued)**

**S101580384**

Number Of Tanks: Not reported

Status: Active  
Comp Number: 39600  
Number: 1  
Board Of Equalization: 44-000400  
Referral Date: 02-27-91  
Action Date: 02-27-91  
Created Date: 02-29-88  
Owner Tank Id: 4  
SWRCB Tank Id: 01-000-039600-000004  
Tank Status: A  
Capacity: 6000  
Active Date: 02-27-91  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**B32  
SE  
< 1/8  
0.006 mi.  
30 ft.**

**TOSCO FACILITY # 11117  
7210 BANCROFT AVE  
OAKLAND, CA 94605**

**UST U003914671  
N/A**

**Site 5 of 10 in cluster B**

**Relative:  
Lower**

UST:  
Facility ID: 116  
Permitting Agency: OAKLAND, CITY OF  
Latitude: 37.76634  
Longitude: -122.17751

**Actual:  
58 ft.**

**ALAMEDA CO. UST:**

Facility ID: FA0321554  
Facility Status: Closed or Inactive  
Program Element: 4104  
Description: UNDERGROUND STORAGE TANK 4 CONTAINERS  
Inspection Date: 12/30/1899  
Closed: YES  
Owner Name: OAKLAND PETROL, INC.  
Owner ID: OW0324642

**B33  
SE  
< 1/8  
0.006 mi.  
30 ft.**

**TOSCO NORTHWEST CO NO 11117  
7210 BANCROFT AVE  
OAKLAND, CA 94605**

**RCRA-SQG 1000984932  
FINDS CAR000000414**

**Site 6 of 10 in cluster B**

**Relative:  
Lower**

RCRA-SQG:  
Date form received by agency: 02/09/1995  
Facility name: TOSCO NORTHWEST CO NO 11117  
Facility address: 7210 BANCROFT AVE  
OAKLAND, CA 94605  
EPA ID: CAR000000414  
Mailing address: UNION ST STE 2500  
SEATTLE, WA 98101  
Contact: LYNN CHUN

**Actual:  
58 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO NORTHWEST CO NO 11117 (Continued)**

**1000984932**

Contact address: 601 UNION ST STE 2500  
SEATTLE, WA 98101  
Contact country: US  
Contact telephone: (206) 442-7193  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: TOSCO NORTHWEST CO  
Owner/operator address: 601 UNION ST STE 2500  
SEATTLE, WA 98101  
Owner/operator country: Not reported  
Owner/operator telephone: (206) 442-7000  
Legal status: Private  
Owner/Operator Type: Owner  
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  
Used 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

**FINDS:**

Registry ID: 110002904359

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

B34  
SSE  
< 1/8  
0.019 mi.  
100 ft.

CHEVRON USA INC SERV STA #93322  
7225 BANCROFT AVE  
OAKLAND, CA 94605  
Site 7 of 10 in cluster B

RCRA NonGen / NLR  
ICIS  
FINDS  
HIST CORTESE  
LUST  
CA FID UST  
Alameda County CS  
SWEEPS UST

1000434508  
CAT080032378

Relative:  
Lower

Actual:  
57 ft.

RCRA NonGen / NLR:  
Date form received by agency: 04/14/1981  
Facility name: CHEVRON USA INC SERV STA #93322  
Facility address: 7225 BANCROFT AVE  
OAKLAND, CA 94605  
EPA ID: CAT080032378  
Mailing address: PO BOX 2569  
OAKLAND, CA 94614  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 7225 BANCROFT AVE  
OAKLAND, CA 94605  
Contact country: US  
Contact telephone: (415) 638-3434  
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: CHEVRON USA INC  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
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  
NOT REQUIRED, ME 99999  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

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

**ICIS:**

Enforcement Action ID: 09-2014-5506  
FRS ID: 110058296071  
Program ID: FRS 110058296071  
Action Name: UST FY14 BANCROFT VALERO (CAL-009)  
Full Address: 7225 BANCROFT AVE OAKLAND CA 94603  
State: California  
Facility Name: BANCROFT VALERO  
Facility Address: 7225 BANCROFT AVE  
OAKLAND, CA 94603  
Enforcement Action Type: RCRA 9006 AO For Comp And/Or Pen (UST) - UST Expedited Settlement Program  
Facility County: ALAMEDA  
EPA Region #: 9

Program ID: FRS 110058296071  
Facility Name: BANCROFT VALERO  
Address: 7225 BANCROFT AVE  
Tribal Indicator: N  
Fed Facility: Not reported  
NAIC Code: Not reported  
SIC Code: Not reported

**FINDS:**

Registry ID: 110002956739

**Environmental Interest/Information System**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110058296071

**Environmental Interest/Information System**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-2263

**LUST:**

Region: STATE  
Global Id: T0600102079  
Latitude: 37.7657278578764  
Longitude: -122.177600562572  
Case Type: Not reported  
Status: Open - Assessment & Interim Remedial Action  
Status Date: 11/01/2007  
Lead Agency: Not reported  
Case Worker: MD  
Local Agency: Not reported  
RB Case Number: 01-2263  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: A product line and dispenser upgrade was conducted in August 1996. Wells MW-1 to MW-3 were installed in January 1998; wells MW-4 to MW-6 were installed January 1999. In July 2000 bores B-1 and B-2 and well MW-7 were installed. In September 2000 soil bores SB-4 to SB-6 were installed. In March 2002 wells MW-8 to MW-10 were installed. In March 2005 vapor wells VP-1 to VP-4 were installed. In September 2007 348 gallons of surfactant was injected around wells MW-1 and MW-7, and 1,220 gallons was later extracted. Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: <http://ehgis.acgov.org/dehpublic/dehpublic.jsp>.

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

**Contact:**

Global Id: T0600102079  
Contact Type: Local Agency Caseworker  
Contact Name: MARK DETTERMAN  
Organization Name: ALAMEDA COUNTY LOP  
Address: 1131 HARBOR BAY PARKWAY  
City: ALAMEDA  
Email: mark.detterman@acgov.org  
Phone Number: 5105676876

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

Global Id: T0600102079  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**

Global Id: T0600102079  
Status: Open - Assessment & Interim Remedial Action  
Status Date: 11/01/2007

Global Id: T0600102079  
Status: Open - Case Begin Date  
Status Date: 08/28/1996

Global Id: T0600102079  
Status: Open - Remediation  
Status Date: 09/01/2007

Global Id: T0600102079  
Status: Open - Site Assessment  
Status Date: 11/07/1997

Global Id: T0600102079  
Status: Open - Site Assessment  
Status Date: 11/25/1997

Global Id: T0600102079  
Status: Open - Site Assessment  
Status Date: 03/13/1998

**Regulatory Activities:**

Global Id: T0600102079  
Action Type: ENFORCEMENT  
Date: 09/25/2008  
Action: Staff Letter - #20080925

Global Id: T0600102079  
Action Type: ENFORCEMENT  
Date: 12/01/2014  
Action: Staff Letter - #20141201

Global Id: T0600102079  
Action Type: ENFORCEMENT  
Date: 07/24/2009  
Action: Staff Letter - #20090724

Global Id: T0600102079  
Action Type: ENFORCEMENT  
Date: 02/22/2008  
Action: \* No Action - #20082202

Global Id: T0600102079

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

Action Type:	ENFORCEMENT
Date:	04/07/2014
Action:	Staff Letter - #20140407
Global Id:	T0600102079
Action Type:	Other
Date:	08/27/1996
Action:	Leak Stopped
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	05/16/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	ENFORCEMENT
Date:	03/18/2015
Action:	Staff Letter - #20150318
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	09/11/2015
Action:	Site Assessment Report
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	01/31/2015
Action:	Interim Remedial Action Plan
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	02/20/2015
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	08/21/2015
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	05/22/2015
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	08/15/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	04/28/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	Other
Date:	07/14/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

Action:	Leak Reported
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	05/28/1997
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	03/13/1998
Action:	Preliminary Site Assessment Report
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	08/15/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	04/28/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	04/28/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	03/01/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	09/01/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	12/01/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	01/31/2015
Action:	Soil and Water Investigation Workplan - Addendum - Regulator Responded
Global Id:	T0600102079
Action Type:	RESPONSE
Date:	09/30/2014
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0600102079
Action Type:	REMEDIATION
Date:	08/27/1996
Action:	Excavation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

Global Id: T0600102079  
Action Type: ENFORCEMENT  
Date: 03/13/2014  
Action: Meeting - #20140313

Global Id: T0600102079  
Action Type: Other  
Date: 08/28/1996  
Action: Leak Discovery

Global Id: T0600102079  
Action Type: RESPONSE  
Date: 11/15/2012  
Action: Monitoring Report - Quarterly

**LUST REG 2:**

Region: 2  
Facility Id: 01-2263  
Facility Status: Leak being confirmed  
Case Number: 3961  
How Discovered: OM  
Leak Cause: UNK  
Leak Source: Piping  
Date Leak Confirmed: 12/19/1997  
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

**CA FID UST:**

Facility ID: 01002793  
Regulated By: UTNKA  
Regulated ID: CAT080032  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 5106359117  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: OAKLAND 94605  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**Alameda County CS:**

Status: Preliminary Site Assessment Workplan Submitted  
Record Id: RO0000274  
PE: 5602

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

Status: Preliminary Site Assessment Underway  
Record Id: RO0000274  
PE: 5602

Status: Pollution Characterization  
Record Id: RO0000274  
PE: 5602

**SWEEPS UST:**

Status: Active  
Comp Number: 62426  
Number: 2  
Board Of Equalization: 44-031913  
Referral Date: 12-22-92  
Action Date: 04-15-93  
Created Date: 02-29-88  
Owner Tank Id: 3  
SWRCB Tank Id: 01-000-062426-000003  
Tank Status: A  
Capacity: 10000  
Active Date: 12-22-92  
Tank Use: M.V. FUEL  
STG: P  
Content: PRM UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 62426  
Number: 2  
Board Of Equalization: 44-031913  
Referral Date: 12-22-92  
Action Date: 04-15-93  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 01-000-062426-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 12-22-92  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: Active  
Comp Number: 62426  
Number: 2  
Board Of Equalization: 44-031913  
Referral Date: 12-22-92  
Action Date: 04-15-93  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 01-000-062426-000002  
Tank Status: A  
Capacity: 10000  
Active Date: 12-22-92  
Tank Use: M.V. FUEL  
STG: P



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON USA INC SERV STA #93322 (Continued)**

**1000434508**

Content: PRM UNLEADED  
Number Of Tanks: Not reported

**B35**  
**SSE**  
**< 1/8**  
**0.019 mi.**  
**100 ft.**

**CHEVRON STATION #93322**  
**7225 BANCROFT AVE**  
**OAKLAND, CA 94605**  
  
**Site 8 of 10 in cluster B**

**UST U003914555**  
**N/A**

**Relative:**  
**Lower**

UST:  
Facility ID: 204  
Permitting Agency: OAKLAND, CITY OF  
Latitude: 37.767146  
Longitude: -122.176317

**Actual:**  
**57 ft.**

ALAMEDA CO. UST:  
Facility ID: FA0321146  
Facility Status: Active  
Program Element: 4103  
Description: UNDERGROUND STORAGE TANK 3 CONTAINERS  
Inspection Date: 12/30/1899  
Closed: Not reported  
Owner Name: ARORA & SINGH, INC. DBA BANCROFT VALERO  
Owner ID: OW0324450

**B36**  
**SSE**  
**< 1/8**  
**0.019 mi.**  
**100 ft.**

**93322**  
**7225 BANCROFT AVE**  
**OAKLAND, CA 94605**  
  
**Site 9 of 10 in cluster B**

**HIST UST U001599084**  
**N/A**

**Relative:**  
**Lower**

HIST UST:  
Region: STATE  
Facility ID: 00000062426  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: CURRIE, WILLIAM L  
Telephone: 4156359117  
Owner Name: CHEVRON U.S.A. INC.  
Owner Address: 575 MARKET  
Owner City,St,Zip: SAN FRANCISCO, CA 94105  
Total Tanks: 0003

**Actual:**  
**57 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 0000250  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00010000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

93322 (Continued)

U001599084

Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 0000250  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 0000250  
Leak Detection: Stock Inventor

B37  
SSE  
< 1/8  
0.019 mi.  
100 ft.

7225 BANCROFT AVE  
OAKLAND, CA 94605

EDR US Hist Auto Stat 1015616370  
N/A

Site 10 of 10 in cluster B

Relative:  
Lower

EDR Historical Auto Stations:

Name: SUPER CHEVRON  
Year: 1999  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2000  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON A PARTNERSHIP  
Year: 2001  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2002  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2003  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2004  
Address: 7225 BANCROFT AVE

Name: SILVER GAS  
Year: 2005  
Address: 7225 BANCROFT AVE

Name: SILVER GAS  
Year: 2006  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2007  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015616370

Year: 2008  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2010  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2011  
Address: 7225 BANCROFT AVE

Name: SUPER CHEVRON  
Year: 2012  
Address: 7225 BANCROFT AVE

38  
SE  
< 1/8  
0.035 mi.  
187 ft.

**FIRESTONE #3659  
73RD & BANCROFT  
OAKLAND, CA 94605**

**HIST UST U001599088  
N/A**

**Relative:  
Lower**

HIST UST:

Region: STATE  
Facility ID: 00000005857  
Facility Type: Other  
Other Type: AUTO SVC. CENTER  
Contact Name: STEVE BENSON  
Telephone: 4155687432  
Owner Name: FIRESTONE TIRE & RUBBER CO.  
Owner Address: 1200 FIRESTONE PARKWAY  
Owner City,St,Zip: AKRON, OH 44317  
Total Tanks: 0001

**Actual:  
57 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Visual

C39  
NW  
< 1/8  
0.043 mi.  
225 ft.

**6816 BANCROFT AVE  
OAKLAND, CA 94605**

**EDR US Hist Cleaners 1015087062  
N/A**

**Site 1 of 3 in cluster C**

**Relative:  
Higher**

EDR Historical Cleaners:

Name: DIAMOND CLEANERS  
Year: 2001  
Address: 6816 BANCROFT AVE

**Actual:  
61 ft.**

Name: DIAMOND CLEANERS  
Year: 2003  
Address: 6816 BANCROFT AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015087062

Name: DIAMOND CLEANERS  
Year: 2005  
Address: 6816 BANCROFT AVE

Name: DIAMOND CLEANERS  
Year: 2006  
Address: 6816 BANCROFT AVE

Name: DIAMOND CLEANERS  
Year: 2010  
Address: 6816 BANCROFT AVE

Name: DIAMOND CLEANERS  
Year: 2011  
Address: 6816 BANCROFT AVE

Name: DIAMOND CLEANERS  
Year: 2012  
Address: 6816 BANCROFT AVE

C40  
NW  
< 1/8  
0.043 mi.  
225 ft.

DIAMOND CLEANERS  
6816 BANCROFT AVE  
OAKLAND, CA 94605

DRYCLEANERS  
EMI

U003802436  
N/A

Site 2 of 3 in cluster C

Relative:  
Higher

DRYCLEANERS:

Actual:  
61 ft.

EPA Id: CAL000008717  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 11/14/1989  
Facility Active: No  
Inactive Date: 06/30/2010  
Facility Addr2: Not reported  
Owner Name: LEE, KI HYUCK & JUNG JA  
Owner Address: 43358 DEBRUM COMMON  
Owner Address 2: Not reported  
Owner Telephone: 5104838975  
Contact Name: SOHN, MINHO LESSEE  
Contact Address: 6816 BANCROFT AVE  
Contact Address 2: Not reported  
Contact Telephone: 5105696163  
Mailing Name: Not reported  
Mailing Address 1: 6816 BANCROFT AVE  
Mailing Address 2: Not reported  
Mailing City: OAKLAND  
Mailing State: CA  
Mailing Zip: 946050000  
Owner Fax: Not reported  
Region Code: 0000000000

EMI:

Year: 1990  
County Code: 1  
Air Basin: SF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIAMOND CLEANERS (Continued)**

**U003802436**

Facility ID: 4627  
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: 3  
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: 1993  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: 1996  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: 1997  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIAMOND CLEANERS (Continued)**

**U003802436**

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 & Smlr Tons/Yr: 0

Year: 1998  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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 & Smlr Tons/Yr: 0

Year: 1999  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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 & Smlr Tons/Yr: 0

Year: 2000  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIAMOND CLEANERS (Continued)**

**U003802436**

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

Year: 2001  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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 & Smlr Tons/Yr: 0

Year: 2002  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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 & Smlr Tons/Yr: 0

Year: 2003  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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 & Smlr Tons/Yr: 0

Year: 2004  
County Code: 1  
Air Basin: SF  
Facility ID: 4627

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIAMOND CLEANERS (Continued)**

**U003802436**

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: 0.263  
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: 2005  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: 2006  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: .219  
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: 2007  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: .314



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIAMOND CLEANERS (Continued)**

**U003802436**

Reactive Organic Gases Tons/Yr: .2193604  
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: 2008  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: .179  
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: 2009  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: 0.17899999999999999  
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: 2010  
County Code: 1  
Air Basin: SF  
Facility ID: 4627  
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: 0.499  
Reactive Organic Gases Tons/Yr: 0.25304939999999998  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

C41  
NW  
< 1/8  
0.050 mi.  
265 ft.

6800 BANCROFT AVE  
OAKLAND, CA 94605

Site 3 of 3 in cluster C

EDR US Hist Cleaners

1015086900  
N/A

Relative:  
Higher

EDR Historical Cleaners:

Name: WASH N SAVE  
Year: 2005  
Address: 6800 BANCROFT AVE

Actual:  
61 ft.

Name: WASH N SAVE  
Year: 2006  
Address: 6800 BANCROFT AVE

Name: WASH N SAVE  
Year: 2010  
Address: 6800 BANCROFT AVE

Name: WASH N SAVE  
Year: 2011  
Address: 6800 BANCROFT AVE

Name: WASH N SAVE  
Year: 2012  
Address: 6800 BANCROFT AVE

42  
South  
< 1/8  
0.081 mi.  
430 ft.

FIRESTONE #3659  
073RD & BANCROFT  
OAKLAND, CA 94605

CA FID UST  
SWEEPS UST

S101624328  
N/A

Relative:  
Lower

CA FID UST:

Facility ID: 01002090  
Regulated By: UTKNI  
Regulated ID: 00005857  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4155687432  
Mail To: Not reported  
Mailing Address: 073RD & BANCROFT  
Mailing Address 2: Not reported  
Mailing City,St,Zip: OAKLAND 94605  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

Actual:  
52 ft.

SWEEPS UST:

Status: Not reported  
Comp Number: 5857  
Number: Not reported  
Board Of Equalization: 44-000076  
Referral Date: Not reported  
Action Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRESTONE #3659 (Continued)**

**S101624328**

Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 01-000-005857-000001  
Tank Status: Not reported  
Capacity: 1  
Active Date: Not reported  
Tank Use: OIL  
STG: WASTE  
Content: WASTE OIL  
Number Of Tanks: 1

**D43**  
**North**  
**< 1/8**  
**0.096 mi.**  
**508 ft.**

**BETTER HOMES REALTY**  
**6821 FOOTHILL BLVD**  
**OAKLAND, CA 94605**

**HIST CORTESE**  
**LUST**  
**Alameda County CS**

**S102425219**  
**N/A**

**Site 1 of 4 in cluster D**

**Relative:**  
**Higher**

HIST CORTESE:  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0988

**Actual:**  
**69 ft.**

**LUST:**

Region: STATE  
Global Id: T0600100911  
Latitude: 37.769557  
Longitude: -122.177025  
Case Type: Not reported  
Status: Completed - Case Closed  
Status Date: 03/30/1995  
Lead Agency: Not reported  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-0988  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

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

**Contact:**

Global Id: T0600100911  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**

Global Id: T0600100911  
Status: Completed - Case Closed  
Status Date: 03/30/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BETTER HOMES REALTY (Continued)**

**S102425219**

Global Id: T0600100911  
Status: Open - Case Begin Date  
Status Date: 01/16/1990

Regulatory Activities:

Global Id: T0600100911  
Action Type: Other  
Date: 01/16/1990  
Action: Leak Reported

LUST REG 2:

Region: 2  
Facility Id: 01-0988  
Facility Status: Case Closed  
Case Number: 28  
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: 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

Alameda County CS:

Status: Case Closed  
Record Id: RO0000893  
PE: 5602

**D44**  
**North**  
**< 1/8**  
**0.096 mi.**  
**508 ft.**

**6821 FOOTHILL BLVD**  
**OAKLAND, CA 94605**

**EDR US Hist Auto Stat 1015599500**  
**N/A**

**Site 2 of 4 in cluster D**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: FOOTHILL AUTO SERVICE  
Year: 1999  
Address: 6821 FOOTHILL BLVD

**Actual:**  
**69 ft.**

Name: FOOTHILL AUTO SERVICE  
Year: 2000  
Address: 6821 FOOTHILL BLVD

Name: FOOTHILL AUTO SERVICE  
Year: 2001  
Address: 6821 FOOTHILL BLVD

Name: TAN AUTO BODY & PAINT  
Year: 2002  
Address: 6821 FOOTHILL BLVD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015599500

Name: Foothill Auto Service and Body Shop  
Year: 2005  
Address: 6821 Foothill Blvd  
  
Name: Foothill Auto Service & Body Shop  
Year: 2006  
Address: 6821 Foothill Blvd  
  
Name: Foot of the Hill Auto Repair & Body  
Year: 2009  
Address: 6821 Foothill Blvd

D45  
North  
< 1/8  
0.096 mi.  
509 ft.

PACIFIC SERVICE STATIONS INC  
6800 FOOTHILL BLVD  
OAKLAND, CA

EDR US Hist Auto Stat

1009012641  
N/A

Site 3 of 4 in cluster D

Relative:  
Higher

EDR Historical Auto Stations:

Name: PACIFIC SERVICE STATIONS INC  
Year: 1933  
Type: GASOLINE AND OIL SERVICE STATIONS

Actual:  
70 ft.

D46  
North  
< 1/8  
0.098 mi.  
519 ft.

6818 FOOTHILL BLVD  
OAKLAND, CA 94605

EDR US Hist Auto Stat

1015599381  
N/A

Site 4 of 4 in cluster D

Relative:  
Higher

EDR Historical Auto Stations:

Name: MINUTE MUFFLER SERVICE  
Year: 1999  
Address: 6818 Foothill Blvd  
  
Name: HANSEN BOB MINUTE MUFFLER SERVICE  
Year: 2000  
Address: 6818 Foothill Blvd  
  
Name: MINUTE MUFFLER SERVICE  
Year: 2011  
Address: 6818 Foothill Blvd  
  
Name: MINUTE MUFFLER SERVICE  
Year: 2012  
Address: 6818 Foothill Blvd

Actual:  
70 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

E47  
NNW  
< 1/8  
0.104 mi.  
548 ft.

**NEWTON H H**  
**6739 FOOTHILL BLVD**  
**OAKLAND, CA**

EDR US Hist Auto Stat

**1009012630**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: NEWTON H H  
Year: 1933  
Type: GASOLINE AND OIL SERVICE STATIONS

**Actual:**  
**70 ft.**

Name: BOWKER GEO  
Year: 1943  
Type: GASOLINE AND OIL SERVICE STATIONS

E48  
NNW  
< 1/8  
0.105 mi.  
556 ft.

**ACE HARDWARE SCHOOL SITE**  
**6733 FOOTHILL BOULEVARD**  
**OAKLAND, CA 94605**

**SCH**  
**ENVIROSTOR**

**S105628370**  
**N/A**

**Site 2 of 4 in cluster E**

**Relative:**  
**Higher**

SCH:

**Actual:**  
**70 ft.**

Facility ID: 1520005  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 0  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Juan Koponen  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 204066  
Assembly: 18  
Senate: 09  
Special Program Status: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 08/22/2002  
Restricted Use: NO  
Funding: School District  
Latitude: 37.76958  
Longitude: -122.1793  
APN: 39-3274-5-5  
Past Use: RETAIL  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE HARDWARE SCHOOL SITE (Continued)**

**S105628370**

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: 1520005  
Status: Inactive - Needs Evaluation  
Status Date: 08/22/2002  
Site Code: 204066  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 0  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Juan Koponen  
Division Branch: Northern California Schools & Santa Susana  
Assembly: 18  
Senate: 09  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 37.76958  
Longitude: -122.1793  
APN: 39-3274-5-5  
Past Use: RETAIL  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

	Site	Database(s)	
<b>F49</b> <b>NW</b> <b>&lt; 1/8</b> <b>0.114 mi.</b> <b>601 ft.</b>	<b>BEASLEY S AUTO Matic TRANSMISSION</b> <b>6690 BANCROFT AVE</b> <b>OAKLAND, CA</b>  <b>Site 1 of 3 in cluster F</b>	<b>EDR US Hist Auto Stat</b>	<b>1009013383</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	EDR Historical Auto Stations: Name: BEASLEY S AUTO Matic TRANSMISSION Year: 1967 Type: AUTOMOBILE REPAIRING		
<b>Actual:</b> <b>66 ft.</b>			
<b>E50</b> <b>NNW</b> <b>&lt; 1/8</b> <b>0.115 mi.</b> <b>609 ft.</b>	<b>THOMPSON WM</b> <b>6701 FOOTHILL BLVD</b> <b>OAKLAND, CA</b>  <b>Site 3 of 4 in cluster E</b>	<b>EDR US Hist Auto Stat</b>	<b>1009012228</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	EDR Historical Auto Stations: Name: FERGUSON G A Year: 1928 Type: GASOLINE AND OIL SERVICE STATIONS		
<b>Actual:</b> <b>71 ft.</b>	Name: THOMPSON WM Year: 1933 Type: GASOLINE AND OIL SERVICE STATIONS		
<b>E51</b> <b>NNW</b> <b>&lt; 1/8</b> <b>0.118 mi.</b> <b>625 ft.</b>	<b>MIDDLETON E D</b> <b>6697 FOOTHILL BLVD</b> <b>OAKLAND, CA</b>  <b>Site 4 of 4 in cluster E</b>	<b>EDR US Hist Auto Stat</b>	<b>1009014193</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	EDR Historical Auto Stations: Name: MIDDLETON E D Year: 1943 Type: GASOLINE AND OIL SERVICE STATIONS		
<b>Actual:</b> <b>71 ft.</b>			
<b>52</b> <b>ESE</b> <b>1/8-1/4</b> <b>0.129 mi.</b> <b>683 ft.</b>	<b>2637 75TH AVE</b> <b>OAKLAND, CA 94605</b>	<b>EDR US Hist Auto Stat</b>	<b>1015374874</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	EDR Historical Auto Stations: Name: C & J MOBILE DETAILING Year: 2004 Address: 2637 75TH AVE		
<b>Actual:</b> <b>67 ft.</b>			



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

	Site	Database(s)	EDR ID Number EPA ID Number
<b>F53</b> <b>NW</b> <b>1/8-1/4</b> <b>0.130 mi.</b> <b>684 ft.</b>	<b>LYONS DRY CLEANERS</b> <b>6680 BANCROFT AVE</b> <b>OAKLAND, CA</b>  <b>Site 2 of 3 in cluster F</b>	<b>EDR US Hist Cleaners</b>	<b>1009141448</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	EDR Historical Cleaners: Name: LYONS DRY CLEANERS Year: 1967		
<b>Actual:</b> <b>68 ft.</b>	Type: CLEANERS AND DYERS		

<b>F54</b> <b>NW</b> <b>1/8-1/4</b> <b>0.141 mi.</b> <b>745 ft.</b>	<b>6672 BANCROFT AVE</b> <b>OAKLAND, CA 94605</b>  <b>Site 3 of 3 in cluster F</b>	<b>EDR US Hist Auto Stat</b>	<b>1015595470</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	EDR Historical Auto Stations: Name: EAST BAY MUFFLERS NO Year: 2001		
<b>Actual:</b> <b>68 ft.</b>	Address: 6672 BANCROFT AVE		

<b>G55</b> <b>ENE</b> <b>1/8-1/4</b> <b>0.159 mi.</b> <b>838 ft.</b>	<b>FIRESTONE</b> <b>1 EASTMONT MAL</b> <b>OAKLAND, CA 94605</b>  <b>Site 1 of 2 in cluster G</b>	<b>LUST</b>	<b>S105692510</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	LUST REG 2: Region: 2 Facility Id: 01-0889		
<b>Actual:</b> <b>79 ft.</b>	Facility Status: Case Closed Case Number: 01889 How Discovered: Tank Closure Leak Cause: UNK Leak Source: Tank Date Leak Confirmed: 1/2/1992 Oversight Program: LUST Prelim. Site Assessment Workplan Submitted: 7/10/1991 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: 7/15/1992		

<b>G56</b> <b>ENE</b> <b>1/8-1/4</b> <b>0.159 mi.</b> <b>838 ft.</b>	<b>FIRESTONE #36F1</b> <b>2701 073RD AVE</b> <b>OAKLAND, CA 94605</b>  <b>Site 2 of 2 in cluster G</b>	<b>HIST CORTESE</b> <b>LUST</b> <b>CA FID UST</b> <b>Alameda County CS</b> <b>HIST UST</b> <b>SWEEPS UST</b>	<b>1000223059</b> <b>N/A</b>
<b>Relative:</b> <b>Higher</b>	HIST CORTESE: Region: CORTESE		
<b>Actual:</b> <b>79 ft.</b>	Facility County Code: 1 Reg By: LTNKA Reg Id: 01-0889		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRESTONE #36F1 (Continued)**

**1000223059**

**LUST:**

Region: STATE  
Global Id: T0600100821  
Latitude: 37.7684545  
Longitude: -122.1734199  
Case Type: Not reported  
Status: Completed - Case Closed  
Status Date: 02/10/1995  
Lead Agency: Not reported  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-0889  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
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: T0600100821  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**

Global Id: T0600100821  
Status: Completed - Case Closed  
Status Date: 02/10/1995  
  
Global Id: T0600100821  
Status: Open - Case Begin Date  
Status Date: 12/20/1989

**Regulatory Activities:**

Global Id: T0600100821  
Action Type: Other  
Date: 12/20/1989  
Action: Leak Reported  
  
Global Id: T0600100821  
Action Type: REMEDIATION  
Date: 09/09/9999  
Action: Excavation

**CA FID UST:**

Facility ID: 01002244  
Regulated By: UTKNI  
Regulated ID: 00060565  
Cortese Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRESTONE #36F1 (Continued)**

**1000223059**

SIC Code: Not reported  
Facility Phone: 4156351011  
Mail To: Not reported  
Mailing Address: 2701 073RD AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: OAKLAND 94605  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**Alameda County CS:**

Status: Case Closed  
Record Id: RO0001026  
PE: 5602

**HIST UST:**

Region: STATE  
Facility ID: 00000060565  
Facility Type: Other  
Other Type: AUTO SVC CENTER  
Contact Name: RUSS FRAKES  
Telephone: 4156351011  
Owner Name: FIRESTONE TIRE & RUBBER CO.  
Owner Address: 1200 FIRESTONE PARKWAY  
Owner City,St,Zip: AKRON, OH 44317  
Total Tanks: 0001

Tank Num: 001  
Container Num: 4  
Year Installed: 1969  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Visual

**SWEEPS UST:**

Status: Not reported  
Comp Number: 60565  
Number: Not reported  
Board Of Equalization: 44-000626  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 01-000-060565-000001  
Tank Status: Not reported  
Capacity: 500  
Active Date: Not reported  
Tank Use: OIL  
STG: WASTE  
Content: WASTE OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRESTONE #36F1 (Continued)**

**1000223059**

Number Of Tanks: 1

**57**  
**South**  
**1/8-1/4**  
**0.162 mi.**  
**857 ft.**

**7314 FRESNO ST**  
**OAKLAND, CA 94605**

**EDR US Hist Auto Stat** **1015619494**  
**N/A**

**Relative:**  
**Lower**

**EDR Historical Auto Stations:**

Name: H & P AUTO BODY & I REPAIR  
Year: 2005

**Actual:**  
**46 ft.**

Address: 7314 FRESNO ST

Name: H & P AUTO BODY & I REPAIR  
Year: 2006  
Address: 7314 FRESNO ST

**58**  
**West**  
**1/8-1/4**  
**0.165 mi.**  
**872 ft.**

**D & J TRUCKING**  
**2659 68TH STREET**  
**OAKLAND, CA 94605**

**RCRA NonGen / NLR** **1000120537**  
**FINDS** **CAD982518201**

**Relative:**  
**Lower**

**RCRA NonGen / NLR:**

Date form received by agency: 01/25/1990

Facility name: D & J TRUCKING

**Actual:**  
**58 ft.**

Facility address: 2659 68TH STREET  
OAKLAND, CA 94605

EPA ID: CAD982518201

Mailing address: SIXTY EIGHTH STREET  
OAKLAND, CA 94605

Contact: ENVIRONMENTAL MANAGER  
Contact address: 2659 SIXTY EIGHTH STREET  
OAKLAND, CA 94605

Contact country: US

Contact telephone: (415) 562-5778

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: STEPHENS DOUGLAS

Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

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  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D & J TRUCKING (Continued)**

**1000120537**

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: 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

Violation Status: No violations found

FINDS:

Registry ID: 110002839670

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

59  
WSW  
1/8-1/4  
0.182 mi.  
959 ft.

2235 CHURCH ST  
OAKLAND, CA 94605

EDR US Hist Cleaners 1015021511  
N/A

Relative:  
Lower

EDR Historical Cleaners:

Name: FIRST CHOICE CARPET CLEANING  
Year: 2004  
Address: 2235 CHURCH ST

Actual:  
55 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

60  
NW  
1/8-1/4  
0.184 mi.  
974 ft.

**ONE HOUR MARTINIZING**  
**6643 BANCROFT AVE**  
**OAKLAND, CA**

**EDR US Hist Cleaners**

**1009139956**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Cleaners:

Name: ONE HOUR MARTINIZING  
Year: 1967  
Type: CLEANERS AND DYERS

**Actual:**  
**69 ft.**

61  
NNW  
1/8-1/4  
0.190 mi.  
1005 ft.

**6608 BRANN ST**  
**OAKLAND, CA 94605**

**EDR US Hist Auto Stat**

**1015593924**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: LBS MOBILE AUTO DETAILING  
Year: 2002  
Address: 6608 BRANN ST

**Actual:**  
**81 ft.**

H62  
ENE  
1/8-1/4  
0.205 mi.  
1084 ft.

**OAKLAND FIRE STATION #23**  
**7100 FOOTHILL BLVD**  
**OAKLAND, CA 94605**

**HIST CORTESE**  
**LUST**  
**Alameda County CS**

**S110596607**  
**N/A**

**Site 1 of 2 in cluster H**

**Relative:**  
**Higher**

HIST CORTESE:

Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0636

**Actual:**  
**88 ft.**

LUST:

Region: STATE  
Global Id: T0600100586  
Latitude: 37.769478  
Longitude: -122.173251  
Case Type: Not reported  
Status: Completed - Case Closed  
Status Date: 01/31/1997  
Lead Agency: Not reported  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-0636  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

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

Contact:

Global Id: T0600100586  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OAKLAND FIRE STATION #23 (Continued)**

**S110596607**

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

Status History:

Global Id: T0600100586  
Status: Completed - Case Closed  
Status Date: 01/31/1997

Global Id: T0600100586  
Status: Open - Case Begin Date  
Status Date: 05/03/1990

Regulatory Activities:

Global Id: T0600100586  
Action Type: Other  
Date: 05/03/1990  
Action: Leak Reported

Global Id: T0600100586  
Action Type: REMEDIATION  
Date: 09/09/9999  
Action: Excavation

LUST REG 2:

Region: 2  
Facility Id: 01-0636  
Facility Status: Case Closed  
Case Number: 4034  
How Discovered: Tank Closure  
Leak Cause: Overfill  
Leak Source: Tank  
Date Leak Confirmed: 4/27/1992  
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

Alameda County CS:

Status: Case Closed  
Record Id: RO0000521  
PE: 5602

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

I63  
NW  
1/8-1/4  
0.206 mi.  
1087 ft.

MATHIAS R F  
6601 FOOTHILL BLVD  
OAKLAND, CA

Site 1 of 7 in cluster I

EDR US Hist Auto Stat

1009014357  
N/A

Relative:  
Higher

EDR Historical Auto Stations:

Name: TAFT MAX  
Year: 1925  
Type: AUTOMOBILE SERVICE STATIONS

Actual:  
75 ft.

Name: MATHIAS R F  
Year: 1928  
Type: GASOLINE AND OIL SERVICE STATIONS

Name: RICHFIELD OIL CO  
Year: 1933  
Type: GASOLINE AND OIL SERVICE STATIONS

I64  
NW  
1/8-1/4  
0.207 mi.  
1094 ft.

6600 FOOTHILL BLVD  
OAKLAND, CA 94605

Site 2 of 7 in cluster I

EDR US Hist Auto Stat

1015593613  
N/A

Relative:  
Higher

EDR Historical Auto Stations:

Name: SEKHON GAS STATION  
Year: 1999  
Address: 6600 FOOTHILL BLVD

Name: SEKHON GAS STATION  
Year: 2000  
Address: 6600 FOOTHILL BLVD

Name: SEKHON GAS STATION  
Year: 2001  
Address: 6600 FOOTHILL BLVD

Name: SEKHON GAS STATION  
Year: 2002  
Address: 6600 FOOTHILL BLVD

Name: SEKHON GAS STATION  
Year: 2003  
Address: 6600 FOOTHILL BLVD

Name: SEKHON BEACON GAS STATION  
Year: 2004  
Address: 6600 FOOTHILL BLVD

Name: GOLDEN GAS  
Year: 2010  
Address: 6600 FOOTHILL BLVD

Name: GOLDEN GAS  
Year: 2011  
Address: 6600 FOOTHILL BLVD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

J65  
SE  
1/8-1/4  
0.211 mi.  
1113 ft.

**STOP N GO MARKET (07-785)**  
**7701 BANCROFT AVE**  
**OAKLAND, CA 94601**

**Site 1 of 2 in cluster J**

**LUST**  
**CA FID UST**  
**SWEEPS UST**

**S101624302**  
**N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**53 ft.**

Region: STATE  
Global Id: T10000004796  
Latitude: 37.76359  
Longitude: -122.174594  
Case Type: Not reported  
Status: Open - Site Assessment  
Status Date: 06/01/2013  
Lead Agency: Not reported  
Case Worker: KLD  
Local Agency: Not reported  
RB Case Number: Not reported  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil  
Potential Contaminants of Concern: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Alameda County Environmental Health (ACEH) has reviewed the case file including Phase 1 Environmental Site Assessment Report (Phase 1 Report) dated April September 23, 2011 and the Limited Phase II Spoil and Groundwater Investigation Letter Report (Phase II Report), dated April 16, 2012, prepared on behalf of Union Bank by Geologica Inc. (Geologica). The Phase I Report documented the existence of a Wilshire Oil Company (Gulf) gasoline service station from the 1962 to 1969 and a Stop N Go convenience store from 1974 to approximately the mid 1980s. No records were found regarding the installation, operation, or removal of the underground storage tanks (USTs) however building department records indicate the demolition of the site building 1997, leaving the lot vacant since that time. According to the Phase II Report, a geophysical survey was conducted and seven directpush soil borings were drilled onsite for evaluation of the presence of historic USTs and residual petroleum hydrocarbon in soil and/or groundwater at the site. Concentrations of up to 110 milligrams per kilogram (mg/kg) Total Petroleum Hydrocarbon (TPH) as gasoline (TPHG), 1,500 mg/kg TPH as diesel (TPHD), 4,500 mg/kg TPH as motor oil (TPHmo), and 0.019 mg/kg ethylbenzene were documented in soil samples. Concentrations of up to 150 micrograms per liter (ug/l) TPHD and 370 ug/l TPHmo were documented in grab groundwater samples. These data indicate that an unauthorized release from the underground storage tanks (USTs) had occurred at the site. The release was referred to the ACEH Local Oversight Program (LOP), the lead agency for oversight of investigation and cleanup of petroleum hydrocarbon releases in Alameda County. ACEH-LOP subsequently listed the subject case on our data base of fuel leak sites. ACEH has evaluated the data and recommendations presented in the above-mentioned reports, in conjunction with the case files, and the State Water Resources Control Boards (SWRCBs) Low Threat Underground Storage Tank Case Closure Policy (LTCP). Based on ACEH staff review, we have determined that the site fails to meet the LTCP General Criteria b (Petroleum Release Only), c (Primary Release Stopped), d (Free Product), e (Site Conceptual Model), f (Secondary Source Removal), Media-Specific Criteria for Groundwater, Media-Specific Criteria for Vapor Intrusion to Indoor Air, and the Media-Specific Criteria for Direct Contact (see Attachment A for a copy of the LTCP checklist). Therefore, at

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOP N GO MARKET (07-785) (Continued)**

**S101624302**

this juncture ACEH has requested that the RP prepares a Data Gap Investigation Work Plan that is supported by a Site Conceptual Model (SCM).

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id:	T10000004796
Contact Type:	Local Agency Caseworker
Contact Name:	KAREL DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	karel.detterman@acgov.org
Phone Number:	5105676708
Global Id:	T10000004796
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

**Status History:**

Global Id:	T10000004796
Status:	Open - Case Begin Date
Status Date:	11/13/2012
Global Id:	T10000004796
Status:	Open - Site Assessment
Status Date:	06/01/2013

**Regulatory Activities:**

Global Id:	T10000004796
Action Type:	ENFORCEMENT
Date:	02/06/2014
Action:	Notice of Responsibility - #20140206
Global Id:	T10000004796
Action Type:	RESPONSE
Date:	07/31/2014
Action:	Other Workplan
Global Id:	T10000004796
Action Type:	ENFORCEMENT
Date:	02/10/2014
Action:	Staff Letter - #20140210
Global Id:	T10000004796
Action Type:	Other
Date:	11/13/2012
Action:	Leak Discovery
Global Id:	T10000004796
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOP N GO MARKET (07-785) (Continued)**

**S101624302**

Date: 05/01/2014  
Action: Staff Letter - #20140501  
  
Global Id: T10000004796  
Action Type: Other  
Date: 11/13/2012  
Action: Leak Reported

**CA FID UST:**

Facility ID: 01002624  
Regulated By: UTNKA  
Regulated ID: 00019847  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4156389698  
Mail To: Not reported  
Mailing Address: 4855 ATHERTON AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: OAKLAND 94601  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: Active  
Comp Number: 19847  
Number: 9  
Board Of Equalization: 44-000255  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 7-7851  
SWRCB Tank Id: 01-000-019847-000001  
Tank Status: A  
Capacity: 9980  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: Active  
Comp Number: 19847  
Number: 9  
Board Of Equalization: 44-000255  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 7-7852  
SWRCB Tank Id: 01-000-019847-000002  
Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOP N GO MARKET (07-785) (Continued)**

**S101624302**

Capacity: 9980  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: LEADED  
Number Of Tanks: Not reported  
  
Status: Active  
Comp Number: 19847  
Number: 9  
Board Of Equalization: 44-000255  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 7-7853  
SWRCB Tank Id: 01-000-019847-000003  
Tank Status: A  
Capacity: 9980  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**J66  
SE  
1/8-1/4  
0.211 mi.  
1113 ft.**

**STOP N GO MARKET (07-785)  
7701 BANCROFT AVE  
OAKLAND, CA 94601  
Site 2 of 2 in cluster J**

**HIST UST U001599030  
N/A**

**Relative:  
Lower**

HIST UST:  
Region: STATE  
Facility ID: 00000019847  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: ROCK GOODMAN  
Telephone: 4156389698  
Owner Name: NATIONAL CONVENIENCE STORES, I  
Owner Address: 100 WAUGH DR.  
Owner City,St,Zip: HOUSTON, TX 77007  
Total Tanks: 0003

**Actual:  
53 ft.**

Tank Num: 001  
Container Num: 07-7851  
Year Installed: 1976  
Tank Capacity: 00009980  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 07-7852  
Year Installed: 1976  
Tank Capacity: 00009980  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOP N GO MARKET (07-785) (Continued)**

**U001599030**

Leak Detection: Stock Inventor  
  
Tank Num: 003  
Container Num: 07-7853  
Year Installed: 1976  
Tank Capacity: 00009980  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

**I67  
NW  
1/8-1/4  
0.212 mi.  
1121 ft.**

**BEACON  
6600 FOOTHILL BLVD  
OAKLAND, CA 94605**

**Site 3 of 7 in cluster I**

**HIST CORTESE  
LUST  
CA FID UST  
Alameda County CS  
SWEEPS UST**

**S101624429  
N/A**

**Relative:  
Higher**

HIST CORTESE:  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-2481

**Actual:  
77 ft.**

LUST:  
Region: STATE  
Global Id: T0600102286  
Latitude: 37.7706278102089  
Longitude: -122.18152731657  
Case Type: Not reported  
Status: Open - Eligible for Closure  
Status Date: 06/03/2013  
Lead Agency: Not reported  
Case Worker: KEN  
Local Agency: Not reported  
RB Case Number: 01-2481  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at <https://ehgis.acgov.org/dehpublic/dehpublic.jsp>. One UST removed in December 1998. Site investigations following in 2001, 2002 & in 2005. Elevated contaminant concentrations in groundwater. Data gap work plan approved in Feb 2009. Data to be incorporated into an FS/CAP. EBMUD utility trench show to be a preferential pathway. Length of plume not delineated.

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

Contact:  
Global Id: T0600102286  
Contact Type: Local Agency Caseworker  
Contact Name: KEITH NOWELL  
Organization Name: ALAMEDA COUNTY LOP  
Address: 1131 Harbor Bay Parkway  
City: ALAMEDA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Email: keith.nowell@acgov.org  
Phone Number: 5105676764  
  
Global Id: T0600102286  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**

Global Id: T0600102286  
Status: Open - Assessment & Interim Remedial Action  
Status Date: 05/26/2011

Global Id: T0600102286  
Status: Open - Case Begin Date  
Status Date: 12/16/1998

Global Id: T0600102286  
Status: Open - Eligible for Closure  
Status Date: 06/03/2013

Global Id: T0600102286  
Status: Open - Site Assessment  
Status Date: 12/21/1998

**Regulatory Activities:**

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 10/14/2010  
Action: Staff Letter - #20101014

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 06/10/2010  
Action: Staff Letter - #20100610

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 09/18/2008  
Action: Staff Letter - #20080918

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 06/04/2012  
Action: File review

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 01/30/2015  
Action: Email Correspondence - #20150130

Global Id: T0600102286

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Action Type:	RESPONSE
Date:	09/06/2002
Action:	Soil and Water Investigation Report
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	03/30/1999
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	03/30/2004
Action:	Soil and Water Investigation Workplan - Addendum
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	07/24/2001
Action:	Soil and Water Investigation Report
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	12/05/2005
Action:	Soil and Water Investigation Report
Global Id:	T0600102286
Action Type:	REMEDIATION
Date:	05/26/2011
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	10/16/2009
Action:	Soil and Water Investigation Report
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	10/29/2007
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	01/24/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	01/08/1999
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	11/30/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	10/26/2007
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	01/27/2012
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	07/31/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	05/12/2010
Action:	Staff Letter - #20100512
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	06/18/2009
Action:	Letter - Notice
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	03/23/2011
Action:	Staff Letter - #20110323
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	07/24/2008
Action:	Technical Correspondence / Assistance / Other - #20080724
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	12/13/2010
Action:	Pilot Study / Treatability Workplan
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	10/12/2007
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	08/19/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	05/14/2004
Action:	Monitoring Report - Quarterly



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Global Id:	T0600102286
Action Type:	RESPONSE
Date:	06/04/2007
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	11/19/2010
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	04/18/2011
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	12/14/2003
Action:	Monitoring Report - Other
Global Id:	T0600102286
Action Type:	Other
Date:	12/16/1998
Action:	Leak Stopped
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	03/02/2015
Action:	Other Report - #20150302
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	02/06/2015
Action:	Staff Letter - #20150206
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	05/10/2011
Action:	Pilot Study/ Treatability Report
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	10/04/2013
Action:	Clean Up Fund - Letter to RP
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	03/06/2015
Action:	Closure/No Further Action Letter
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	02/06/2009
Action:	Technical Correspondence / Assistance / Other - #20090206
Global Id:	T0600102286
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Date: 01/02/2009  
Action: Technical Correspondence / Assistance / Other - #20090102

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 02/13/2014  
Action: Technical Correspondence / Assistance / Other - #20140213

Global Id: T0600102286  
Action Type: RESPONSE  
Date: 04/20/2002  
Action: Monitoring Report - Quarterly

Global Id: T0600102286  
Action Type: RESPONSE  
Date: 11/29/2010  
Action: Correspondence

Global Id: T0600102286  
Action Type: RESPONSE  
Date: 10/20/2008  
Action: Other Workplan

Global Id: T0600102286  
Action Type: RESPONSE  
Date: 07/16/2008  
Action: Correspondence

Global Id: T0600102286  
Action Type: RESPONSE  
Date: 09/05/2012  
Action: Correspondence

Global Id: T0600102286  
Action Type: RESPONSE  
Date: 12/28/1998  
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600102286  
Action Type: RESPONSE  
Date: 09/22/2010  
Action: Correspondence

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 06/22/2014  
Action: Staff Letter - #20140622

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 02/10/2011  
Action: Staff Letter - #20110210

Global Id: T0600102286  
Action Type: ENFORCEMENT  
Date: 06/18/2009  
Action: Notice to Comply - #20090618

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Global Id:	T0600102286
Action Type:	RESPONSE
Date:	02/23/1992
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	03/09/1999
Action:	Well Installation Workplan
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	07/02/2003
Action:	Soil and Water Investigation Workplan
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	12/20/1998
Action:	Other Report / Document
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	01/04/1999
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	09/01/1998
Action:	Tank Removal Workplan
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	01/18/2002
Action:	Soil and Water Investigation Workplan
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	03/26/2015
Action:	Correspondence
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	02/03/2009
Action:	Soil and Water Investigation Workplan - Addendum
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	12/05/2008
Action:	Staff Letter - #20081205
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	09/18/2008
Action:	Technical Correspondence / Assistance / Other - #20080918
Global Id:	T0600102286
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Date:	12/05/2008
Action:	Staff Letter - #20081205
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	06/05/2014
Action:	State Water Board Closure Order
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	11/06/2013
Action:	Technical Correspondence / Assistance / Other - #20131106
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	12/04/2013
Action:	Technical Correspondence / Assistance / Other - #20131204
Global Id:	T0600102286
Action Type:	Other
Date:	12/21/1998
Action:	Leak Reported
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	01/02/2009
Action:	Staff Letter - #20090102
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	10/04/2013
Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	01/12/1999
Action:	Staff Letter
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	03/28/2008
Action:	Rescission of Enforcement Action
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	10/31/2013
Action:	Technical Correspondence / Assistance / Other - #20131031
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	10/28/2013
Action:	Staff Letter - #20131028
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	04/23/2012
Action:	Clean Up Fund - 5-Year Review Summary - Regulator Responded

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	03/28/2008
Action:	* NEL - #20080328
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	12/02/2011
Action:	Staff Letter - #20111202
Global Id:	T0600102286
Action Type:	ENFORCEMENT
Date:	02/27/2015
Action:	Staff Letter - #20150227
Global Id:	T0600102286
Action Type:	Other
Date:	12/16/1998
Action:	Leak Discovery
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	05/27/2008
Action:	Soil and Water Investigation Report
Global Id:	T0600102286
Action Type:	RESPONSE
Date:	09/15/2010
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0600102286
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Not reported

**LUST REG 2:**

Region:	2
Facility Id:	01-2481
Facility Status:	Leak being confirmed
Case Number:	01-2481
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	9/29/1999
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

**CA FID UST:**

Facility ID:	01002677
Regulated By:	UTNKA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Regulated ID: 00036169  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4156525575  
Mail To: Not reported  
Mailing Address: 6600 FOOTHILL BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: OAKLAND 94608  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

Alameda County CS:

Status: Leak Confirmation  
Record Id: RO0000175  
PE: 5602

Status: Preliminary Site Assessment Workplan Submitted  
Record Id: RO0000175  
PE: 5602

Status: Preliminary Site Assessment Underway  
Record Id: RO0000175  
PE: 5602

Status: Pollution Characterization  
Record Id: RO0000175  
PE: 5602

SWEEPS UST:

Status: Active  
Comp Number: 36169  
Number: 9  
Board Of Equalization: 44-000372  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 1  
SWRCB Tank Id: 01-000-036169-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: 3

Status: Active  
Comp Number: 36169  
Number: 9  
Board Of Equalization: 44-000372  
Referral Date: 07-01-85

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**S101624429**

Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 2  
SWRCB Tank Id: 01-000-036169-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 36169  
Number: 9  
Board Of Equalization: 44-000372  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 3  
SWRCB Tank Id: 01-000-036169-000003  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: UNKNOWN  
STG: P  
Content: Not reported  
Number Of Tanks: Not reported

**I68  
NW  
1/8-1/4  
0.212 mi.  
1121 ft.**

**SEKHON GAS STATION  
6600 FOOTHILL BLVD  
OAKLAND, CA 94605  
Site 4 of 7 in cluster I**

**UST U003805047  
N/A**

**Relative:  
Higher**

UST:  
Facility ID: 242  
Permitting Agency: OAKLAND, CITY OF  
Latitude: 37.7719509  
Longitude: -122.180096

**Actual:  
77 ft.**

ALAMEDA CO. UST:  
Facility ID: FA0321493  
Facility Status: Active  
Program Element: 4102  
Description: UNDERGROUND STORAGE TANK 2 CONTAINERS  
Inspection Date: 12/30/1899  
Closed: Not reported  
Owner Name: ZAROON, INC.  
Owner ID: OW0324600

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

I69  
NW  
1/8-1/4  
0.212 mi.  
1121 ft.

**FOOTHILL SHELL**  
**6600 FOOTHILL BLVD**  
**OAKLAND, CA 94608**

**Site 5 of 7 in cluster I**

**HIST UST**    **U001599277**  
**N/A**

**Relative:**  
**Higher**

HIST UST:

Region: STATE  
Facility ID: 00000036169  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: 4156525575  
Owner Name: JAVAD FARROKHTALA  
Owner Address: 3300 POWELL ST. #16  
Owner City,St,Zip: EMERYVILLE, CA 94608  
Total Tanks: 0003

**Actual:**  
**77 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor, 10

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

K70  
ENE  
1/8-1/4  
0.222 mi.  
1174 ft.

**LEAVEN F D**  
**2766 73RD AVE**  
**OAKLAND, CA**

**Site 1 of 5 in cluster K**

**EDR US Hist Cleaners**    **1009141435**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Cleaners:

Name: LEAVEN F D  
Year: 1933  
Type: CLOTHES PRESSERS AND CLEANERS

**Actual:**  
**88 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

I71  
NW  
1/8-1/4  
0.226 mi.  
1194 ft.

EVANS BURT  
6548 FOOTHILL BLVD  
OAKLAND, CA

Site 6 of 7 in cluster I

EDR US Hist Auto Stat

1009013314  
N/A

Relative:  
Higher

EDR Historical Auto Stations:

Actual:  
76 ft.

Name: EVANS BURT  
Year: 1943  
Type: GASOLINE AND OIL SERVICE STATIONS

Name: IN & OUT AUTO SERVICE  
Year: 2000  
Address: 6548 FOOTHILL BLVD

Name: IN & OUT AUTO SERVICE  
Year: 2001  
Address: 6548 FOOTHILL BLVD

Name: HARRY AUTO CTR INC  
Year: 2002  
Address: 6548 FOOTHILL BLVD

Name: IN & OUT AUTO SERVICE  
Year: 2003  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE CTR  
Year: 2004  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2005  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2006  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2007  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2008  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2009  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2010  
Address: 6548 FOOTHILL BLVD

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2011  
Address: 6548 FOOTHILL BLVD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EVANS BURT (Continued)**

**1009013314**

Name: HARRYS QUALITY AUTOMOTIVE  
Year: 2012  
Address: 6548 FOOTHILL BLVD

**H72**  
**ENE**  
**1/8-1/4**  
**0.231 mi.**  
**1218 ft.**

**STOUT C S**  
**7200 MACARTHUR BLVD**  
**OAKLAND, CA**

**EDR US Hist Auto Stat**

**1009013386**  
**N/A**

**Site 2 of 2 in cluster H**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: STOUT C S  
Year: 1943

**Actual:**  
**96 ft.**

Type: AUTOMOBILE REPAIRING

Name: BETTER SERVICE AUTO SERVICE  
Year: 1967  
Type: AUTOMOBILE REPAIRING

**I73**  
**NW**  
**1/8-1/4**  
**0.235 mi.**  
**1239 ft.**

**MY VALET CLEANERS C& LAUNDRY**  
**6524 FOOTHILL BLVD**  
**OAKLAND, CA**

**EDR US Hist Cleaners**

**1009141552**  
**N/A**

**Site 7 of 7 in cluster I**

**Relative:**  
**Higher**

EDR Historical Cleaners:

Name: MY VALET CLEANERS C& LAUNDRY  
Year: 1967

**Actual:**  
**76 ft.**

Type: CLEANERS AND DYERS

**K74**  
**ENE**  
**1/8-1/4**  
**0.243 mi.**  
**1283 ft.**

**GAMMILL J C**  
**8934 FOOTHILL BLVD**  
**OAKLAND, CA**

**EDR US Hist Auto Stat**

**1009012485**  
**N/A**

**Site 2 of 5 in cluster K**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: GAMMILL J C  
Year: 1928

**Actual:**  
**94 ft.**

Type: GASOLINE AND OIL SERVICE STATIONS

Name: ARNESON A F  
Year: 1933  
Type: GASOLINE AND OIL SERVICE STATIONS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**K75**  
**ENE**  
**1/8-1/4**  
**0.244 mi.**  
**1286 ft.**  
**FIRESTONE EASTMONT 3141**  
**73RD MACAUTHUR**  
**OAKLAND, CA 94605**  
**Site 3 of 5 in cluster K**

**RCRA-SQG**  
**1000223006**  
**CAD981967599**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**92 ft.**

Date form received by agency: 09/01/1996  
Facility name: FIRESTONE EASTMONT 3141  
Facility address: 73RD MACAUTHUR  
OAKLAND, CA 94605  
EPA ID: CAD981967599  
Contact: Not reported  
Contact address: Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: FIRETONE TIRE & RUBBER  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
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  
NOT REQUIRED, ME 99999  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRESTONE EASTMONT 3141 (Continued)**

**1000223006**

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

**K76**  
**ENE**  
**1/8-1/4**  
**0.244 mi.**  
**1286 ft.**

**J.C. PENNEYS #836-7**  
**6950 EASTMONT MALL**  
**OAKLAND, CA 94605**

**HIST UST** **U001599090**  
**N/A**

**Site 4 of 5 in cluster K**

**Relative:**  
**Higher**

**HIST UST:**

Region: STATE  
Facility ID: 00000065940  
Facility Type: Other  
Other Type: DEPARTMENT STORE  
Contact Name: Not reported  
Telephone: 4156351000  
Owner Name: J.C. PENNEY PROPERTIES, INC.  
Owner Address: 1301 AVE OF THE AMERICAS  
Owner City,St,Zip: NEW YORK CITY, NY 10019  
Total Tanks: 0001

**Actual:**  
**92 ft.**

Tank Num: 001  
Container Num: W10 836  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: 5  
Container Construction Thickness: X  
Leak Detection: Stock Inventor

**K77**  
**ENE**  
**1/8-1/4**  
**0.245 mi.**  
**1292 ft.**

**KNOX E M**  
**9124 FOOTHILL BLVD**  
**OAKLAND, CA**

**EDR US Hist Auto Stat** **1009014347**  
**N/A**

**Site 5 of 5 in cluster K**

**Relative:**  
**Higher**

**EDR Historical Auto Stations:**

Name: KNOX E M  
Year: 1925  
Type: AUTOMOBILE REPAIRERS

**Actual:**  
**95 ft.**

Name: KNOX E M  
Year: 1928  
Type: AUTOMOBILE REPAIRING AND SERVICE STATIONS

Name: KNOX E M  
Year: 1933  
Type: AUTOMOBILE REPAIRING

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

78  
NW  
1/4-1/2  
0.302 mi.  
1594 ft.

**AUTO COLLISION CENTER**  
**6436 FOOTHILL BLVD**  
**OAKLAND, CA 94605**

**HIST CORTESE**  
**LUST**  
**Alameda County CS**  
**SWEEPS UST**  
**EMI**

**S100849720**  
**N/A**

**Relative:**  
**Higher**

HIST CORTESE:

Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0956

**Actual:**  
**75 ft.**

LUST:

Region: STATE  
Global Id: T0600100881  
Latitude: 37.770563  
Longitude: -122.182753  
Case Type: Not reported  
Status: Completed - Case Closed  
Status Date: 02/06/1996  
Lead Agency: Not reported  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-0956  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
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: T0600100881  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

Status History:

Global Id: T0600100881  
Status: Completed - Case Closed  
Status Date: 02/06/1996

Global Id: T0600100881  
Status: Open - Case Begin Date  
Status Date: 06/23/1991

Regulatory Activities:

Global Id: T0600100881  
Action Type: Other  
Date: 06/23/1991  
Action: Leak Reported

Global Id: T0600100881

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO COLLISION CENTER (Continued)**

**S100849720**

Action Type: ENFORCEMENT  
Date: 03/07/1995  
Action: \* Historical Enforcement - #UNK  
  
Global Id: T0600100881  
Action Type: REMEDIATION  
Date: 09/09/9999  
Action: Excavation

**LUST REG 2:**

Region: 2  
Facility Id: 01-0956  
Facility Status: Case Closed  
Case Number: 25  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: UNK  
Date Leak Confirmed: 6/15/1993  
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

**Alameda County CS:**

Status: Case Closed  
Record Id: RO0001017  
PE: 5602

**SWEEPS UST:**

Status: Not reported  
Comp Number: 7358  
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: 01-000-007358-000001  
Tank Status: Not reported  
Capacity: 550  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 1

**EMI:**

Year: 2003  
County Code: 1  
Air Basin: SF  
Facility ID: 15003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO COLLISION CENTER (Continued)**

**S100849720**

Air District Name: BA  
SIC Code: 7532  
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: 1  
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: 2004  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: 0.788  
Reactive Organic Gases Tons/Yr: 0.7227758  
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: 2005  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: .788  
Reactive Organic Gases Tons/Yr: .7227758  
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: 2006  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: .075

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO COLLISION CENTER (Continued)**

**S100849720**

Reactive Organic Gases Tons/Yr: .0707804  
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: 2007  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: .075  
Reactive Organic Gases Tons/Yr: .0707804  
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: 2008  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: .075  
Reactive Organic Gases Tons/Yr: .0707804  
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: 2009  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: 7.499999999999997E-2  
Reactive Organic Gases Tons/Yr: 7.078039999999999E-2  
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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO COLLISION CENTER (Continued)**

**S100849720**

Year: 2010  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: 7.499999999999997E-2  
Reactive Organic Gases Tons/Yr: 7.078039999999993E-2  
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: 2011  
County Code: 1  
Air Basin: SF  
Facility ID: 15003  
Air District Name: BA  
SIC Code: 7532  
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: 0.075  
Reactive Organic Gases Tons/Yr: 0.0707804  
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

79  
East  
1/4-1/2  
0.336 mi.  
1776 ft.

**HONG GARDNER PROPERTY**  
**7600 MACARTHUR BLVD**  
**OAKLAND, CA 94605**

**LUST** **S111345544**  
**Alameda County CS** **N/A**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**97 ft.**

Region: STATE  
Global Id: T10000003434  
Latitude: 37.7675810151944  
Longitude: -122.169460058212  
Case Type: Not reported  
Status: Open - Site Assessment  
Status Date: 12/09/2011  
Lead Agency: Not reported  
Case Worker: KLD  
Local Agency: Not reported  
RB Case Number: Not reported  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil, Soil Vapor,  
Under Investigation  
Potential Contaminants of Concern: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating  
Site History: In January 2007 a set of hydraulic lifts and two USTs filled with

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HONG GARDNER PROPERTY (Continued)**

**S111345544**

concrete in the 1970s were removed. Soil samples taken from soil borings placed through each former UST showed elevated petroleum hydrocarbons.

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id:	T10000003434
Contact Type:	Local Agency Caseworker
Contact Name:	KAREL DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	karel.detterman@acgov.org
Phone Number:	5105676708
Global Id:	T10000003434
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

**Status History:**

Global Id:	T10000003434
Status:	Open - Case Begin Date
Status Date:	12/09/2011
Global Id:	T10000003434
Status:	Open - Site Assessment
Status Date:	12/09/2011

**Regulatory Activities:**

Global Id:	T10000003434
Action Type:	Other
Date:	01/18/2007
Action:	Leak Stopped
Global Id:	T10000003434
Action Type:	ENFORCEMENT
Date:	03/03/2014
Action:	Staff Letter - #20140303
Global Id:	T10000003434
Action Type:	ENFORCEMENT
Date:	02/21/2012
Action:	File review
Global Id:	T10000003434
Action Type:	RESPONSE
Date:	11/30/2014
Action:	Soil and Water Investigation Workplan - Addendum
Global Id:	T10000003434
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HONG GARDNER PROPERTY (Continued)**

**S111345544**

Date:	11/01/2013
Action:	Staff Letter - #20131101
Global Id:	T10000003434
Action Type:	ENFORCEMENT
Date:	11/21/2012
Action:	Staff Letter - #20121121
Global Id:	T10000003434
Action Type:	ENFORCEMENT
Date:	11/14/2014
Action:	Meeting - #20141114
Global Id:	T10000003434
Action Type:	ENFORCEMENT
Date:	02/19/2014
Action:	Meeting - #20140219
Global Id:	T10000003434
Action Type:	ENFORCEMENT
Date:	07/26/2013
Action:	Staff Letter - #20130726
Global Id:	T10000003434
Action Type:	Other
Date:	10/19/2007
Action:	Leak Discovery
Global Id:	T10000003434
Action Type:	RESPONSE
Date:	04/30/2014
Action:	Site Investigation Workplan - Regulator Responded
Global Id:	T10000003434
Action Type:	ENFORCEMENT
Date:	11/14/2014
Action:	Staff Letter - #20141114
Global Id:	T10000003434
Action Type:	Other
Date:	09/16/2011
Action:	Leak Reported
Global Id:	T10000003434
Action Type:	RESPONSE
Date:	05/31/2013
Action:	Other Workplan

Alameda County CS:

Status:	Leak Confirmation
Record Id:	RO0003087
PE:	5602

Status:	Pollution Characterization
Record Id:	RO0003087
PE:	5602

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

80  
NNE  
1/2-1  
0.820 mi.  
4328 ft.

**ARCO SERVICE STATION NO. 6002**  
**6235 SEMINARY AVENUE**  
**OAKLAND, CA 92626**

**Notify 65**    **S100179347**  
**N/A**

**Relative:**  
**Higher**

**NOTIFY 65:**

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 92626

**Actual:**  
**244 ft.**

81  
SW  
1/2-1  
0.987 mi.  
5212 ft.

**MARY SIMS PROPERTY**  
**1091 71ST AVENUE**  
**OAKLAND, CA 94621**

**ENVIROSTOR**    **S102008260**  
**N/A**

**Relative:**  
**Lower**

**ENVIROSTOR:**

Facility ID: 1750015  
Status: Refer: Other Agency  
Status Date: 06/27/1994  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Berkeley  
Assembly: 18  
Senate: 09  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 37.7575  
Longitude: -122.1922  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MARY SIMS PROPERTY (Continued)**

**S102008260**

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

**82**  
**WNW**  
**1/2-1**  
**0.993 mi.**  
**5244 ft.**

**TUNE UP MASTERS #314**  
**5525 BANCROFT AVE**  
**OAKLAND, CA 94605**

**HIST CORTESE**  
**LUST**  
**Alameda County CS**  
**Notify 65**

**1000224705**  
**N/A**

**Relative:**  
**Higher**

HIST CORTESE:  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-1507

**Actual:**  
**62 ft.**

**LUST:**

Region: STATE  
Global Id: T0600101391  
Latitude: 37.771325  
Longitude: -122.196807  
Case Type: Not reported  
Status: Completed - Case Closed  
Status Date: 10/24/1996  
Lead Agency: Not reported  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-1507  
LOC Case Number: Not reported  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

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

**Contact:**

Global Id: T0600101391  
Contact Type: Regional Board Caseworker  
Contact Name: Cherie McCaulou  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY STREET, SUITE 1400  
City: OAKLAND  
Email: cmccaulou@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**

Global Id: T0600101391  
Status: Completed - Case Closed  
Status Date: 10/24/1996

Global Id: T0600101391  
Status: Open - Case Begin Date  
Status Date: 08/09/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TUNE UP MASTERS #314 (Continued)**

**1000224705**

Regulatory Activities:

Global Id: T0600101391  
Action Type: Other  
Date: 08/09/1990  
Action: Leak Reported

Global Id: T0600101391  
Action Type: REMEDIATION  
Date: 09/09/9999  
Action: Excavation

LUST REG 2:

Region: 2  
Facility Id: 01-1507  
Facility Status: Case Closed  
Case Number: 1126  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: 9/8/1994  
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

Alameda County CS:

Status: Case Closed  
Record Id: RO0001192  
PE: 5602

NOTIFY 65:

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 92626

Count: 9 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALAMEDA COUNTY	1015730668	BRANN STREET MERCURY	6408 BRANN STREET		CERCLIS
OAKLAND	S116165250	WHITTIER ELEMENTARY	62ND AVENUE/6328 EAST 17TH STR	94605	SCH, ENVIROSTOR
OAKLAND	S106784901	ELMHURST BUSINESS PARK	0 80TH & SAN LEANDRO ST	94621	Alameda County CS
OAKLAND	S116165249	WOODLAND ELEMENTARY SCHOOL	919/1001-1025 81ST AVENUE	94621	SCH, ENVIROSTOR
OAKLAND	S106784903	VERDESE CARTER PARK	0 98TH AVE & BANCROFT AVE	94601	Alameda County CS
OAKLAND	S114040110	STOP N GO GAS STATION	7701 BANCROFT AVE	94621	Alameda County CS
OAKLAND	S116165243	INTERNATIONAL BOULEVARD SITE	8000/8024/8040 INTERNATIONAL B	94621	SCH, ENVIROSTOR
OAKLAND	S116165233	U-HAUL/YUMAE SCHOOL SITE	5300/5490 INTERNATIONAL BOULEV	94601	SCH, ENVIROSTOR
OAKLAND	S117333349	PORT OF OAKLAND EZBH SITE	OAKLAND INTL. AIRPORT'S NORTH	94621	VCP, ENVIROSTOR

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
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	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

#### **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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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 (CERCLA). 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	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

## ***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	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/10/2015  
Date Data Arrived at EDR: 03/31/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 72

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

### ***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.

Date of Government Version: 03/10/2015  
Date Data Arrived at EDR: 03/31/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 72

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

### ***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.

Date of Government Version: 03/10/2015  
Date Data Arrived at EDR: 03/31/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 72

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

#### **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.

Date of Government Version: 03/10/2015  
Date Data Arrived at EDR: 03/31/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 72

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

#### **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.

Date of Government Version: 03/10/2015  
Date Data Arrived at EDR: 03/31/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 72

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### **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: 03/16/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2015	Telephone: 703-603-0695
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/01/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/14/2015
	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: 03/16/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2015	Telephone: 703-603-0695
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/01/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

### **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

## ***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: 05/04/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/05/2015	Telephone: 916-323-3400
Date Made Active in Reports: 05/14/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 05/04/2015  
Date Data Arrived at EDR: 05/05/2015  
Date Made Active in Reports: 05/14/2015  
Number of Days to Update: 9

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: 05/18/2015  
Date Data Arrived at EDR: 05/20/2015  
Date Made Active in Reports: 06/05/2015  
Number of Days to Update: 16

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 05/20/2015  
Next Scheduled EDR Contact: 08/31/2015  
Data Release Frequency: Quarterly

### ***State and tribal leaking storage tank lists***

#### 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  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

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  
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  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41

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  
Data Release Frequency: Varies

#### 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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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 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 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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 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 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 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### 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.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Semi-Annually

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Region 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.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

### 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  
Date Data Arrived at EDR: 05/05/2015  
Date Made Active in Reports: 06/22/2015  
Number of Days to Update: 48

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
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  
Date Data Arrived at EDR: 04/28/2015  
Date Made Active in Reports: 06/22/2015  
Number of Days to Update: 55

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Varies

### 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  
Date Data Arrived at EDR: 05/01/2015  
Date Made Active in Reports: 06/22/2015  
Number of Days to Update: 52

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 07/22/2015  
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 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 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  
Date Data Arrived at EDR: 01/08/2015  
Date Made Active in Reports: 02/09/2015  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/31/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015

Date Data Arrived at EDR: 02/12/2015

Date Made Active in Reports: 03/13/2015

Number of Days to Update: 29

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 07/22/2015

Next Scheduled EDR Contact: 11/09/2015

Data Release Frequency: Quarterly

### ***State and tribal registered storage tank lists***

#### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/15/2015

Date Data Arrived at EDR: 06/17/2015

Date Made Active in Reports: 07/06/2015

Number of Days to Update: 19

Source: SWRCB

Telephone: 916-341-5851

Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015

Data Release Frequency: Semi-Annually

#### AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009

Date Data Arrived at EDR: 09/10/2009

Date Made Active in Reports: 10/01/2009

Number of Days to Update: 21

Source: California Environmental Protection Agency

Telephone: 916-327-5092

Last EDR Contact: 07/13/2015

Next Scheduled EDR Contact: 10/12/2015

Data Release Frequency: Quarterly

### 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).

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 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)

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: 404-562-9424

Last EDR Contact: 07/22/2015

Next Scheduled EDR Contact: 11/09/2015

Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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).

Date of Government Version: 04/30/2015	Source: EPA Region 5
Date Data Arrived at EDR: 05/26/2015	Telephone: 312-886-6136
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

### 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).

Date of Government Version: 03/17/2015	Source: EPA Region 6
Date Data Arrived at EDR: 05/01/2015	Telephone: 214-665-7591
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

### 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).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

### 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).

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6137
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

### 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).

Date of Government Version: 12/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 02/13/2015	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

### INDIAN UST R10: 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 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/06/2015	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2015	Telephone: 206-553-2857
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 07/10/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Varies

### ***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

#### 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

#### 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: 05/04/2015  
Date Data Arrived at EDR: 05/05/2015  
Date Made Active in Reports: 05/14/2015  
Number of Days to Update: 9

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

### **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.

Date of Government Version: 03/23/2015  
Date Data Arrived at EDR: 03/24/2015  
Date Made Active in Reports: 06/02/2015  
Number of Days to Update: 70

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 06/24/2015  
Next Scheduled EDR Contact: 10/05/2015  
Data Release Frequency: Semi-Annually

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### 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.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: No Update Planned

### SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/15/2015  
Date Data Arrived at EDR: 06/17/2015  
Date Made Active in Reports: 08/03/2015  
Number of Days to Update: 47

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/17/2015  
Next Scheduled EDR Contact: 09/28/2015  
Data Release Frequency: Quarterly

### HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015  
Date Data Arrived at EDR: 05/28/2015  
Date Made Active in Reports: 06/05/2015  
Number of Days to Update: 8

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 08/12/2015  
Next Scheduled EDR Contact: 11/30/2015  
Data Release Frequency: Varies

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 05/01/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Varies

### 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.

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 08/04/2015  
Next Scheduled EDR Contact: 11/23/2015  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Local Lists of Hazardous waste / Contaminated Sites***

### **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
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: Quarterly

### **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: 05/04/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/05/2015	Telephone: 916-323-3400
Date Made Active in Reports: 05/14/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Quarterly

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

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
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

### **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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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  
Date Data Arrived at EDR: 03/10/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 15

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/29/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: No Update Planned

### **Local Lists of Registered Storage Tanks**

#### 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.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
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  
Date Data Arrived at EDR: 09/23/2009  
Date Made Active in Reports: 10/01/2009  
Number of Days to Update: 8

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  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

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

#### 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  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

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

### **Local Land Records**

#### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Varies

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/11/2015  
Date Data Arrived at EDR: 06/16/2015  
Date Made Active in Reports: 07/14/2015  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 06/05/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Varies

### 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.

Date of Government Version: 06/08/2015  
Date Data Arrived at EDR: 06/09/2015  
Date Made Active in Reports: 07/14/2015  
Number of Days to Update: 35

Source: DTSC and SWRCB  
Telephone: 916-323-3400  
Last EDR Contact: 06/09/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Semi-Annually

### ***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.

Date of Government Version: 03/30/2015  
Date Data Arrived at EDR: 03/31/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 72

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Annually

#### 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).

Date of Government Version: 06/15/2015  
Date Data Arrived at EDR: 07/28/2015  
Date Made Active in Reports: 08/03/2015  
Number of Days to Update: 6

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 07/28/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Varies

#### LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

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 Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/17/2015  
Next Scheduled EDR Contact: 09/28/2015  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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.

Date of Government Version: 06/15/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: 866-480-1028
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

### 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.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### **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.

Date of Government Version: 03/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2015	Telephone: (415) 495-8895
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

#### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/04/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Varies

#### 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

#### 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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/06/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 07/08/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Varies

### 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.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 06/02/2015  
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/22/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Varies

### 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

### 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  
Data Release Frequency: Varies

### 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: 12/30/2014  
Date Data Arrived at EDR: 12/31/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 06/03/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Semi-Annually

### 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

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

**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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 05/20/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Quarterly

**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

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 05/20/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Quarterly

**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.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

**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.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

**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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### 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.

Date of Government Version: 01/23/2015  
Date Data Arrived at EDR: 02/06/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 07/09/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Quarterly

### 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.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 10/15/2014  
Date Made Active in Reports: 11/17/2014  
Number of Days to Update: 33

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 07/17/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Annually

### 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

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 06/04/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Quarterly

### 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.

Date of Government Version: 04/07/2015  
Date Data Arrived at EDR: 04/09/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 07/09/2015  
Next Scheduled EDR Contact: 10/19/2015  
Data Release Frequency: Quarterly

### 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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### 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.

Date of Government Version: 02/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/13/2015	Telephone: 202-564-8600
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

### 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.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 05/29/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Biennially

### 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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/18/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/20/2015	Telephone: 916-445-9379
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 05/20/2015
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/31/2015
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014	Source: Department of Conservation
Date Data Arrived at EDR: 12/15/2014	Telephone: 916-445-2408
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 06/19/2015
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Varies

### 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).

Date of Government Version: 06/24/2015	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/26/2015	Telephone: 916-323-3400
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Quarterly

### 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
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### 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.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 06/17/2015
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: No Update Planned

### 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.

Date of Government Version: 02/18/2015	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 02/20/2015	Telephone: 916-327-4498
Date Made Active in Reports: 03/12/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Annually

### WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/22/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/30/2015  
Date Data Arrived at EDR: 05/01/2015  
Date Made Active in Reports: 05/13/2015  
Number of Days to Update: 12

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 08/07/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Varies

### 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  
Date Data Arrived at EDR: 10/15/2014  
Date Made Active in Reports: 11/19/2014  
Number of Days to Update: 35

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 07/17/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Annually

### EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 03/25/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 34

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 06/25/2015  
Next Scheduled EDR Contact: 10/05/2015  
Data Release Frequency: Varies

### 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

### 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  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 05/21/2015  
Next Scheduled EDR Contact: 08/31/2015  
Data Release Frequency: Varies

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013  
Date Data Arrived at EDR: 10/17/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 3

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 05/14/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007

Date Data Arrived at EDR: 06/20/2007

Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227

Last EDR Contact: 05/20/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Quarterly

### 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

Data Release Frequency: Varies

### 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

Source: Environmental Protection Agency

Telephone: 202-566-0517

Last EDR Contact: 07/31/2015

Next Scheduled EDR Contact: 11/09/2015

Data Release Frequency: Varies

### PROC: Certified Processors Database

A listing of certified processors.

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: Department of Conservation

Telephone: 916-323-3836

Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015

Data Release Frequency: Quarterly

### Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/30/2015

Date Data Arrived at EDR: 05/01/2015

Date Made Active in Reports: 05/13/2015

Number of Days to Update: 12

Source: Department of Toxic Substances Control

Telephone: 916-255-3628

Last EDR Contact: 07/24/2015

Next Scheduled EDR Contact: 11/09/2015

Data Release Frequency: Varies

### 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

Date Data Arrived at EDR: 03/21/2014

Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000

Last EDR Contact: 08/04/2015

Next Scheduled EDR Contact: 11/23/2015

Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
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

### 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/14/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Varies

### 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
Date Data Arrived at EDR: 07/14/2015	Telephone: 916-440-7145
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/14/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

### 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
Date Data Arrived at EDR: 05/28/2015	Telephone: 916-323-3400
Date Made Active in Reports: 06/05/2015	Last EDR Contact: 05/28/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

### 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: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 06/22/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014  
Date Data Arrived at EDR: 10/31/2014  
Date Made Active in Reports: 11/17/2014  
Number of Days to Update: 17

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/22/2015  
Next Scheduled EDR Contact: 10/22/2015  
Data Release Frequency: Annually

### 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 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  
Date Data Arrived at EDR: 03/10/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 08/12/2015  
Next Scheduled EDR Contact: 11/30/2015  
Data Release Frequency: Quarterly

### 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

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 06/12/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Varies

### 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  
Date Data Arrived at EDR: 06/09/2015  
Date Made Active in Reports: 07/14/2015  
Number of Days to Update: 35

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 06/09/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Varies

### 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

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 07/13/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Varies

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/18/2015  
Date Data Arrived at EDR: 05/22/2015  
Date Made Active in Reports: 06/05/2015  
Number of Days to Update: 14

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 05/18/2015  
Next Scheduled EDR Contact: 08/31/2015  
Data Release Frequency: Varies

## **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.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### **EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations**

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### **EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners**

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

### ***Exclusive Recovered Govt. Archives***

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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.

Date of Government Version: N/A

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/13/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 196

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### 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.

Date of Government Version: N/A

Source: State Water Resources Control Board

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 12/30/2013

Last EDR Contact: 06/01/2012

Number of Days to Update: 182

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

## 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

Source: Alameda County Environmental Health Services

Date Data Arrived at EDR: 07/24/2015

Telephone: 510-567-6700

Date Made Active in Reports: 08/05/2015

Last EDR Contact: 08/10/2015

Number of Days to Update: 12

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

Source: Alameda County Environmental Health Services

Date Data Arrived at EDR: 07/22/2015

Telephone: 510-567-6700

Date Made Active in Reports: 08/03/2015

Last EDR Contact: 07/13/2015

Number of Days to Update: 12

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

Source: Amador County Environmental Health

Date Data Arrived at EDR: 06/09/2015

Telephone: 209-223-6439

Date Made Active in Reports: 07/10/2015

Last EDR Contact: 06/05/2015

Number of Days to Update: 31

Next Scheduled EDR Contact: 09/21/2015

Data Release Frequency: Varies

### BUTTE COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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  
Date Data Arrived at EDR: 06/13/2014  
Date Made Active in Reports: 07/07/2014  
Number of Days to Update: 24

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 08/10/2015  
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  
Date Data Arrived at EDR: 05/29/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 13

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 08/03/2015  
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: 05/19/2015  
Date Data Arrived at EDR: 05/22/2015  
Date Made Active in Reports: 06/05/2015  
Number of Days to Update: 14

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 07/31/2015  
Next Scheduled EDR Contact: 11/16/2015  
Data Release Frequency: Varies

### EL DORADO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List CUPA facility list.

Date of Government Version: 05/26/2015  
Date Data Arrived at EDR: 05/29/2015  
Date Made Active in Reports: 06/05/2015  
Number of Days to Update: 7

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 08/03/2015  
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  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 08/03/2015  
Number of Days to Update: 20

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 07/06/2015  
Next Scheduled EDR Contact: 10/19/2015  
Data Release Frequency: Semi-Annually

### HUMBOLDT COUNTY:

#### CUPA Facility List CUPA facility list.

Date of Government Version: 03/11/2015  
Date Data Arrived at EDR: 03/13/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 11

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 07/14/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Varies

### IMPERIAL COUNTY:

#### CUPA Facility List Cupa facility list.

Date of Government Version: 04/27/2015  
Date Data Arrived at EDR: 04/28/2015  
Date Made Active in Reports: 05/13/2015  
Number of Days to Update: 15

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 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:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 05/05/2015  
Date Data Arrived at EDR: 05/07/2015  
Date Made Active in Reports: 05/20/2015  
Number of Days to Update: 13

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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 03/30/2015  
Date Data Arrived at EDR: 04/02/2015  
Date Made Active in Reports: 04/13/2015  
Number of Days to Update: 11

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 07/17/2015  
Next Scheduled EDR Contact: 11/02/2015  
Data Release Frequency: Semi-Annually

### City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/03/2015  
Date Data Arrived at EDR: 05/26/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 16

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 07/27/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Annually

### City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015  
Date Data Arrived at EDR: 06/04/2015  
Date Made Active in Reports: 07/06/2015  
Number of Days to Update: 32

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 06/04/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Semi-Annually

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/28/2015  
Date Data Arrived at EDR: 05/29/2015  
Date Made Active in Reports: 06/15/2015  
Number of Days to Update: 17

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 05/22/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Varies

### MARIN COUNTY:

#### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014  
Date Data Arrived at EDR: 10/22/2014  
Date Made Active in Reports: 12/15/2014  
Number of Days to Update: 54

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 07/06/2015  
Next Scheduled EDR Contact: 10/19/2015  
Data Release Frequency: Semi-Annually

### MERCED 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: 06/05/2015  
Number of Days to Update: 10

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 05/22/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Varies

### MONO COUNTY:

#### CUPA Facility List

CUPA Facility List

Date of Government Version: 06/01/2015  
Date Data Arrived at EDR: 06/03/2015  
Date Made Active in Reports: 07/06/2015  
Number of Days to Update: 33

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 06/01/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Varies

### 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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 05/01/2015  
Date Data Arrived at EDR: 05/12/2015  
Date Made Active in Reports: 06/05/2015  
Number of Days to Update: 24

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/06/2015  
Next Scheduled EDR Contact: 11/23/2015  
Data Release Frequency: Annually

#### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2015  
Date Data Arrived at EDR: 05/12/2015  
Date Made Active in Reports: 06/08/2015  
Number of Days to Update: 27

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/06/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

#### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2015  
Date Data Arrived at EDR: 05/12/2015  
Date Made Active in Reports: 06/11/2015  
Number of Days to Update: 30

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/11/2015  
Next Scheduled EDR Contact: 11/23/2015  
Data Release Frequency: Quarterly

### PLACER COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/01/2015

Date Data Arrived at EDR: 07/07/2015

Date Made Active in Reports: 08/05/2015

Number of Days to Update: 29

Source: Placer County Health and Human Services

Telephone: 530-745-2363

Last EDR Contact: 06/22/2015

Next Scheduled EDR Contact: 09/21/2015

Data Release Frequency: Semi-Annually

### RIVERSIDE COUNTY:

#### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

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: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 06/22/2015

Next Scheduled EDR Contact: 10/05/2015

Data Release Frequency: Quarterly

#### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

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: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 06/22/2015

Next Scheduled EDR Contact: 10/05/2015

Data Release Frequency: Quarterly

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 leaking 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:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 06/26/2015  
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.

Date of Government Version: 07/20/2015  
Date Data Arrived at EDR: 07/22/2015  
Date Made Active in Reports: 08/03/2015  
Number of Days to Update: 12

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/15/2015  
Next Scheduled EDR Contact: 09/28/2015  
Data Release Frequency: Annually

#### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/10/2015  
Date Data Arrived at EDR: 06/16/2015  
Date Made Active in Reports: 07/14/2015  
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/10/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Semi-Annually

### SANTA BARBARA COUNTY:

#### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 05/22/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Varies

### SANTA CLARA COUNTY:

#### Cupa Facility List

Cupa facility list

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2015  
Date Data Arrived at EDR: 06/16/2015  
Date Made Active in Reports: 07/10/2015  
Number of Days to Update: 24

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 06/05/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Varies

### 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.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 06/01/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Annually

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/07/2015  
Date Data Arrived at EDR: 05/12/2015  
Date Made Active in Reports: 06/08/2015  
Number of Days to Update: 27

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 08/07/2015  
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  
Date Data Arrived at EDR: 05/26/2015  
Date Made Active in Reports: 06/08/2015  
Number of Days to Update: 13

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 05/22/2015  
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  
Date Data Arrived at EDR: 06/16/2015  
Date Made Active in Reports: 07/10/2015  
Number of Days to Update: 24

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 05/26/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Varies

### SOLANO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015

Date Data Arrived at EDR: 06/24/2015

Date Made Active in Reports: 07/14/2015

Number of Days to Update: 20

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770

Last EDR Contact: 06/10/2015

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

Date Data Arrived at EDR: 06/30/2015

Date Made Active in Reports: 07/07/2015

Number of Days to Update: 7

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770

Last EDR Contact: 06/10/2015

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

Date Data Arrived at EDR: 06/26/2015

Date Made Active in Reports: 07/14/2015

Number of Days to Update: 18

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174

Last EDR Contact: 06/22/2015

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

Date Data Arrived at EDR: 07/07/2015

Date Made Active in Reports: 07/14/2015

Number of Days to Update: 7

Source: Department of Health Services

Telephone: 707-565-6565

Last EDR Contact: 06/22/2015

Next Scheduled EDR Contact: 10/12/2015

Data Release Frequency: Quarterly

### SUTTER COUNTY:

#### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015

Date Data Arrived at EDR: 06/09/2015

Date Made Active in Reports: 07/06/2015

Number of Days to Update: 27

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500

Last EDR Contact: 06/05/2015

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

Date Data Arrived at EDR: 07/28/2015

Date Made Active in Reports: 08/03/2015

Number of Days to Update: 6

Source: Division of Environmental Health

Telephone: 209-533-5633

Last EDR Contact: 07/24/2015

Next Scheduled EDR Contact: 11/09/2015

Data Release Frequency: Varies

### VENTURA COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 06/26/2015	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 07/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 08/03/2015	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: 04/27/2015	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/29/2015	Telephone: 805-654-2813
Date Made Active in Reports: 05/13/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 14	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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/17/2015
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	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/13/2015	Telephone: 530-666-8646
Date Made Active in Reports: 07/22/2015	Last EDR Contact: 07/06/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

### YUBA COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/18/2015

Date Data Arrived at EDR: 05/19/2015

Date Made Active in Reports: 06/05/2015

Number of Days to Update: 17

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523

Last EDR Contact: 07/31/2015

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

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 05/18/2015

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: 05/01/2015

Date Data Arrived at EDR: 05/06/2015

Date Made Active in Reports: 05/20/2015

Number of Days to Update: 14

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: 12/31/2013

Date Data Arrived at EDR: 07/21/2014

Date Made Active in Reports: 08/25/2014

Number of Days to Update: 35

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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

EASTMONT TOWN CENTER  
7000 - 7200 BANCROFT AVENUE  
OAKLAND, CA 94605

### **TARGET PROPERTY COORDINATES**

Latitude (North):	37.7672 - 37° 46' 1.92"
Longitude (West):	122.1783 - 122° 10' 41.88"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	572372.9
UTM Y (Meters):	4180098.8
Elevation:	60 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5641110 OAKLAND EAST, CA
Version Date:	2012
South Map:	5641120 SAN LEANDRO, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

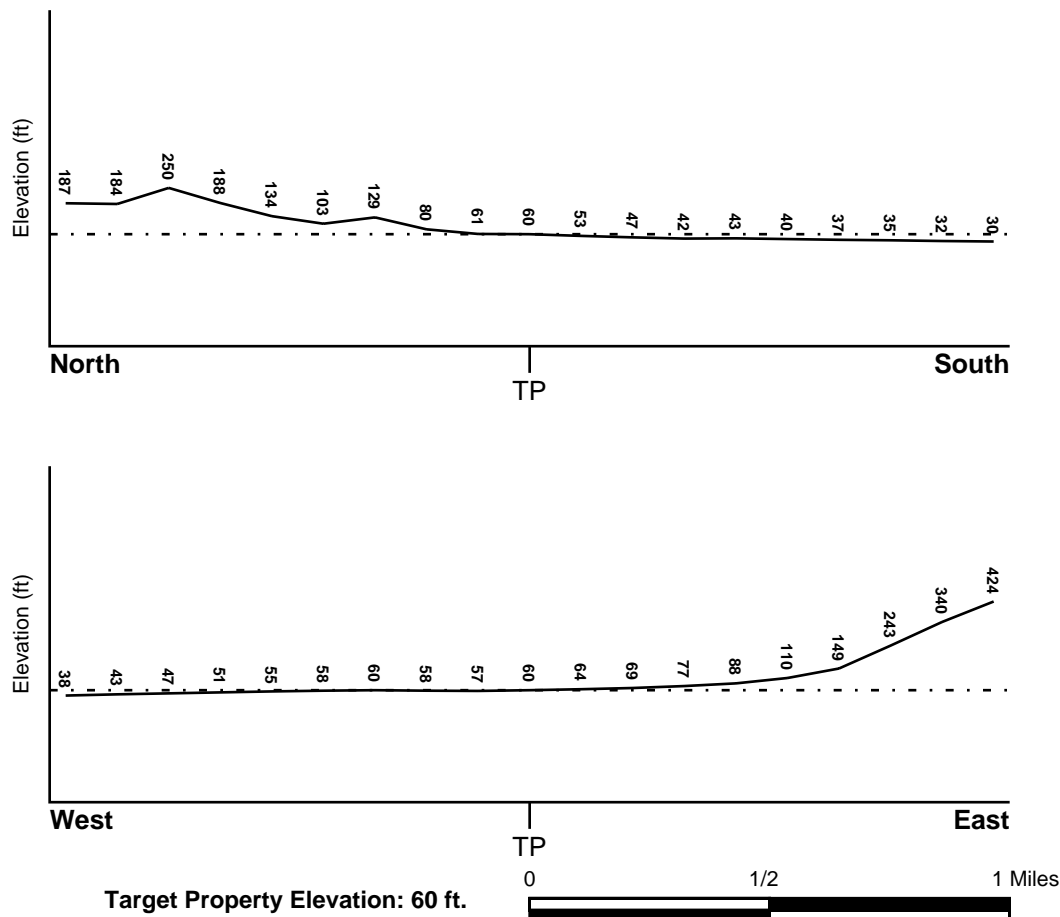
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

Target Property County  
ALAMEDA, CA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06001C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
OAKLAND EAST

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles  
Status: Not found

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	0 - 1/8 Mile SSE	Varies
A2	0 - 1/8 Mile SSE	Varies
A3	0 - 1/8 Mile SSE	Varies
6	1/2 - 1 Mile NNW	E
7	1/2 - 1 Mile SSW	NE
8	1/2 - 1 Mile ENE	E
B9	1/2 - 1 Mile NNE	NE
B10	1/2 - 1 Mile NNE	NE

For additional site information, refer to Physical Setting Source Map Findings.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

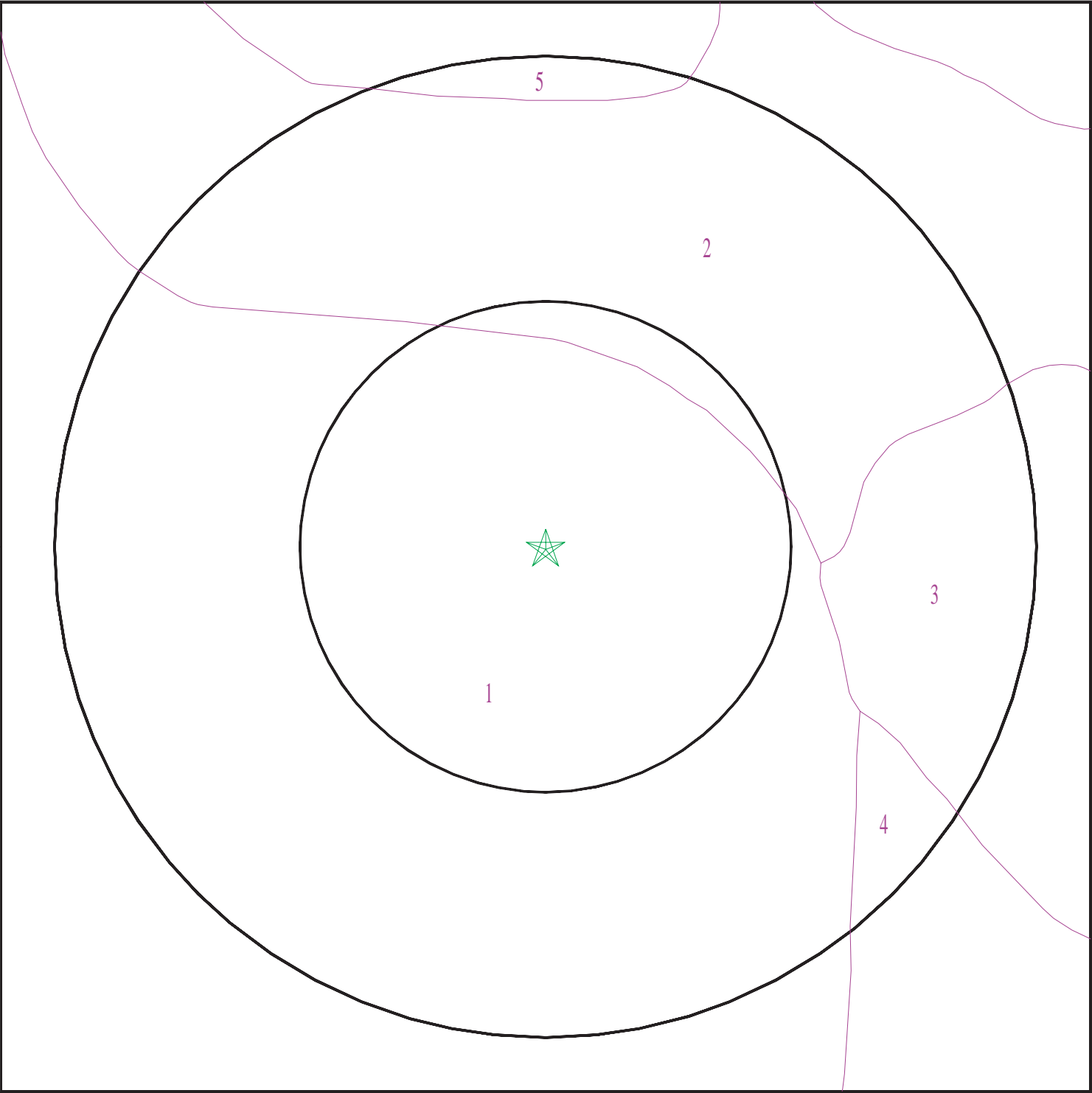
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

#### **GEOLOGIC AGE IDENTIFICATION**

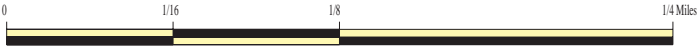
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 04383142.1r



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Eastmont Town Center  
ADDRESS: 7000 - 7200 Bancroft Avenue  
Oakland CA 94605  
LAT/LONG: 37.7672 / 122.1783

CLIENT: EnviroBusiness, Inc.  
CONTACT: Amy C. Zach  
INQUIRY #: 04383142.1r  
DATE: August 14, 2015 9:25 am

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

#### **Soil Map ID: 1**

Soil Component Name: Urban land

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 153 inches

No Layer Information available.

---

#### **Soil Map ID: 2**

Soil Component Name: Tierra

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	11 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 5.6
3	31 inches	59 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

### Soil Map ID: 3

Soil Component Name: Xerorthents

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	24 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.1

### Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 5

Soil Component Name: Tierra

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	11 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 7.3 Min: 5.6
3	31 inches	59 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

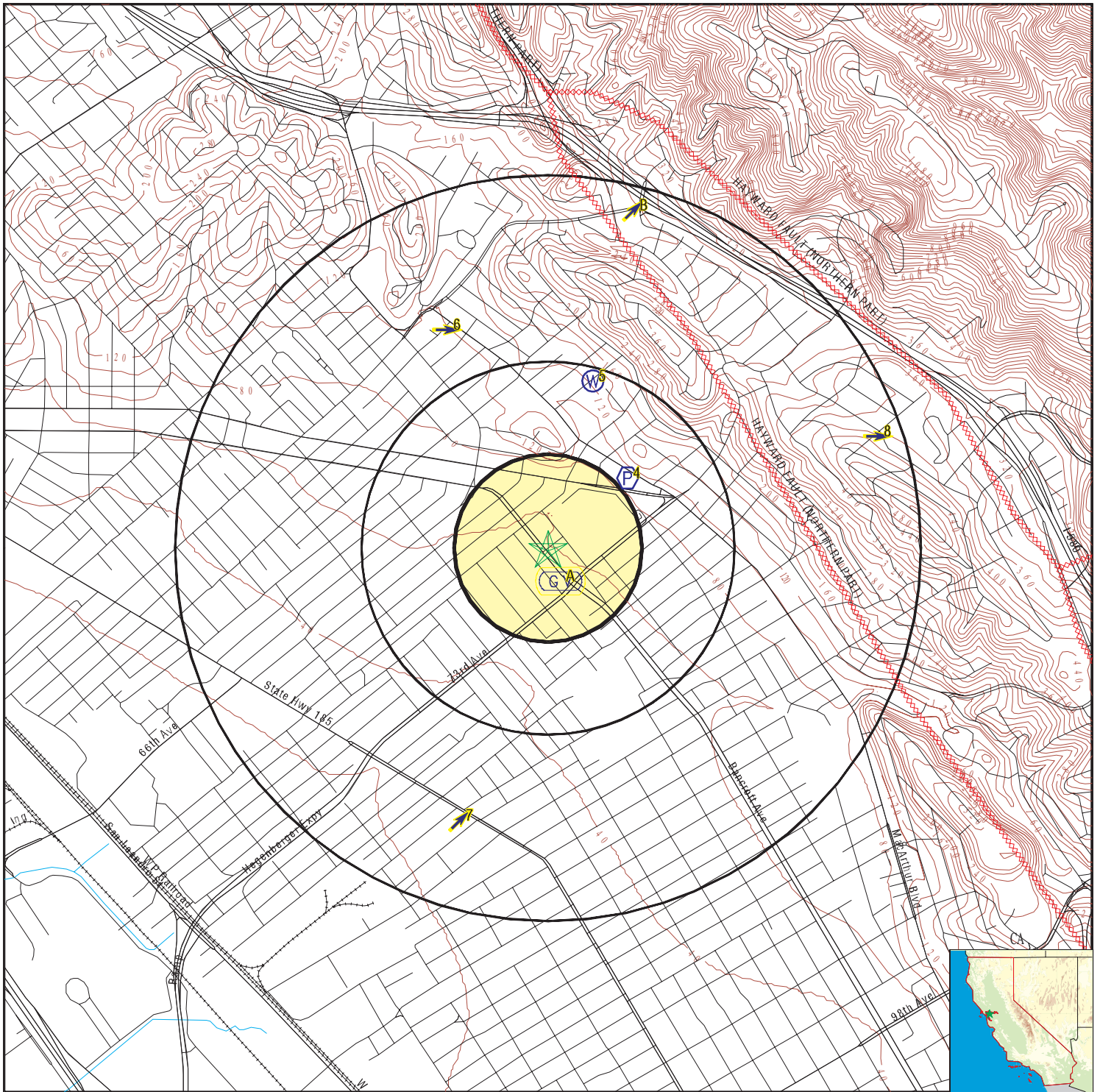
MAP ID	WELL ID	LOCATION FROM TP
<u>4</u>	<u>CA0105012</u>	<u>1/4 - 1/2 Mile NE</u>

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
<u>5</u>	<u>CADW50000030482</u>	<u>1/4 - 1/2 Mile NNE</u>

# PHYSICAL SETTING SOURCE MAP - 04383142.1r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Eastmont Town Center  
 ADDRESS: 7000 - 7200 Bancroft Avenue  
 Oakland CA 94605  
 LAT/LONG: 37.7672 / 122.1783

CLIENT: EnviroBusiness, Inc.  
 CONTACT: Amy C. Zach  
 INQUIRY #: 04383142.1r  
 DATE: August 14, 2015 9:25 am

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

<b>A1 SSE 0 - 1/8 Mile Lower</b>	Site ID: 01-0215		<b>AQUIFLOW</b>	<b>51865</b>
	Groundwater Flow: Varies			
	Shallow Water Depth: 18.00			
	Deep Water Depth: 33.74			
	Average Water Depth: Not Reported			
	Date: 02/06/1997			

<b>A2 SSE 0 - 1/8 Mile Lower</b>	Site ID: 01-0215		<b>AQUIFLOW</b>	<b>51866</b>
	Groundwater Flow: Varies			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 3-16			
	Date: 11/20/1998			

<b>A3 SSE 0 - 1/8 Mile Lower</b>	Site ID: 01-2263		<b>AQUIFLOW</b>	<b>51868</b>
	Groundwater Flow: Varies			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 120 f			
	Date: 09/17/1986			

<b>4 NE 1/4 - 1/2 Mile Higher</b>			<b>FRDS PWS</b>	<b>CA0105012</b>
---	--	--	-----------------	------------------

Epa region:	09	State:	CA
Pwsid:	CA0105012		
Pwsname:	EBRPD - SUNOL REGIONAL WILDERNESS		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06001
Status:	Active	Pop srvd:	35
Pwssvconn:	3	Source:	Groundwater
Pws type:	TNCWS	Owner:	Local_Govt
Contact:	GRAUL, MATTHEW		
Contact gname:	GRAUL, MATTHEW		
Contact phone:	510-544-2327	Contact address1:	PO Box 5381
Contact address2:	Not Reported	Contact city:	OAKLAND
Contact state:	CA	Contact zip:	94605-0381
Activity code:	A		

Facid:	1637		
Facname:	WELL 01 - TREATED		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	disinfection	Treatment process:	hypochlorination, post

Facid:	1638		
Facname:	WELL 02 - TREATED		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	disinfection	Treatment process:	hypochlorination, post

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Location Information:**

Name:	EBRPD - SUNOL REGIONAL WILDERNESS		
Pwstypcd:	TNCWS	Prmsrccd:	GW
Popsserved:	35		
Add1:	PO BOX 5381		
Add2:	Not Reported		
City:	OAKLAND	State:	CA
Zip:	94605-0381	Phone:	510-544-2327
Cityserv:	Not Reported	Cntyserv:	Alameda
Stateserv:	CA	Zipserv:	Not Reported

PWS ID:	CA0105012		
Date Initiated:	9307	Date Deactivated:	Not Reported
PWS Name:	EBRPD - SUNOL REGIONAL WILDERNESS		
	OAKLAND, CA 946050381		

Addressee / Facility: Not Reported

Facility Latitude:	37 46 12	Facility Longitude:	122 10 24
City Served:	Not Reported		
Treatment Class:	Treated	Population:	00000370

Violations information not reported.

**5  
NNE  
1/4 - 1/2 Mile  
Higher**

**CA WELLS      CADW50000030482**

Latitude :	37.7737		
Longitude :	122.1761		
Site code:	377737N1221761W001	Casgem sta:	02S03W10G001M
Local well:	Not Reported	Casgem s 1:	Irrigation
County id:	1		
Basin cd:	2-9.04	Basin desc:	East Bay Plain
Org unit n:	North Central Region Office	Site id:	CADW50000030482

**6  
NNW  
1/2 - 1 Mile  
Higher**

Site ID:	01-1217	<b>AQUIFLOW</b>	<b>65434</b>
Groundwater Flow:	E		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	Not Reported		
Date:	04/29/1991		

**7  
SSW  
1/2 - 1 Mile  
Lower**

Site ID:	01-1380	<b>AQUIFLOW</b>	<b>51542</b>
Groundwater Flow:	NE		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	5 bgs		
Date:	10/13/1989		

**8  
ENE  
1/2 - 1 Mile  
Higher**

Site ID:	01-2232	<b>AQUIFLOW</b>	<b>51543</b>
Groundwater Flow:	E		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	20-40		
Date:	06/06/1986		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database

EDR ID Number

**B9**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

Site ID: 01-0113  
Groundwater Flow: NE  
Shallow Water Depth: 6.77  
Deep Water Depth: 15.83  
Average Water Depth: Not Reported  
Date: 12/30/1998

**AQUIFLOW 53509**

**B10**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

Site ID: 01-0113  
Groundwater Flow: NE  
Shallow Water Depth: Not Reported  
Deep Water Depth: Not Reported  
Average Water Depth: 2.6  
Date: 11/16/1993

**AQUIFLOW 53510**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: CA Radon

#### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94605	29	0

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level  $\geq 2$  pCi/L and  $\leq 4$  pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 94605

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.250 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## **TOPOGRAPHIC INFORMATION**

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **HYDROLOGIC INFORMATION**

**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.

## **HYDROGEOLOGIC INFORMATION**

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## **GEOLOGIC INFORMATION**

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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## **APPENDIX F**

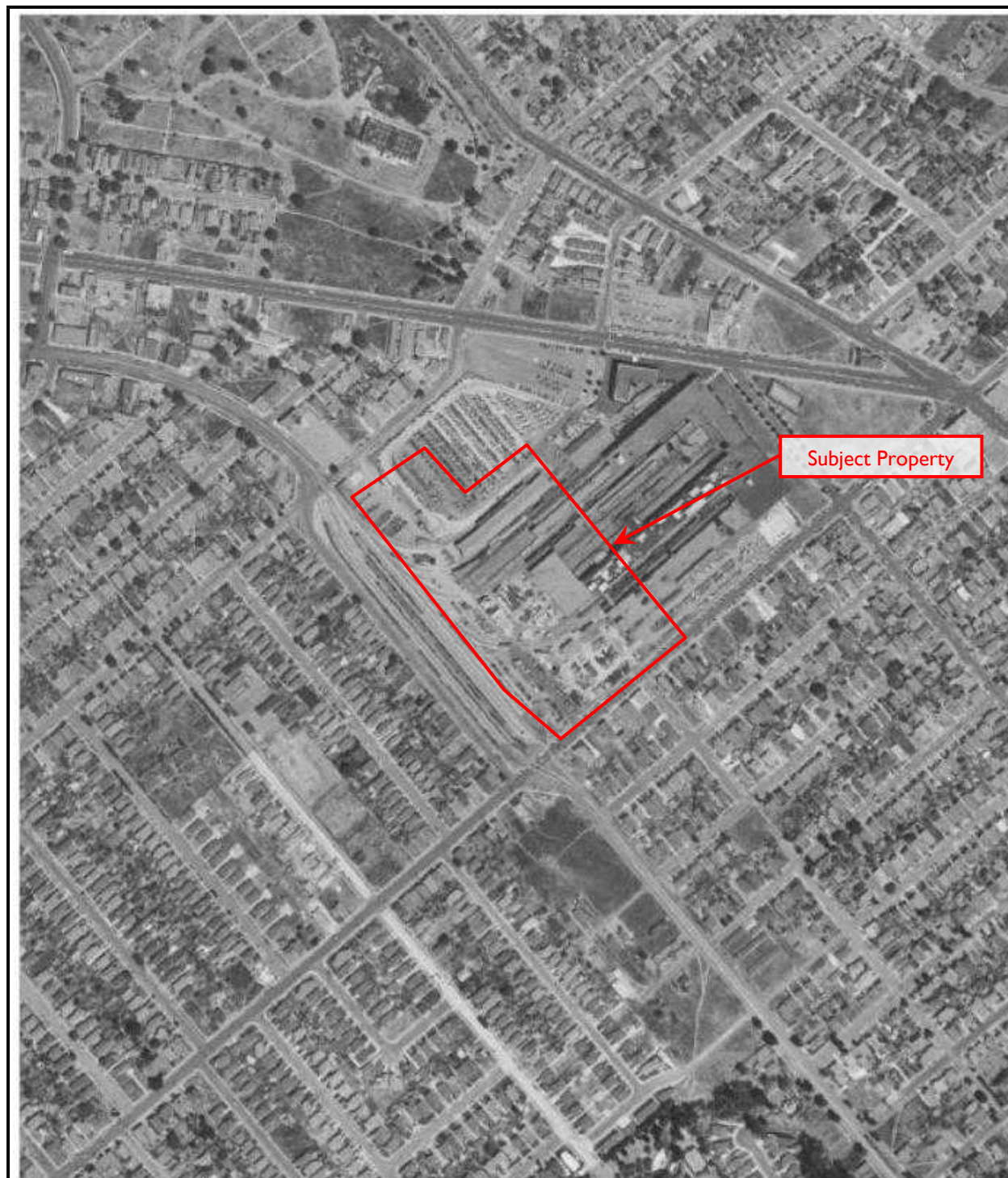
### **HISTORICAL DOCUMENTATION**



Aerial Photograph  
Year: 1939







Aerial Photograph  
Year: 1946







Aerial Photograph  
Year: 1958





Aerial Photograph  
Year: 1968







Aerial Photograph  
Year: 1974







Aerial Photograph  
Year: 1982







Aerial Photograph  
Year: 1993





Aerial Photograph  
Year: 1998







Aerial Photograph  
Year: 2005







Aerial Photograph  
Year: 2006







Aerial Photograph  
Year: 2009







Aerial Photograph  
Year: 2010

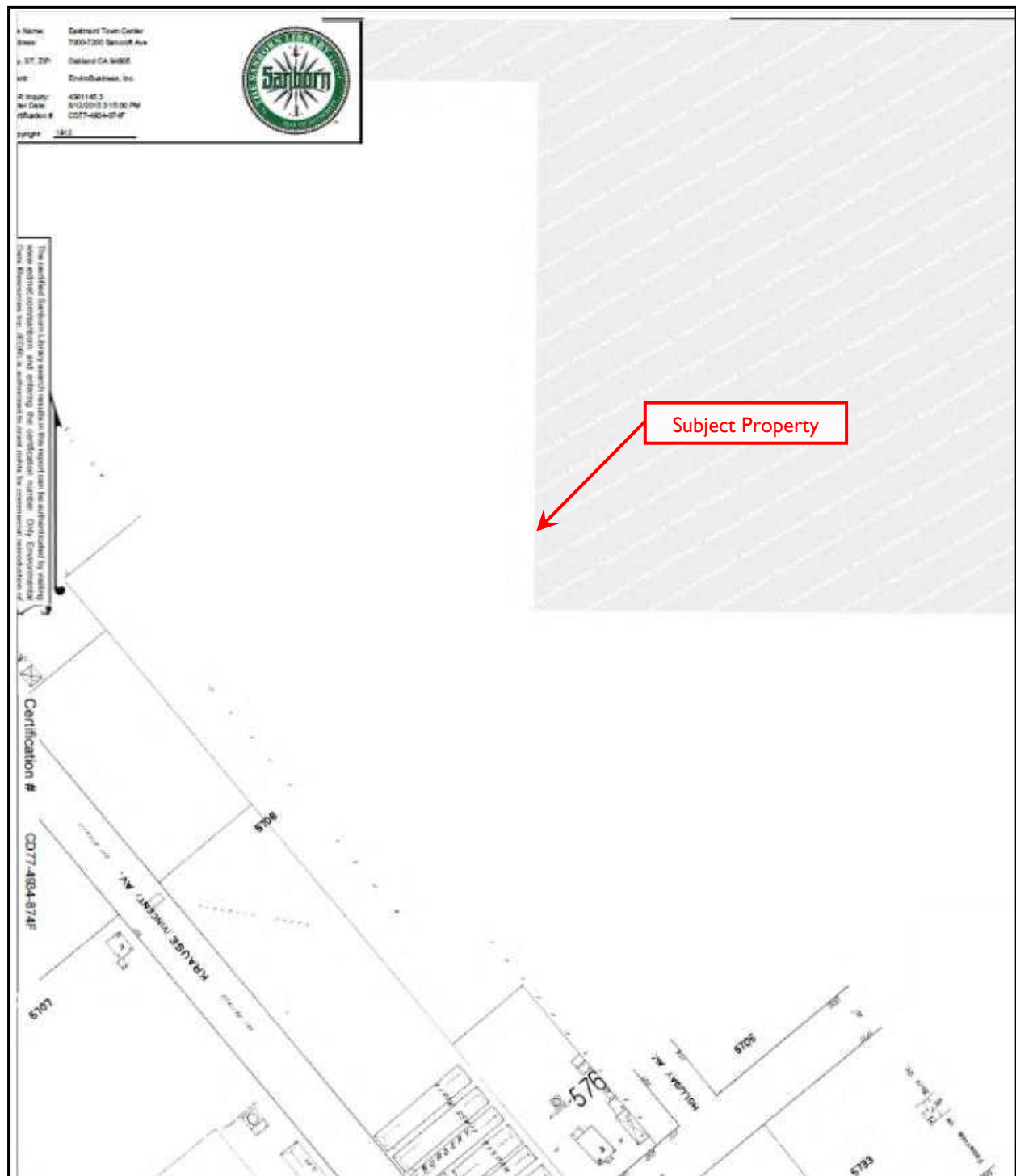






Aerial Photograph  
Year: 2012

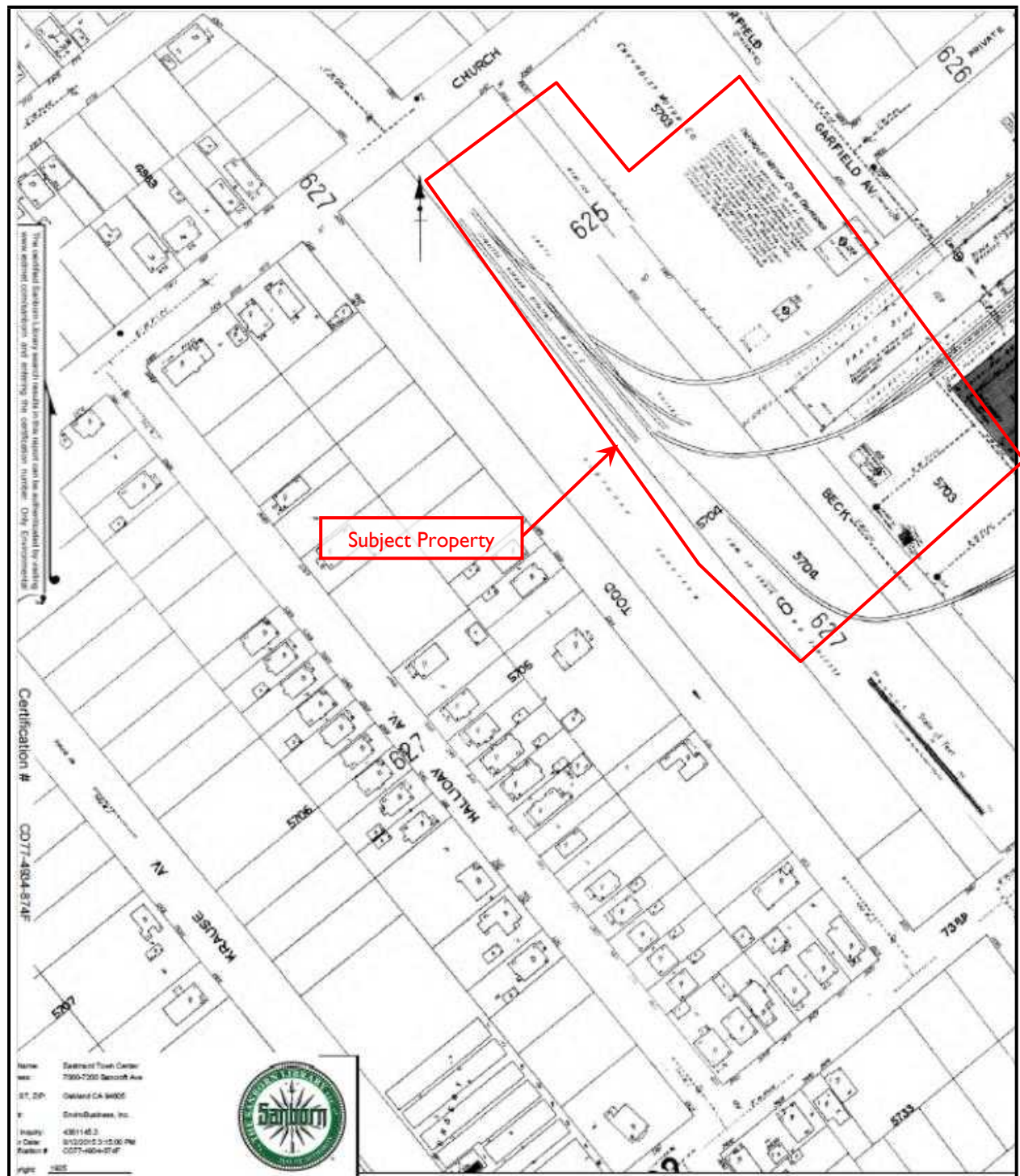


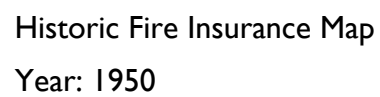


Historic Fire Insurance Map  
Year: 1912

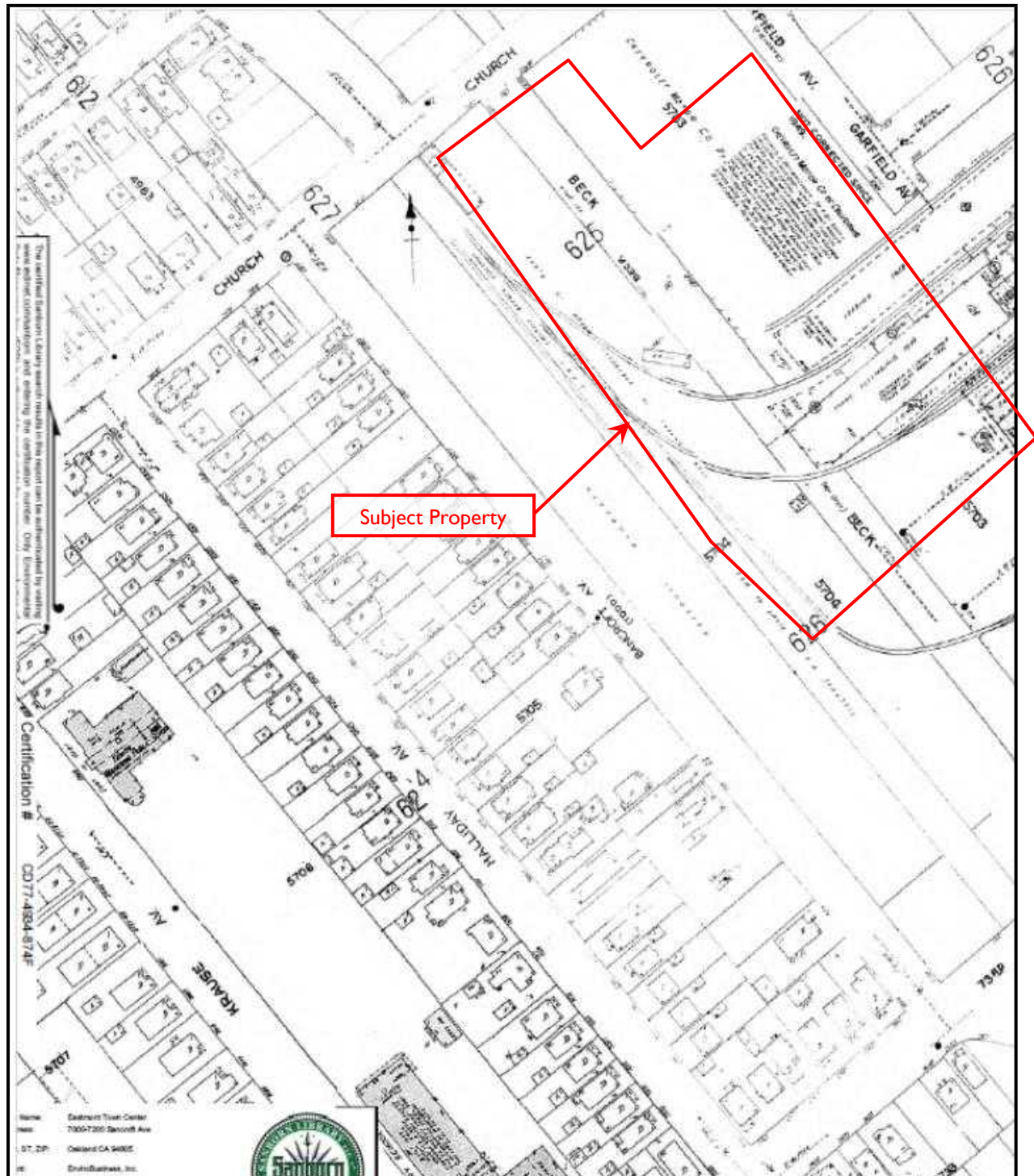








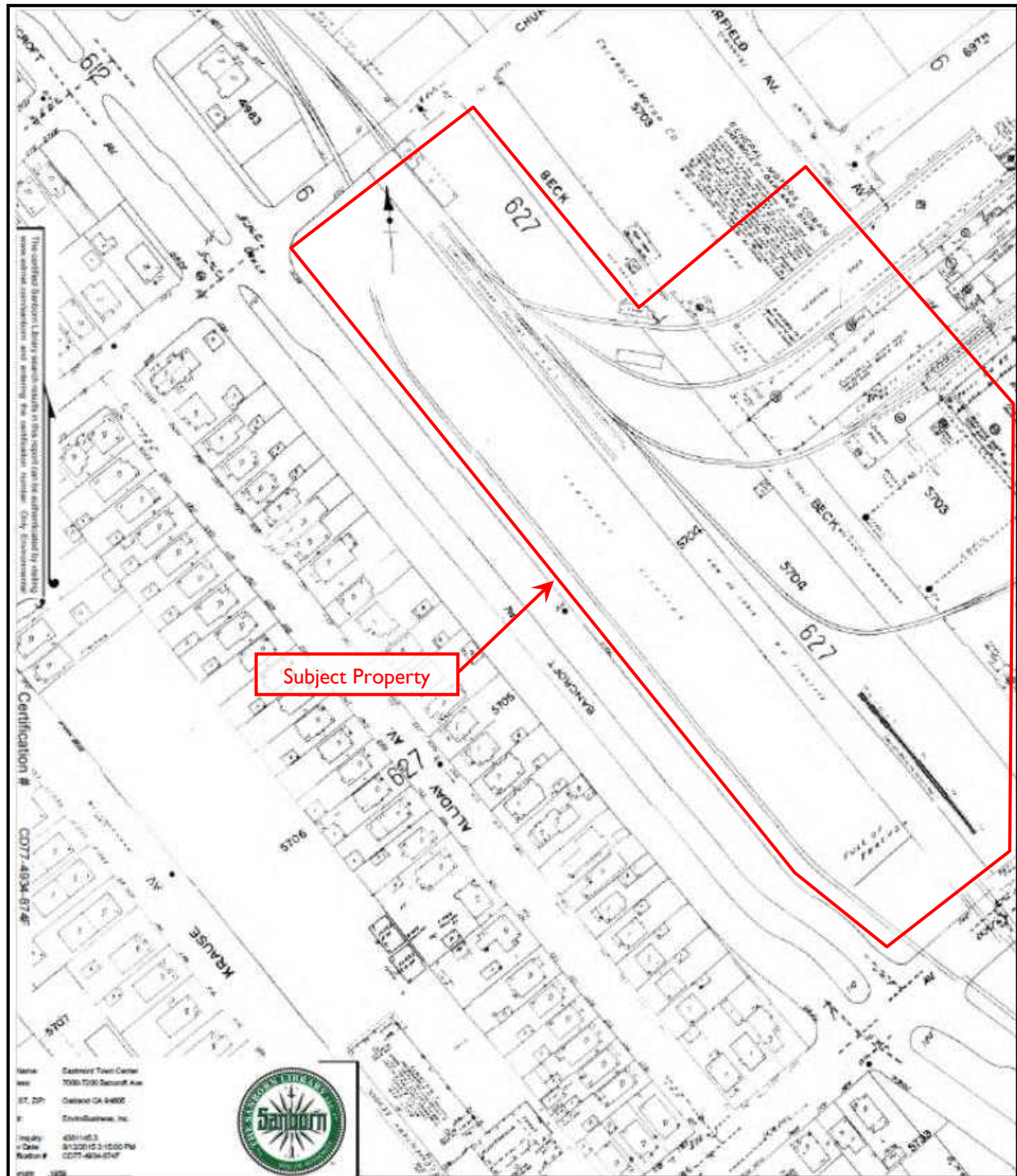




Historic Fire Insurance Map

Year: 1952

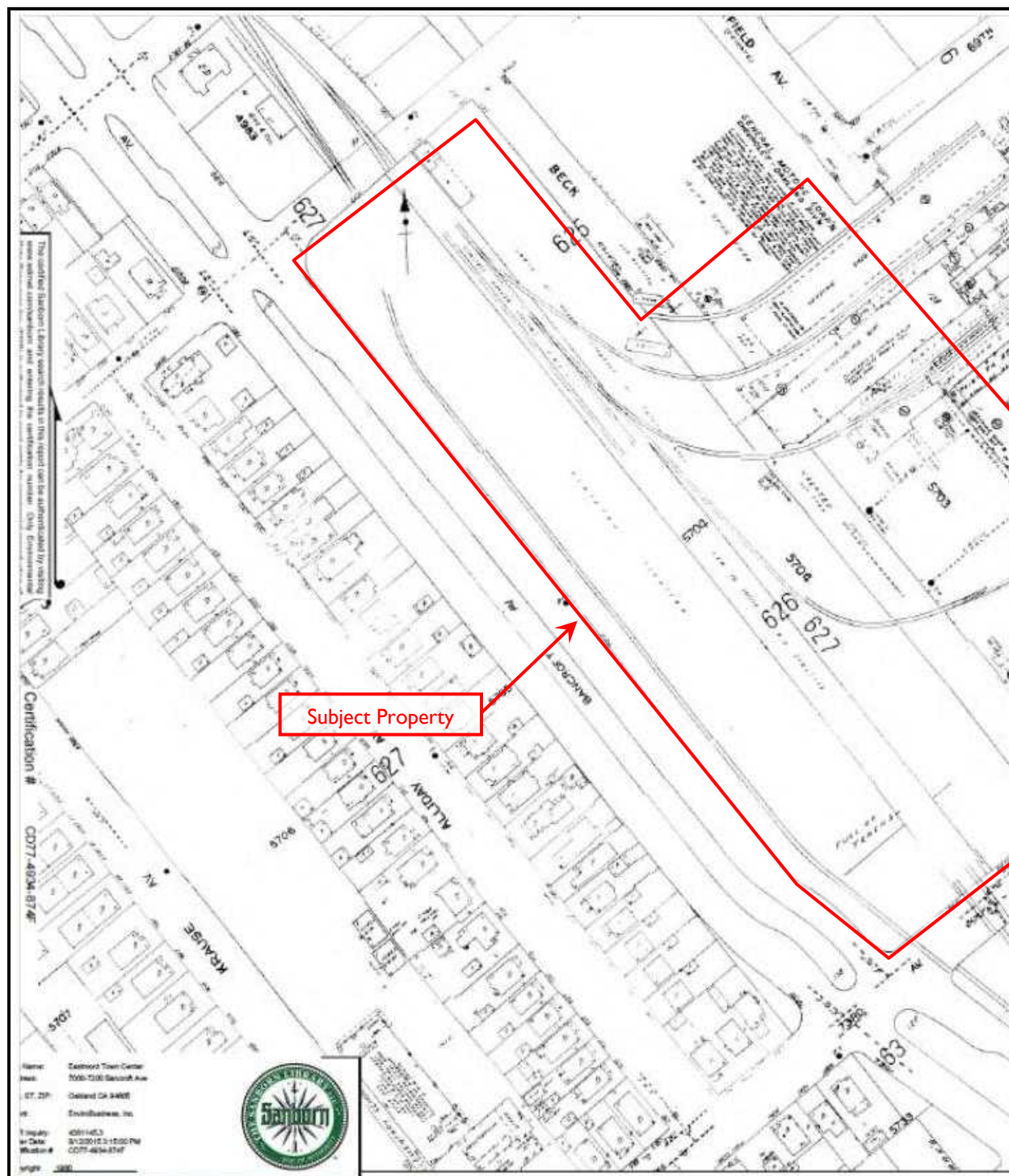




Historic Fire Insurance Map  
Year: 1959

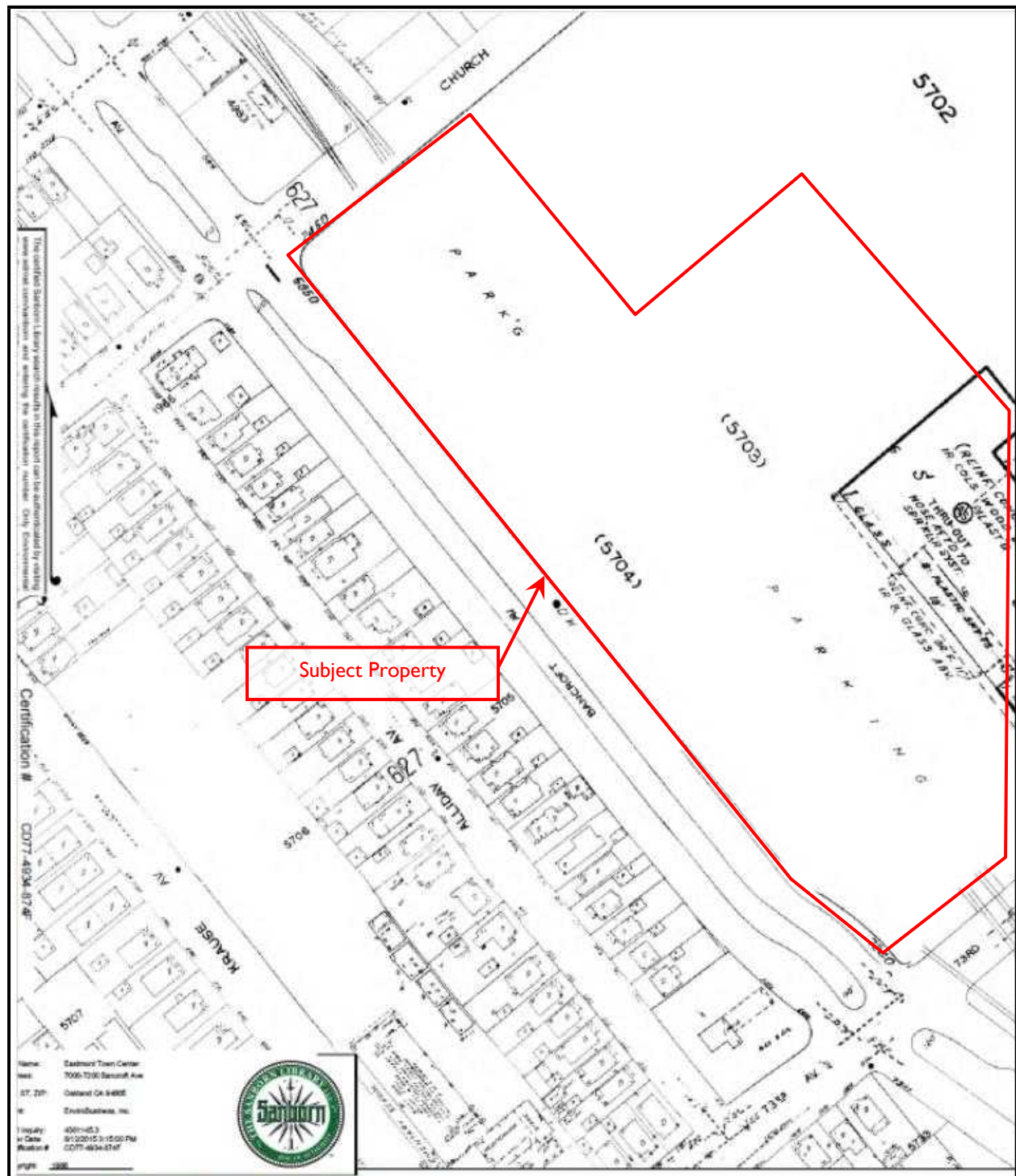




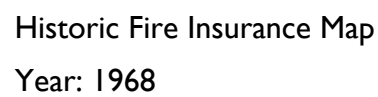


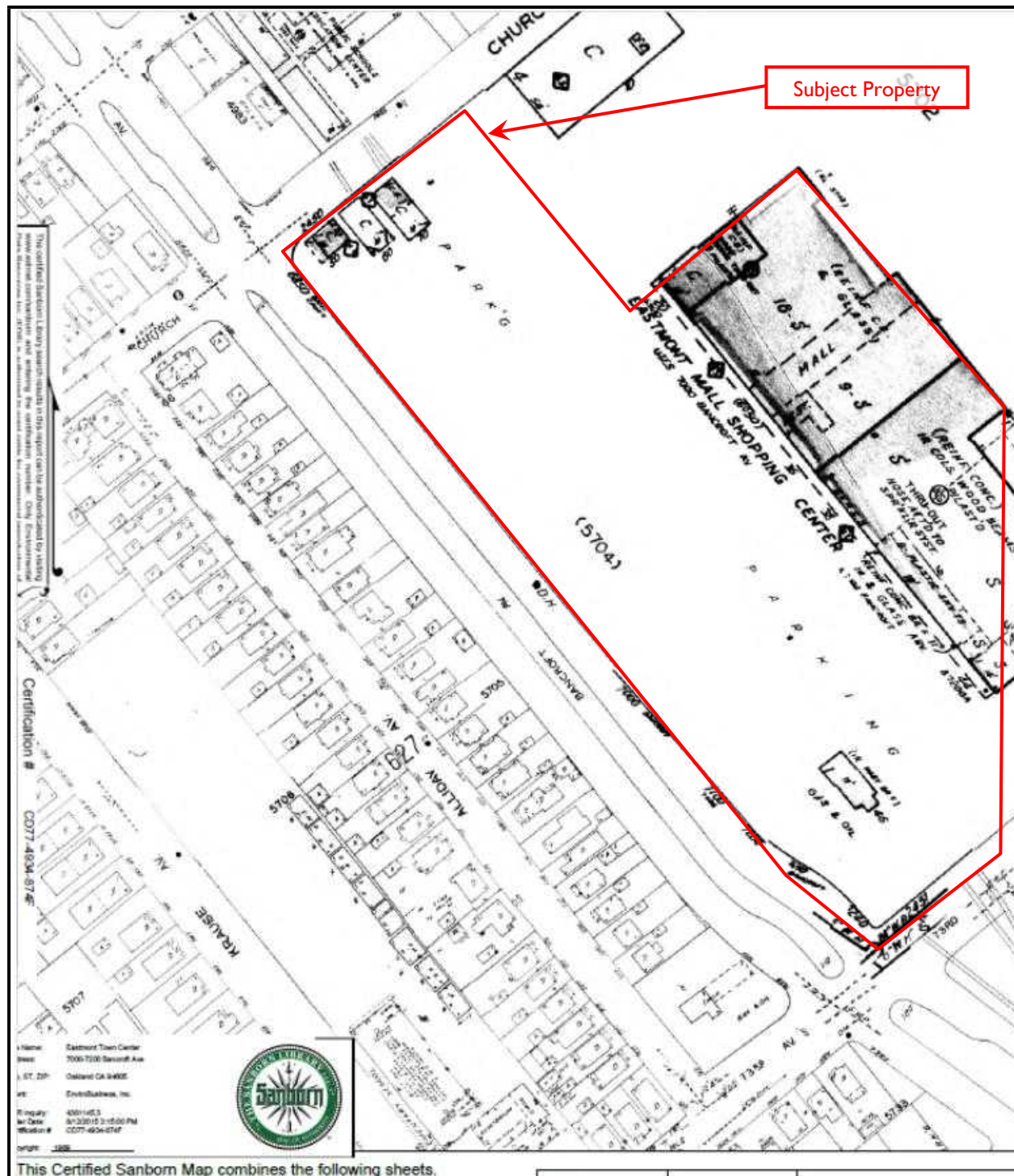
Historic Fire Insurance Map  
Year: 1960









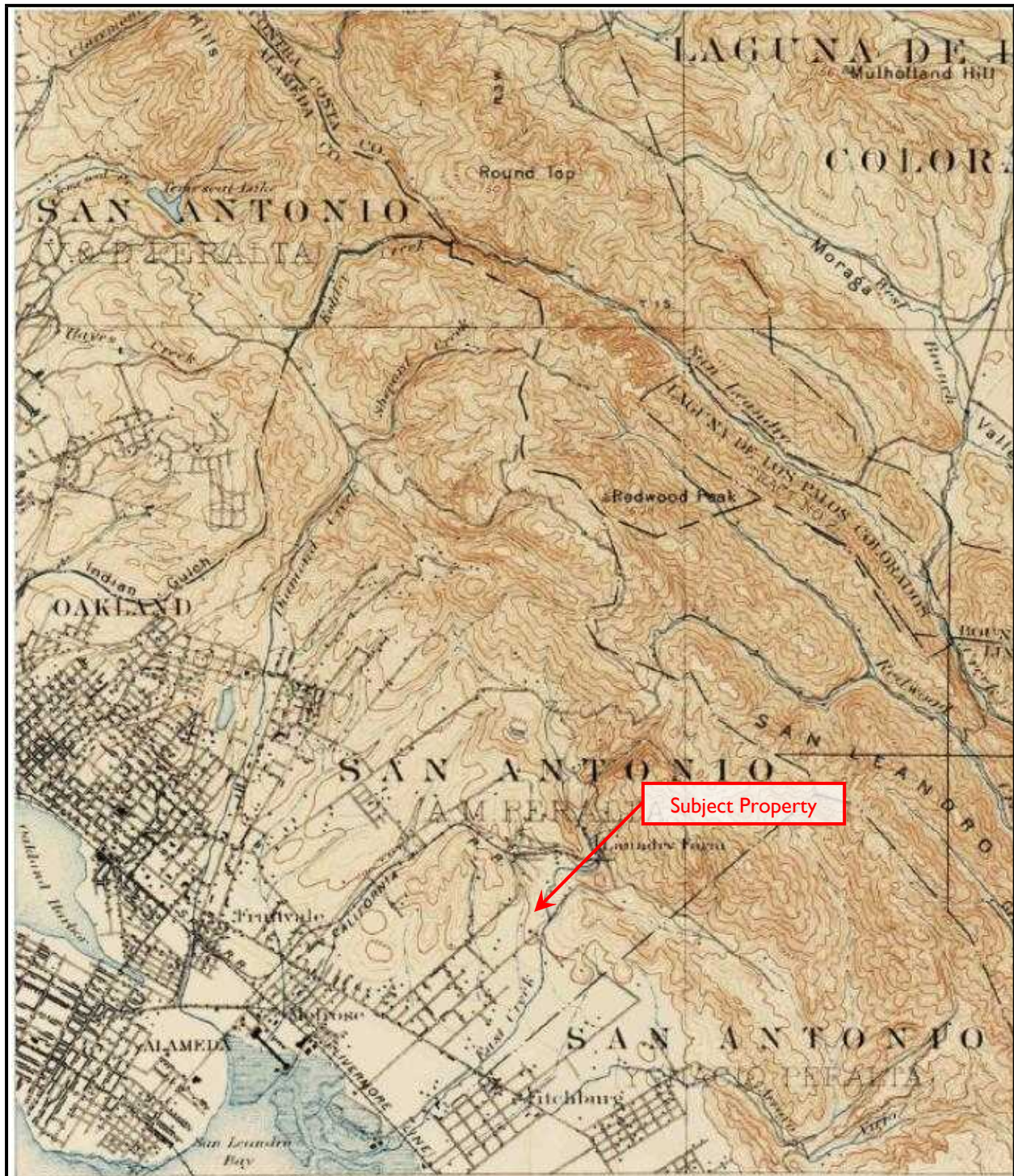


Historic Fire Insurance Map

Year: 1969



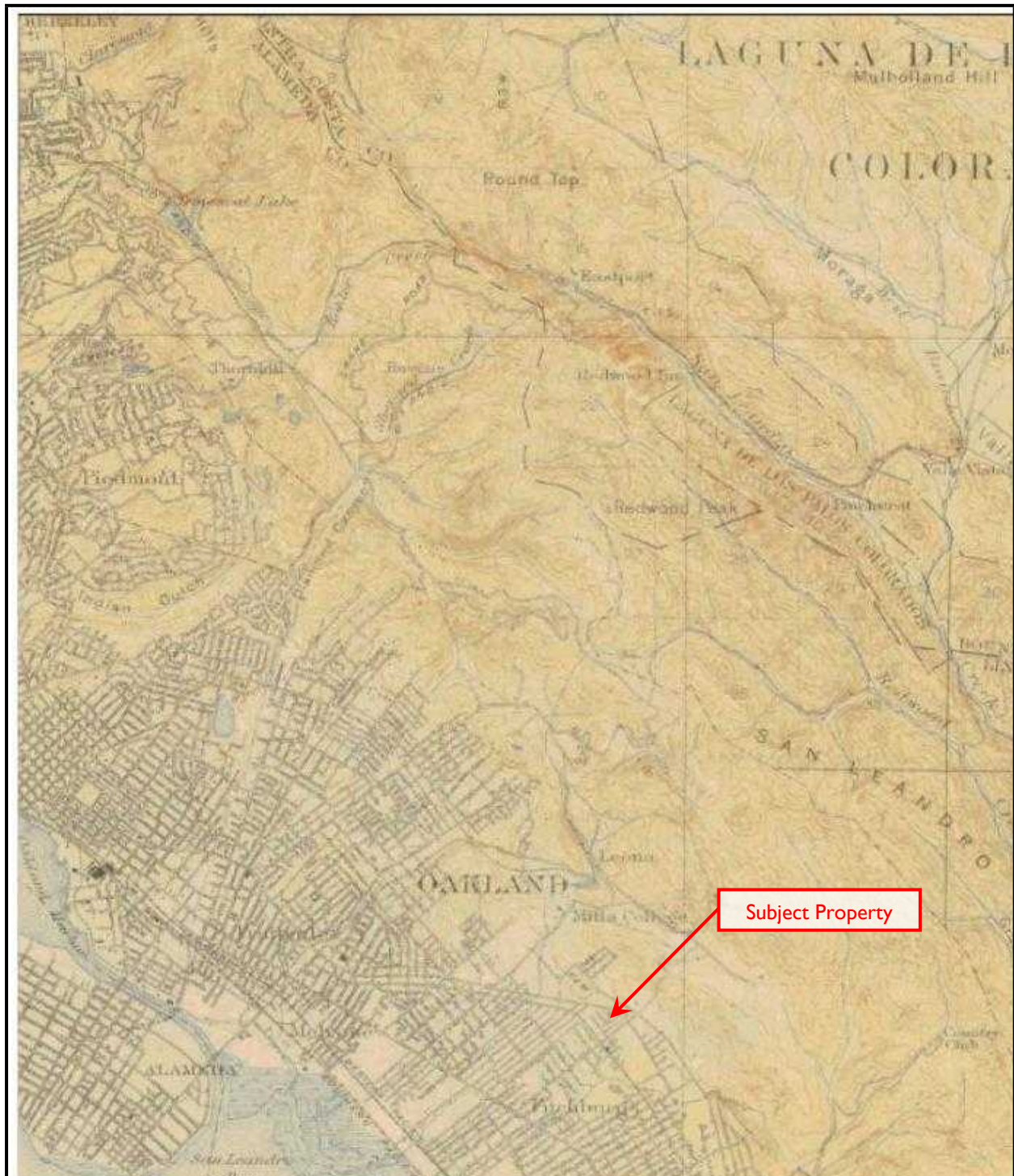




Historic USGS Topographic Map  
Year: 1897



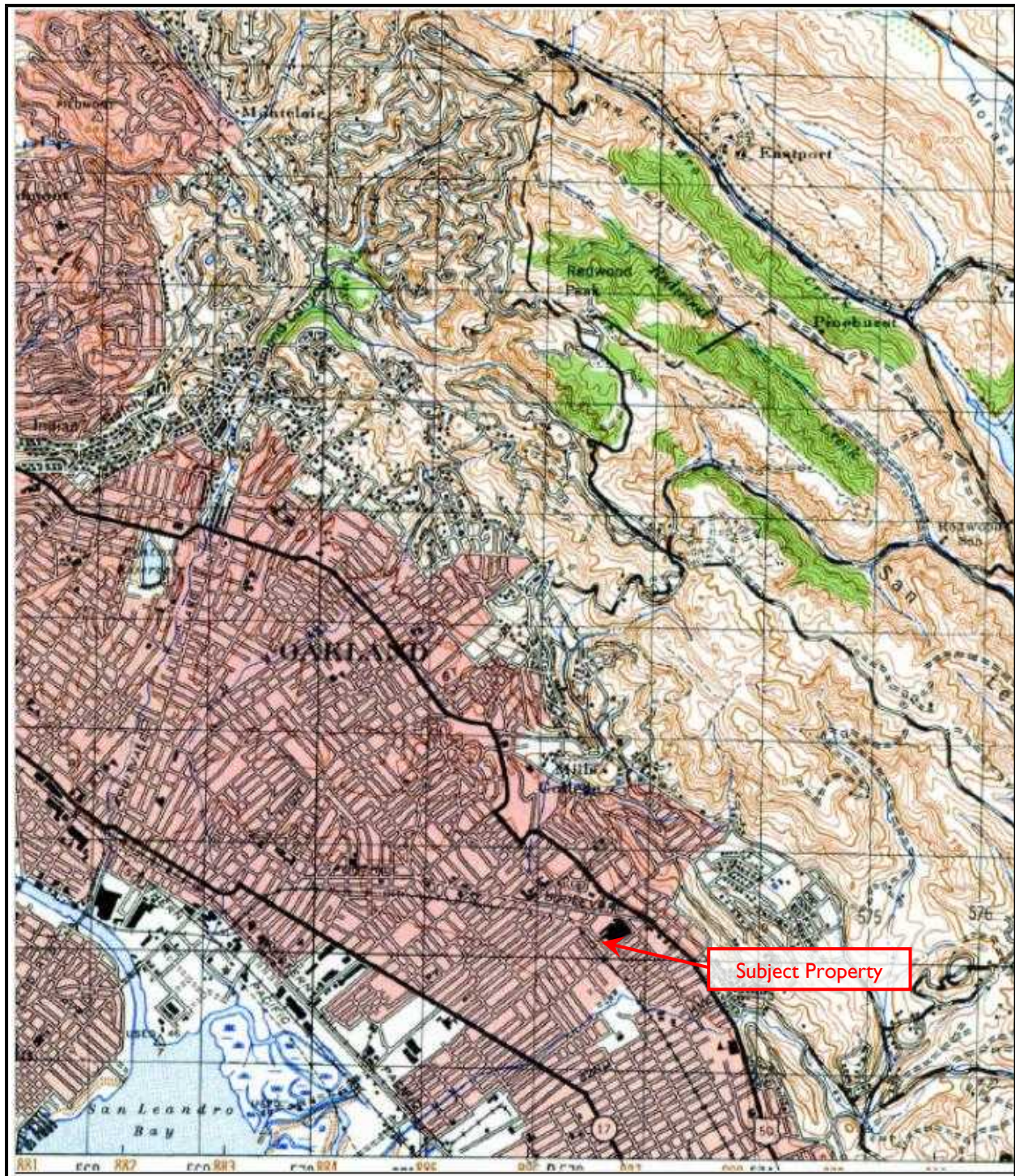




Historic USGS Topographic Map  
Year: 1915



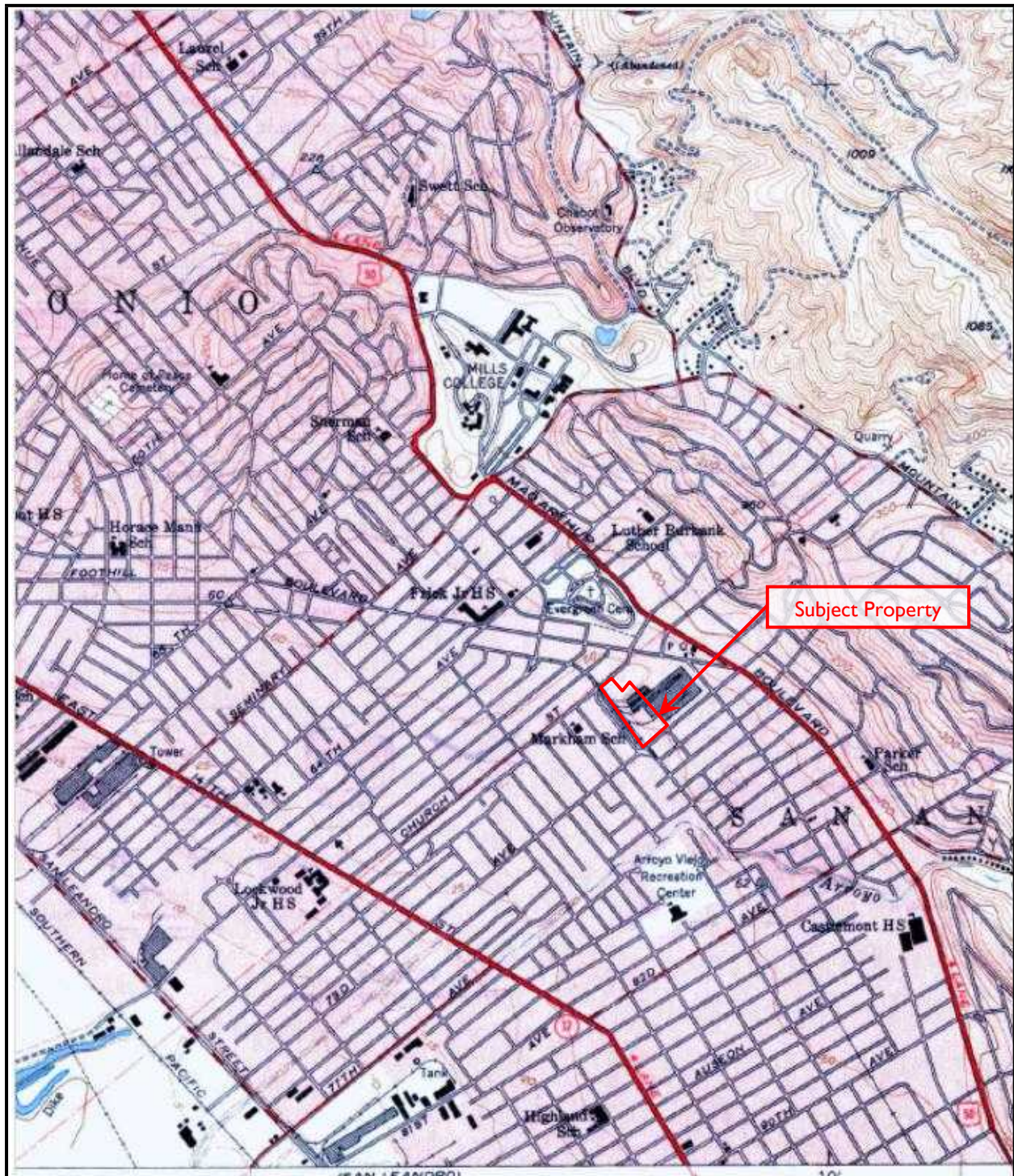




Historic USGS Topographic Map  
Year: 1948







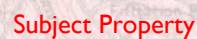
Historic USGS Topographic Map  
Year: 1949



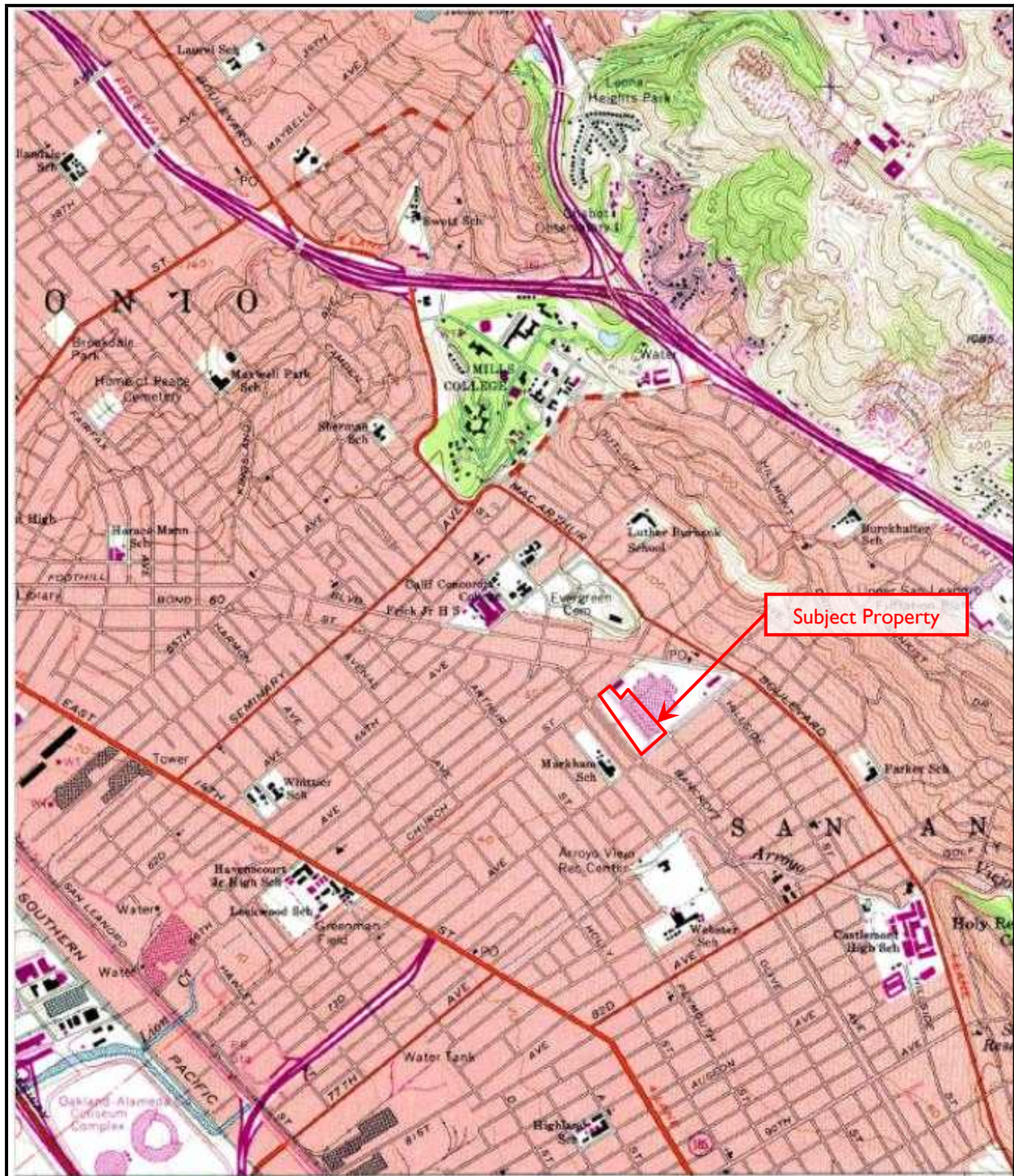








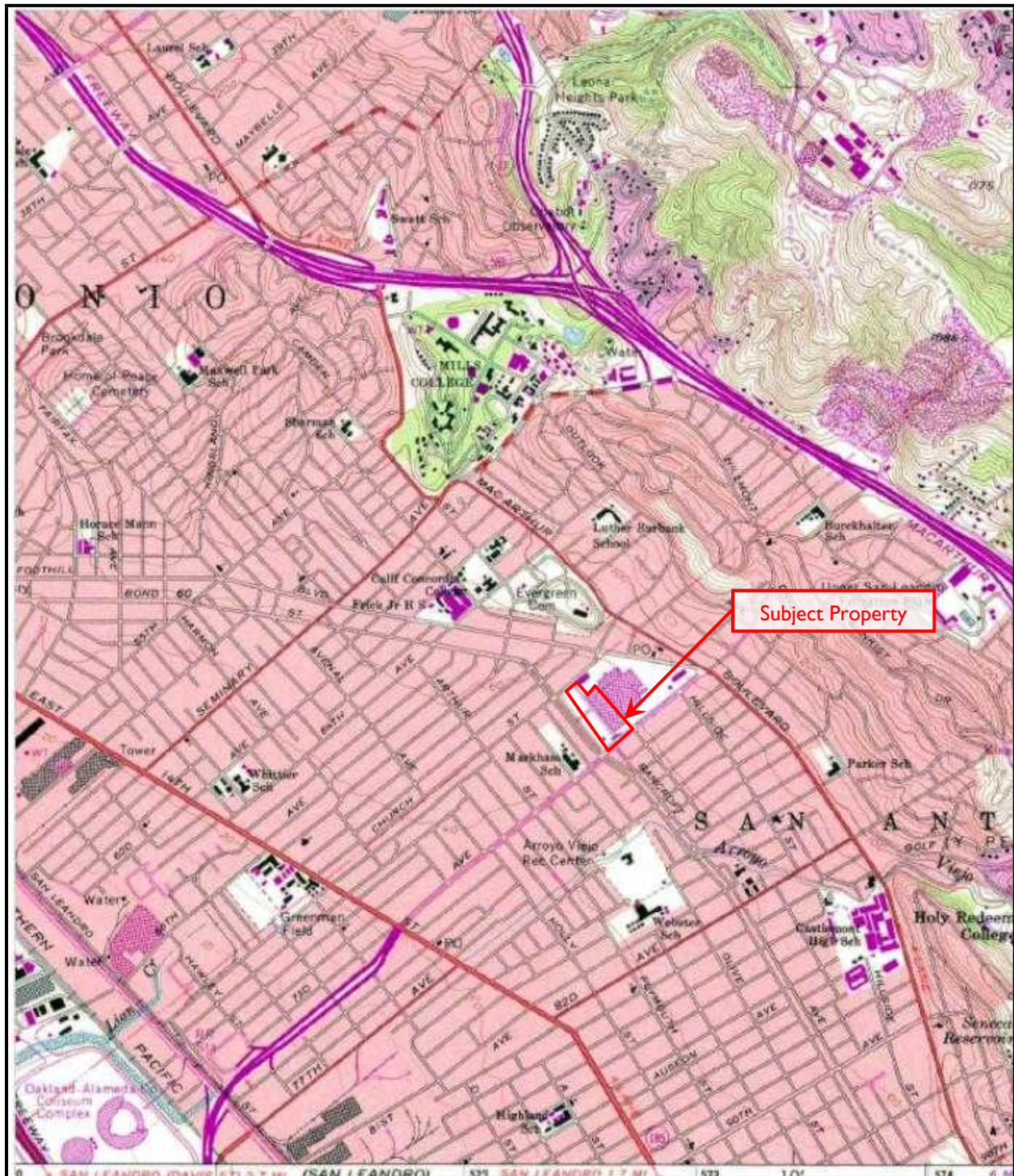




Historic USGS Topographic Map  
Year: 1973



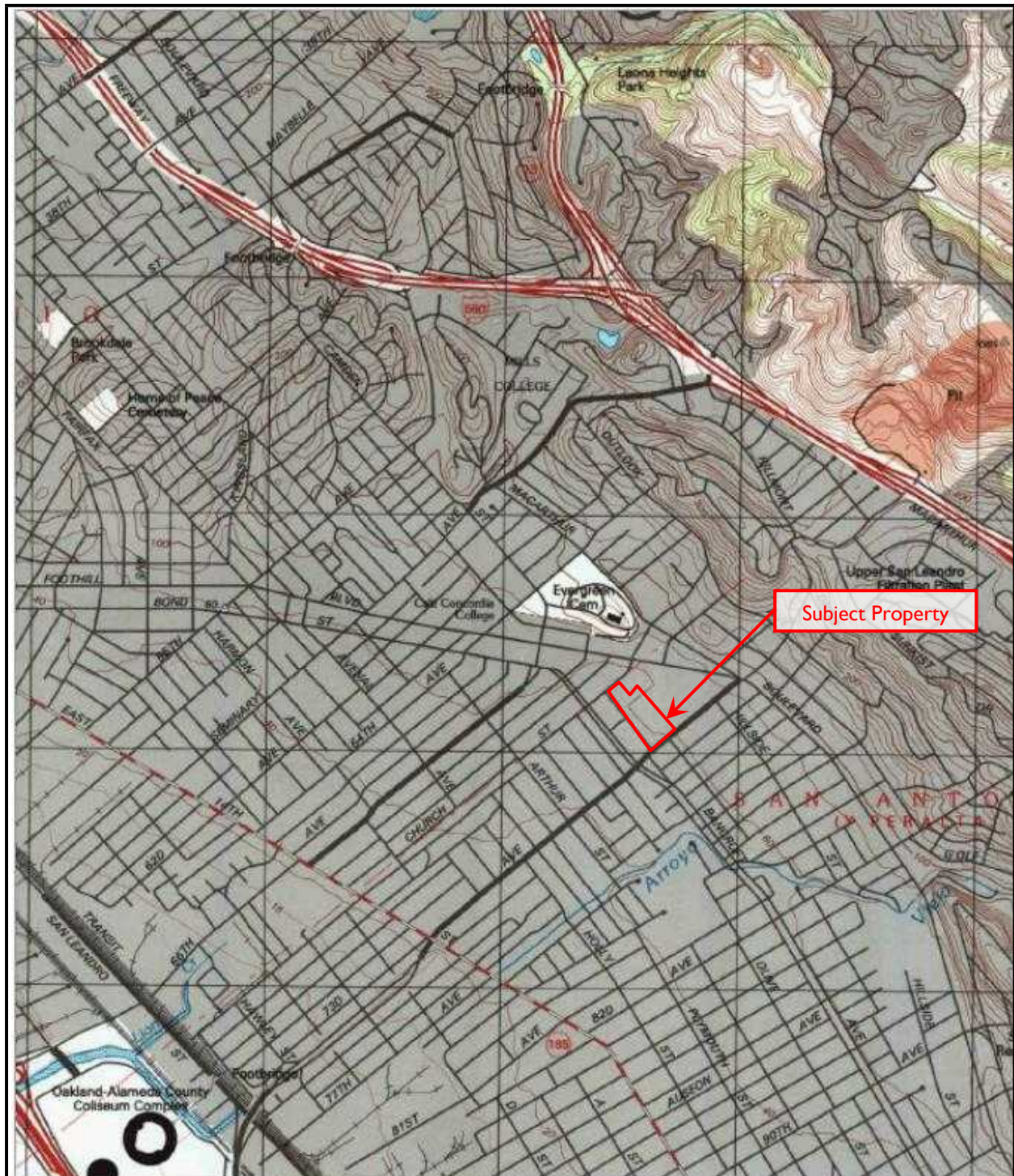




Historic USGS Topographic Map  
Year: 1980







Historic USGS Topographic Map  
Year: 1997



**Eastmont Town Center**

7000-7200 Bancroft Ave  
Oakland, CA 94605

Inquiry Number: 4381145.6  
August 12, 2015

## The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2013	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2002	R. L. Polk & Co.	-	-	-	-
2000	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1996	PACIFIC BELL DIRECTORY	-	X	X	-
	PACIFIC BELL DIRECTORY	X	X	X	-
1993	Pacific Bell	-	-	-	-
1992	PACIFIC BELL DIRECTORY	-	X	X	-
	PACIFIC BELL DIRECTORY	X	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
	PACIFIC BELL WHITE PAGES	X	X	X	-
1986	PACIFIC BELL WHITE PAGES	-	X	X	-
	PACIFIC BELL WHITE PAGES	X	X	X	-
1984	Pacific Bell	-	-	-	-
1982	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1979	Pacific Telephone	-	-	-	-
1976	R. L. Polk & Co.	-	-	-	-
1975	Pacific Telephone	-	X	X	-



## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1975	Pacific Telephone	X	X	X	-
1973	Pacific Telephone	-	X	X	-
1970	Pacific Telephone Directory	-	X	X	-
	Pacific Telephone Directory	X	X	X	-
1967	R. L. Polk Co.	-	X	X	-
	R. L. Polk Co.	X	X	X	-
1965	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1960	Pacific Telephone	-	-	-	-
1959	R. L. Polk & Co.	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	The Pacific Telephone & Telegraph Co.	-	X	X	-
1954	R. L. Polk & Co. of California	-	-	-	-
1951	R. L. Polk & Co.	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	X	X	-
1946	R. L. Polk & Co.	-	-	-	-
1945	The Pacific Telephone & Telegraph Co.	-	X	X	-
1943	R. L. Polk & Co.	-	X	X	-
1940	R. L. Polk & Co.	-	-	-	-
1938	Pacific Telephone	-	X	X	-
1933	R. L. Polk & Co.	-	X	X	-
1932	R. L. Polk & Co. of California	-	-	-	-
1928	R.L. Polk and Co of California	-	X	X	-
	R.L. Polk and Co of California	X	X	X	-
1926	R. L. Polk & Co.	-	-	-	-
1925	R. L. Polk & Co. of California	-	X	X	-
1920	R. L. Polk & Co. of California	-	X	X	-

## FINDINGS

### TARGET PROPERTY INFORMATION

#### ADDRESS

7000-7200 Bancroft Ave  
Oakland, CA 94605

#### FINDINGS DETAIL

Target Property research detail.

#### BANCROFT AVE

##### 7000 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	GAZZALIS SUPERMARKET	Cole Information Services
	RAINBOW	Cole Information Services
	SPARKLE CLEANERS	Cole Information Services
	SUBWAY SANDWICHES	Cole Information Services
	SUPERIOR LOCKSMITH	Cole Information Services
2008	GAZZALIS SUPERMARKET	Cole Information Services
	LEES DONUTS 12	Cole Information Services
2006	CLEANERS	Haines Company, Inc.
	GAZZALIS	Haines Company, Inc.
	LEEISDONUTS	Haines Company, Inc.
	RAINBOWSHOPS	Haines Company, Inc.
	SPARKLE	Haines Company, Inc.
	SUPERMARKET	Haines Company, Inc.
2000	101 RAINBOW SHOPS	Pacific Bell
	205 EASTMONT MALL SECURITY OFC	Pacific Bell
	70 LEE S DONUTS 12	Pacific Bell
	SPARKLE CLEANERS	Pacific Bell
1996	205 EASTMONT MALL SECURITY OFC	PACIFIC BELL DIRECTORY
	6 SUBWAY SANDWICHES & SALADS	PACIFIC BELL DIRECTORY
	SPARKLE CLEANERS	PACIFIC BELL DIRECTORY
1992	A B C MARKET	PACIFIC BELL DIRECTORY
	CAREERCOM COLLEGE OF BUSINESS	PACIFIC BELL DIRECTORY
	CLEM DANIELS LIQUORS	PACIFIC BELL DIRECTORY
	EASTMONT MALL SECURITY OFC	PACIFIC BELL DIRECTORY
	SPARKLE CLEANERS	PACIFIC BELL DIRECTORY
1991	Copes California	PACIFIC BELL WHITE PAGES

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Copes Of Oakland T Shirt And More	PACIFIC BELL WHITE PAGES
	New Fashion Cleaners	PACIFIC BELL WHITE PAGES
	Petrie Plus	PACIFIC BELL WHITE PAGES
	Petrie Robni	PACIFIC BELL WHITE PAGES
	Sinjil Trading Co Inc	PACIFIC BELL WHITE PAGES
	Sink A	PACIFIC BELL WHITE PAGES
	Thomas Shoe Repair	PACIFIC BELL WHITE PAGES
	Tough Photos	PACIFIC BELL WHITE PAGES
1986	Louisiana Fried Chicken	PACIFIC BELL WHITE PAGES
	Mall Cleaners	PACIFIC BELL WHITE PAGES
	Mall Foodcenter The	PACIFIC BELL WHITE PAGES
	MALL TE LE COMMUN ICATION S	PACIFIC BELL WHITE PAGES
	Marianne	PACIFIC BELL WHITE PAGES
	Payless Shoe Stores	PACIFIC BELL WHITE PAGES
	Thomas Shoe Repair	PACIFIC BELL WHITE PAGES
1980	Bakeries	Pacific Telephone
	Bakery	Pacific Telephone
	East Oakland	Pacific Telephone
	Hartfields	Pacific Telephone
	Oakland	Pacific Telephone
	Thomas Shoe Repair	Pacific Telephone
1975	HARTFIELDS	Pacific Telephone
1970	HAHN ERNEST W INC	Pacific Telephone Directory
	MEDICARE INFORMATION	Pacific Telephone Directory
	MINNIE PEARL S CHICKEN	Pacific Telephone Directory
	SAFEWAY STORES INCORPORATED	Pacific Telephone Directory
	SOCIAL SECURITY ADMINISTRATION	Pacific Telephone Directory
	SPARKLE CLEAN CLEANERS	Pacific Telephone Directory
	UNITED STATES GOVERNMENT	Pacific Telephone Directory
1967	SAFEWAY STORES INC GRO	R. L. Polk Co.

### 7100 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GOLDSTAR	Pacific Bell
1996	EASTMONT AUTO GOODYEAR	PACIFIC BELL DIRECTORY
1992	EASTMONT AUTO GOODYEAR	PACIFIC BELL DIRECTORY
1991	General Information	PACIFIC BELL WHITE PAGES
	Oakland	PACIFIC BELL WHITE PAGES
	Pharmacy	PACIFIC BELL WHITE PAGES

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	THRIFTY DRUG STORE S Contd Oakland Contd	PACIFIC BELL WHITE PAGES
1986	District Office	PACIFIC BELL WHITE PAGES
	Oakland	PACIFIC BELL WHITE PAGES
	PAYN S AVE DRUGS Oakland Eastmont Mall Store Retail Dept	PACIFIC BELL WHITE PAGES
	Payne A	PACIFIC BELL WHITE PAGES
	Payne A H	PACIFIC BELL WHITE PAGES
	Prescription Dept	PACIFIC BELL WHITE PAGES
1980	Oakland	Pacific Telephone
	Prescription Dept	Pacific Telephone
	Retail Dept	Pacific Telephone
1975	PHARMACY DEPT	Pacific Telephone
1970	SAFEWAY DRUG CENTER	Pacific Telephone Directory
1967	SAFEWAY DRUG CENTER	R. L. Polk Co.

### 7200 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	ACTS COMMUNITY DEVELOPMENT CORP	Cole Information Services
	AUTOZONE	Cole Information Services
	BURGER KING	Cole Information Services
	CAR SHIPPING TO OAKLAND CA	Cole Information Services
	CHANGES	Cole Information Services
	CITY OF OAKLAND	Cole Information Services
	CVS PHARMACY	Cole Information Services
	DISABILITY ACTION ADVOCATES OF CALIF	Cole Information Services
	ELECTRONX CO	Cole Information Services
	FAMILY EDUCATION & RESOURCE CENTER	Cole Information Services
	FANTASY GIFTS	Cole Information Services
	FITTERS	Cole Information Services
	GLOBAL CELLULAR PHONE ACCESSORIES	Cole Information Services
	OAKLAND COMMUNITY ORGANIZATIONS	Cole Information Services
	OAKLAND PIC	Cole Information Services
	OAKLAND PUBLIC LIBRARY	Cole Information Services
	PRIME TIME NUTRITION	Cole Information Services
	RAI CARE CENTERFOOTHILL BLVD	Cole Information Services
	RESIDENTIAL MEDICAL SERVICES	Cole Information Services
	SHIEKH	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	STAR BEAUTY SUPPLY	Cole Information Services
	TELECARE INC	Cole Information Services
	THE APOTHECARY EASTMONT TOWN CENTER	Cole Information Services
	TOWN CENTER CAFE	Cole Information Services
	WOMENS FIRST	Cole Information Services
2008	AIR FORCE US DEPT OF	Cole Information Services
	APOTHECARY PHARMACY	Cole Information Services
	BARONS BRIDGES INC	Cole Information Services
	BEST PRICE FASHION	Cole Information Services
	CENTER FOR ELDERLY & DEPENDANTS	Cole Information Services
	CENTER FOR INDEPENDENT LIVING	Cole Information Services
	EASTMONT COMPUTING CENTER	Cole Information Services
	EASTMONT MALL SECURITY OFFICE	Cole Information Services
	EASTMONT PROPERTIES CO LLC	Cole Information Services
	FAMILY RESOURCES HOUSE OF UNITY INC	Cole Information Services
	FASHIONS BY DOLORES	Cole Information Services
	I C JOBS INC	Cole Information Services
	NC BC AC NTHRN CAL BARBERING	Cole Information Services
	NUTRICION FUNDAMENTAL INC	Cole Information Services
	OAKLAND COMMUNITY ORGANIZATIONS	Cole Information Services
	PRECISION DRILL MINISTRIES CORP	Cole Information Services
	RAINBOW USA INC	Cole Information Services
	RESIDENTIAL MEDICAL SERVICES	Cole Information Services
	TELECARE CHANGES TELECAR CORP	Cole Information Services
	THE ATHLETES FOOT EMERYVILLE	Cole Information Services
	TOWN CENTER CAFE	Cole Information Services
	UNIVERSITY PREPARATORY	Cole Information Services
	UNIVERSITY PROPERTY CHARTER ACADEMY	Cole Information Services
2006	AMERCN C OF C	Haines Company, Inc.
	AUTOZONE	Haines Company, Inc.
	BOOKMBLE	Haines Company, Inc.
	BRANCH	Haines Company, Inc.
	BRANCH&	Haines Company, Inc.
	BUILDING	Haines Company, Inc.
	BURGERKING	Haines Company, Inc.
	Busi NESS	Haines Company, Inc.
	CHANGES	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DELORES	Haines Company, Inc.
	DOSDISCOUNTS	Haines Company, Inc.
	ELECTRONX	Haines Company, Inc.
	FAMILY Reso URCE	Haines Company, Inc.
	FASHIONS BY	Haines Company, Inc.
	HOUSE OF UNIV	Haines Company, Inc.
	JANI KING	Haines Company, Inc.
	MEDICAL SERVICES	Haines Company, Inc.
	NCBCACNRTHN	Haines Company, Inc.
	NUTRITION	Haines Company, Inc.
	OAKLD AFRICAN	Haines Company, Inc.
	OAKLD CTY LBRY	Haines Company, Inc.
	OAKLD PUB LBRY	Haines Company, Inc.
	PRIMETIME	Haines Company, Inc.
	RAMSELLCORP	Haines Company, Inc.
	Resi DENTIAL	Haines Company, Inc.
	TELECARE	Haines Company, Inc.
	TELECAREINC	Haines Company, Inc.
	THE ATHLETES	Haines Company, Inc.
	TOTAL RENAL CARE	Haines Company, Inc.
	TOWN CENTER	Haines Company, Inc.
2000	100 DOLLAR TREE STORES INC	Pacific Bell
	165 RESIDENTIAL MEDICAL SERVICES	Pacific Bell
	174 MOORE WEST FEDERAL CREDIT UNION OAKLAND	Pacific Bell
	210 PLANNED PARENTHOOD	Pacific Bell
	220 TOTAL RENAL CARE INC	Pacific Bell
	265 BARONS BRIDGES INC	Pacific Bell
	43 UNITED STATES GOVERNMENT	Pacific Bell
	9A BAY AREA COMMUNITY SERVICES REGISTRY	Pacific Bell
	9A CENTER FOR INDEPENDENT LIVING	Pacific Bell
	BURGER KING	Pacific Bell
1996	BURGER KING	PACIFIC BELL DIRECTORY
	COLLISEUM FAMILY CINEMAS	PACIFIC BELL DIRECTORY
1992	200 BEADAZZLED	PACIFIC BELL DIRECTORY
	28 TBS CELLULAR COMMUNICATIONS	PACIFIC BELL DIRECTORY
	BURGER KING	PACIFIC BELL DIRECTORY
	OAKLAND CHAMBER OF COMMERCE	PACIFIC BELL DIRECTORY

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Beadazzled	PACIFIC BELL WHITE PAGES
	BURGE R KIN G	PACIFIC BELL WHITE PAGES
	TBS Cellular Communications	PACIFIC BELL WHITE PAGES
1970	SAFEWAY DRUG CENTER	Pacific Telephone Directory

### **BANCROFT PL**

#### **7000 BANCROFT PL**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Mall Food Center IGA The	PACIFIC BELL WHITE PAGES

### **BANCROFT WAY**

#### **7000 BANCROFT WAY**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Mall Food Center IGA The	PACIFIC BELL WHITE PAGES

#### **7120 BANCROFT WAY**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	B Wm F etdt R	R.L. Polk and Co of California

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### 73RD

##### **2427 73RD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	1h Robt L auto mech R	R.L. Polk and Co of California

#### 73RD AVE

##### **2401 73RD AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	YAMADA GEO	The Pacific Telephone & Telegraph Co.
1945	ARMSTRONG O J R	The Pacific Telephone & Telegraph Co.
1943	Armstrong Orville J Theresa trainmn SP Co h	R. L. Polk & Co.
1938	ARMSTRONG ELMA R	Pacific Telephone
1933	SEARS MYRTLE M MRS H	R. L. Polk & Co.
1925	KIRSTEN E J R	R. L. Polk & Co. of California

##### **2407 73RD AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	ROSE AS R	The Pacific Telephone & Telegraph Co.
1945	ROSE A S R	The Pacific Telephone & Telegraph Co.
1943	Rose Albt S Elsie slsmn h	R. L. Polk & Co.
1938	ROSE A S R	Pacific Telephone
1933	KEARNEY ANNIE MRS R	R. L. Polk & Co.
	ROSE ALBT S (ELSIE M) H	R. L. Polk & Co.
1928	Rose Albt S Elsie jwlr H	R.L. Polk and Co of California
1925	ROSE E M R	R. L. Polk & Co. of California

##### **2408 73RD AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	STAPLES W C	R. L. Polk Co.
1955	JENSEN FREELAND E R	The Pacific Telephone & Telegraph Co.
1945	JENSEN FREELAND E R	The Pacific Telephone & Telegraph Co.
1943	Jensen Freeland Mabel signalmn h	R. L. Polk & Co.
1938	JENSEN FREELAND E R	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	COUSER ANGUS (VIOLET) SLSMN H	R. L. Polk & Co.
1928	Scribner Gordon R Alice J optoi Kitiredge Optical Co H	R.L. Polk and Co of California

### 2415 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BYERS GILBERT F	The Pacific Telephone & Telegraph Co.
1950	BYERS GILBERT F R	The Pacific Telephone & Telegraph Co.
1945	BYERS GILBERT F R	The Pacific Telephone & Telegraph Co.
1943	Byers Gilbert F Vivian welder h	R. L. Polk & Co.
1933	MEDINA EDNA CLK R	R. L. Polk & Co.
	LEEPER CLAIR V (LENA) H	R. L. Polk & Co.
1928	Leeper Olair V Lena ydmn SPCo H	R.L. Polk and Co of California

### 2420 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.
1962	Blasko Anna L	Pacific Telephone
1955	BLASKO ANNA L	The Pacific Telephone & Telegraph Co.
1943	Blasko Steve h	R. L. Polk & Co.
1933	BLASKO STEPH (MARY) H	R. L. Polk & Co.
1920	BUHL A R	R. L. Polk & Co. of California

### 2421 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	KING JUDSON R	The Pacific Telephone & Telegraph Co.
1950	KING JUDSON R	The Pacific Telephone & Telegraph Co.
1945	DORISSE MARIE JULIA R	The Pacific Telephone & Telegraph Co.
1943	Kauffman Kenneth Thelma brkmn h	R. L. Polk & Co.
1938	DORIS VICTOR R	Pacific Telephone
1933	DORIS RENE F LAB R	R. L. Polk & Co.
	DORIS RAYMOND DRIVER R	R. L. Polk & Co.
	DORIS GASTON G LAB R	R. L. Polk & Co.
	DORIS VICTOR (JULIA) SAUSAGE MKR H	R. L. Polk & Co.
1928	h Gaston G clk Whltthorne & Swan R	R.L. Polk and Co of California
	av Rene E clk R	R.L. Polk and Co of California
	av Victor Julia meat ctr H	R.L. Polk and Co of California

## FINDINGS

### 2424 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	WIDING T W	Pacific Telephone Directory
1967	COWDEN DON R	R. L. Polk Co.
1962	Cowden Donald R	Pacific Telephone
1955	WIDING THEO W	The Pacific Telephone & Telegraph Co.
	AMADO ANTONEO	The Pacific Telephone & Telegraph Co.
1950	COWDEN FLORENCE R	The Pacific Telephone & Telegraph Co.
1945	O BRIEN J D R	The Pacific Telephone & Telegraph Co.
1943	OBrien John D Lucy welder h	R. L. Polk & Co.
	Lloyd La Verne r	R. L. Polk & Co.
	Lloyd Artie J Minnie shipydwkr h	R. L. Polk & Co.
1938	SCHENCK HARVEY M R	Pacific Telephone
1933	SCOTT HOBART M (MARY) FIRE ALARM OPR OKLD ELEC DEPT H	R. L. Polk & Co.
1928	Buena Hobart M Mary nre alarm opr Okid Elec Dept H	R.L. Polk and Co of California

### 2427 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LAFRICAIN CLARA R	The Pacific Telephone & Telegraph Co.
1950	LAFRICAIN CLARA R	The Pacific Telephone & Telegraph Co.
1945	LAFRICAIN CLARA R	The Pacific Telephone & Telegraph Co.
1943	Mc Christian Elwood clk r	R. L. Polk & Co.
	Lafricain Clara Mrs waiter h	R. L. Polk & Co.
1938	LAFRICAIN CLARA R	Pacific Telephone
1933	WALKER ROBT A LAB H	R. L. Polk & Co.
	LAFRICAIN CLARA MRS R	R. L. Polk & Co.
1928	U Lineau Robt L Hazel auto mech H	R.L. Polk and Co of California
1925	SCHMIDT MAX W R	R. L. Polk & Co. of California

### 2435 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	KOLTERMAN JUNE F	The Pacific Telephone & Telegraph Co.
1950	DOELL JIUUE F R	The Pacific Telephone & Telegraph Co.
1945	DOELL HAROLD E R	The Pacific Telephone & Telegraph Co.
1943	Doell Harold E June plmbr h	R. L. Polk & Co.
1933	JOHANSEN CHRIST L (OLGA) H	R. L. Polk & Co.
	JOHANSEN ELLA TEL OPR R	R. L. Polk & Co.
1928	H	R.L. Polk and Co of California
	Johansen Christen L V Olga rest R	R.L. Polk and Co of California

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	JOHANSEN C L V R	R. L. Polk & Co. of California

### 2440 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BROWN JOHN R	The Pacific Telephone & Telegraph Co.
1950	BROWN JOHN R	The Pacific Telephone & Telegraph Co.
1943	Mignon Rose wid Louis h	R. L. Polk & Co.

### 2444 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MCVAY FLORENCE R	The Pacific Telephone & Telegraph Co.
1950	MC VAY FLORENCE R	The Pacific Telephone & Telegraph Co.
1945	MCKENZIE DAVID R	The Pacific Telephone & Telegraph Co.
1943	Dechow Henry M Gertrude pntr h	R. L. Polk & Co.
1933	HASSON CLAIRE T (MARIA K) H	R. L. Polk & Co.
	MARKS PEARL MRS R	R. L. Polk & Co.

### 2491 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	ARMSTRONG O SLSWN R	R. L. Polk & Co.

### 2508 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	FRIENDSHIP TV AND ELECTRONICS	PACIFIC BELL DIRECTORY
1992	FRIENDSHIP TV AND ELECTRONICS	PACIFIC BELL DIRECTORY
1991	Friendship TV And Electronics	PACIFIC BELL WHITE PAGES
1980	Friendship TV And Electronics	Pacific Telephone
1970	BUCK FRED S	Pacific Telephone Directory
1967	= 510 LANGBEHN JACK	R. L. Polk Co.
	BONILLA NICK	R. L. Polk Co.
1962	Johnston Glen	Pacific Telephone
1955	WILCOXEN DONALD K R	The Pacific Telephone & Telegraph Co.

### 2510 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SALAZAR DANIEL	Pacific Bell
1996	MIU HA TU	PACIFIC BELL DIRECTORY
1991	Law PK	PACIFIC BELL WHITE PAGES
	Ho Minh Siy	PACIFIC BELL WHITE PAGES
1986	Law P K	PACIFIC BELL WHITE PAGES

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Law P K	Pacific Telephone
1975	CHEN JERRY	Pacific Telephone
	FRIENDSHIP TV AND ELECTRONICS	Pacific Telephone
1962	Langbehn Jack	Pacific Telephone
1955	LANGBEHN JACK	The Pacific Telephone & Telegraph Co.

### 2524 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	SOULBEAT TV NETWORK INC	Cole Information Services
2000	SOULBEAT TELEVISION	Pacific Bell
1991	Jet Set Styling Salon	PACIFIC BELL WHITE PAGES
1986	Talk Of The Town Beauty Salon The	PACIFIC BELL WHITE PAGES
1980	Talk Of The Town Beauty Salon The	Pacific Telephone
1955	VARELA G	The Pacific Telephone & Telegraph Co.
1950	WATKINS PRODUCTS DISTR	The Pacific Telephone & Telegraph Co.

### 2540 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	School Elis Mrs rest R	R.L. Polk and Co of California

### 2544 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	247 FELLOWSHIP OF MINISTRIES	Cole Information Services
	CANDELLS COLLEGE PREPARTORY SCHOOL	Cole Information Services
2000	JOHNSON CHARLES	Pacific Bell
	JOHNSON CHARLES	Pacific Bell
	JOHNSON CHARLES	Pacific Bell
	JOHNSON CHARLES	Pacific Bell
	JOHNSON CHARLES	Pacific Bell
	JOHNSON CHARLES	Pacific Bell
	JOHNSON CHARLES	Pacific Bell
1996	IRVING FRANK	PACIFIC BELL DIRECTORY
1991	I Umeda A	PACIFIC BELL WHITE PAGES
	I Umbreit Kim	PACIFIC BELL WHITE PAGES
	Umble David & Wanda	PACIFIC BELL WHITE PAGES
1986	Club Baths Of East Bay	PACIFIC BELL WHITE PAGES
1975	MARTIN HEALTH CLUBS	Pacific Telephone
	MARTIN S HEALTH CLUB	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	MARTIN S HEALTH CLUBS	Pacific Telephone Directory
	MARTIN HEALTH CLUBS	Pacific Telephone Directory
1967	MARTINS HEALTH CLUB	R. L. Polk Co.
1962	Martins Health Clubs	Pacific Telephone
	MARTIN HEALTH CLUBS	Pacific Telephone
1955	MARTIN PHYSICAL CULTURE STUDIO	The Pacific Telephone & Telegraph Co.
1950	POWERS & MARTIN PHYSICAL CULTURE STUDIO	The Pacific Telephone & Telegraph Co.
1933	MULLER JACOB (ELIZ) RESTR	R. L. Polk & Co.

### 2546 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	MT TABOR BAPTIST CHURCH	Cole Information Services
2008	MT TABOR BAPTIST CHURCH	Cole Information Services
1996	MT TABOR BAPTIST CHURCH	PACIFIC BELL DIRECTORY
	MT TABOR BAPTIST CHURCH	PACIFIC BELL DIRECTORY
1992	GRACE MEMORIAL COMMUNITY CHURCH	PACIFIC BELL DIRECTORY
1991	GRACE ME MORIAL COMMUNITY CHURCH	PACIFIC BELL WHITE PAGES
1986	Guido Beatrice	PACIFIC BELL WHITE PAGES
	Guiding Light	PACIFIC BELL WHITE PAGES
1980	Eastmont	Pacific Telephone
1975	KWANZA PLUMBING	Pacific Telephone
1970	BAY CITIES HEATING & HARDWARE CO	Pacific Telephone Directory
	BAY CITIES HEATING & HARDWARE CO	Pacific Telephone Directory
	ACCO SHEET METAL SUPPLY CO	Pacific Telephone Directory
1967	BAY CITIES HEATING & HARDWARE	R. L. Polk Co.
1962	Bay Cities Heating & Hardware Co	Pacific Telephone
	Bay Cities Heating & Hardware Co	Pacific Telephone
	Bay Cities Appliance & Hardware Co	Pacific Telephone
	Acco Sheet Metal Supply Co	Pacific Telephone
1955	BAY CITIES HEATING & HARDWARE CO	The Pacific Telephone & Telegraph Co.
	BAY CITIES HEATING & HARDWARE CO	The Pacific Telephone & Telegraph Co.
	BAY CITIES APPLIANCE & HARDWARE CO	The Pacific Telephone & Telegraph Co.
	BAY CITIES APPLIANCE & HARDWARE CO	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	BAY CITIES HEATING & HARDWARE CO	The Pacific Telephone & Telegraph Co.
	BAY CITIES HEATING & HARDWARE CO	The Pacific Telephone & Telegraph Co.
	BAY CITIES APPLIANCE & HARDWARE CO	The Pacific Telephone & Telegraph Co.
	BAY CITIES APPLIANCE & HARDWARE CO	The Pacific Telephone & Telegraph Co.
1933	GLEASON JOHN M (JESSIE) CABTMKR	R. L. Polk & Co.

### 2548 73RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Sheridan Henry Elsie cabtmk R	R.L. Polk and Co of California

### 73RD AVN

### 2508 73RD AVN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	GOLBERT SAM R	The Pacific Telephone & Telegraph Co.

### BANCROFT AVE

### 6815 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1970	GOFF RUFUS	Pacific Telephone Directory
1967	GOFF RUFUS	R. L. Polk Co.

### 6816 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	DIAMOND CLEANERS	Cole Information Services
2008	DIAMOND CLEANERS	Cole Information Services
2006	CLEANERS	Haines Company, Inc.
	DIAMOND	Haines Company, Inc.
2000	DIAMOND CLEANERS	Pacific Bell
1996	DIAMOND CLEANERS	PACIFIC BELL DIRECTORY
1992	DIAMOND CLEANERS	PACIFIC BELL DIRECTORY
1991	Diamond Cleaners	PACIFIC BELL WHITE PAGES
1986	Diamond Cleaners	PACIFIC BELL WHITE PAGES
1975	CARTER S TEXACO SERVICE	Pacific Telephone
1970	BAUGH ED TEXACO	Pacific Telephone Directory

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Di Bari Joe Texaco Service	Pacific Telephone

### 6818 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	VACANT	R. L. Polk Co.

### 6863 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MESSICK WM MC REER	The Pacific Telephone & Telegraph Co.
1943	Messick Wm M r	R. L. Polk & Co.
	LAUGHLIN Eliz P wid V A h	R. L. Polk & Co.

### 6869 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	SMITH CLAUDE R R	The Pacific Telephone & Telegraph Co.
1943	Smith Claude R Alice mtrmn Key System h	R. L. Polk & Co.

### 6900 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	TACO BELL	Cole Information Services
2008	BANK OF AMERICA	Cole Information Services
	VALUE PLUS	Cole Information Services
	TACO BELL	Cole Information Services
2006	FOUR BROTHERS	Haines Company, Inc.
	TACO BELL	Haines Company, Inc.
	TACO BELL	Haines Company, Inc.
	VALUE PLUS	Haines Company, Inc.
2000	3 GOLDEN AGE SHOWCASE	Pacific Bell
	50 TACO BELL	Pacific Bell
	155 FOUR BROTHERS	Pacific Bell
	167 VALUE PLUS	Pacific Bell
1996	3 GOLDEN AGE SHOWCASE	PACIFIC BELL DIRECTORY
	50 TACO BELL	PACIFIC BELL DIRECTORY
	129 ELITE FASHION	PACIFIC BELL DIRECTORY
	167 VALUE PLUS	PACIFIC BELL DIRECTORY
1992	S M CLOSEOUT	PACIFIC BELL DIRECTORY
	50 TACO BELL	PACIFIC BELL DIRECTORY
	26A BLOCK H & R	PACIFIC BELL DIRECTORY
1991	Eastmont Mall Branch	PACIFIC BELL WHITE PAGES

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	loans	PACIFIC BELL WHITE PAGES
	New Account Information	PACIFIC BELL WHITE PAGES
	Taco Bell	PACIFIC BELL WHITE PAGES
1986	Eastmont Mall Convenience Banking Center	PACIFIC BELL WHITE PAGES
	Eastmont Mall Convenience Banking Center	PACIFIC BELL WHITE PAGES
	Versateller Automated Teller Machine	PACIFIC BELL WHITE PAGES
	Checking & Savings Accounts	PACIFIC BELL WHITE PAGES
	Bay	PACIFIC BELL WHITE PAGES
	Existing	PACIFIC BELL WHITE PAGES
	New	PACIFIC BELL WHITE PAGES
	New Accounts	PACIFIC BELL WHITE PAGES
	Information	PACIFIC BELL WHITE PAGES
	Taco Bell	PACIFIC BELL WHITE PAGES
1980	Eastmont Mall Branch	Pacific Telephone
	Broadway 21st	Pacific Telephone
	Taco Bell	Pacific Telephone
	SPARKLE CLEAN CLEANERS	Pacific Telephone
	Taco Bell	Pacific Telephone
1975	EASTMONT MALL SHOPPING CENTER FIRESTONE STORES DIV OF FIRESTONE TIRE &	Pacific Telephone
1970	BANK OF AMERICA N T & S A	Pacific Telephone Directory
	TACO BELL	Pacific Telephone Directory
	EASTMONT MALL SHOPPING CENTER	Pacific Telephone Directory

### 6901 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	RUEGG WM A	The Pacific Telephone & Telegraph Co.
1950	MELIM GEO R	The Pacific Telephone & Telegraph Co.
1945	MELIN GEO R	The Pacific Telephone & Telegraph Co.
1943	MELIN Geo Constance shipydwkr h	R. L. Polk & Co.
	TALLMAN Roy H Florence eng h	R. L. Polk & Co.
	Mentz Helen J shipper L WB Co r	R. L. Polk & Co.

### 6907 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ELLIS PAUL R	The Pacific Telephone & Telegraph Co.
1950	ELLIS PAUL R	The Pacific Telephone & Telegraph Co.
1945	ELLIS PAUL R	The Pacific Telephone & Telegraph Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Mentz Jack mech r	R. L. Polk & Co.
	ELLIS Paul E Mildred oiler h	R. L. Polk & Co.

### 6921 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ANDREWS ANDREW R	The Pacific Telephone & Telegraph Co.
1950	ANDREWS ANDREW R	The Pacific Telephone & Telegraph Co.
1943	HEWITT Harold Laura USA r	R. L. Polk & Co.
	Sacrison June M clk r	R. L. Polk & Co.
	Sacrison Victor A Edith shipydwkr h	R. L. Polk & Co.

### 6925 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MAGNUSON W C R	The Pacific Telephone & Telegraph Co.
1950	MAGNUSON W C R	The Pacific Telephone & Telegraph Co.
1945	MAGNUSON W C R	The Pacific Telephone & Telegraph Co.
1943	Trees Roy Cath h	R. L. Polk & Co.

### 6929 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Coulter Carrie M r	R. L. Polk & Co.
	DAVIS Geo L Ruby A clk h	R. L. Polk & Co.

### 6933 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	KARLSON KARL R	The Pacific Telephone & Telegraph Co.
1950	KARLSON K(AR R	The Pacific Telephone & Telegraph Co.
1943	Brier June P sten Peter Paul Inc h	R. L. Polk & Co.

### 6937 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	SILVA ALFRED MRS R	The Pacific Telephone & Telegraph Co.
1943	Dunagan Ethel S slsw n CS & F r	R. L. Polk & Co.
	Dunagan M Raymond Ethel h	R. L. Polk & Co.
	Fox Ginger L clk SPCo r	R. L. Polk & Co.

### 6938 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Bowers Walter N Mildred tmkpr h	R. L. Polk & Co.

## FINDINGS

### 6950 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Wild R C	PACIFIC BELL WHITE PAGES
	Wild Pair The	PACIFIC BELL WHITE PAGES
	Penney JC Portrait Studio Eastmant Mall	PACIFIC BELL WHITE PAGES
	Custom Decorating	PACIFIC BELL WHITE PAGES
	Catalog Pickup Information	PACIFIC BELL WHITE PAGES
	No Charge To Calling Party	PACIFIC BELL WHITE PAGES
	Beauty Salon	PACIFIC BELL WHITE PAGES
	Oakland Eastmont Mall	PACIFIC BELL WHITE PAGES
	B Gussman John	PACIFIC BELL WHITE PAGES
	Gussler Mark	PACIFIC BELL WHITE PAGES
1986	L	PACIFIC BELL WHITE PAGES
	Wild S J	PACIFIC BELL WHITE PAGES
	Wild Pair The	PACIFIC BELL WHITE PAGES
	Westlake Mall Daly City	PACIFIC BELL WHITE PAGES
	Tanforan Shopping Center San Bruno	PACIFIC BELL WHITE PAGES
	Hilltop Mall	PACIFIC BELL WHITE PAGES
	South Shore Center Almda	PACIFIC BELL WHITE PAGES
	Southland Shopping Center Hayward	PACIFIC BELL WHITE PAGES
	Leeds Shoe Store	PACIFIC BELL WHITE PAGES
	Oakland Eastmont Mall	PACIFIC BELL WHITE PAGES
	Beauty Salon	PACIFIC BELL WHITE PAGES
	No Charge To Calling Party	PACIFIC BELL WHITE PAGES
	Catalog Pickup Information	PACIFIC BELL WHITE PAGES
	Custom Decorating	PACIFIC BELL WHITE PAGES
	Insurance Sales Center	PACIFIC BELL WHITE PAGES
	Penney J C Insurance	PACIFIC BELL WHITE PAGES
	Eastmont Mall	PACIFIC BELL WHITE PAGES
	Sun Valley Mall Concord	PACIFIC BELL WHITE PAGES
1980	Oakland Eastmont Mall	Pacific Telephone
1975	PENNEY J C CO INC	Pacific Telephone

### 6951 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	TRAINOR PAUL J R	The Pacific Telephone & Telegraph Co.
1950	TRAINOR PAUL J R	The Pacific Telephone & Telegraph Co.
1945	TRAINOR PAUL J R	The Pacific Telephone & Telegraph Co.
1943	Trainor Paul J Evelyn shipydwkr h	R. L. Polk & Co.
	Rieder Nettie r	R. L. Polk & Co.

## FINDINGS

### 6953 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	MCKNIGHT C C	The Pacific Telephone & Telegraph Co.
1950	MC DONALD R C R	The Pacific Telephone & Telegraph Co.
1945	FORD OMAR C R	The Pacific Telephone & Telegraph Co.
1943	Ford Omar C Doris eng h	R. L. Polk & Co.

### 7001 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PIPER JACK	The Pacific Telephone & Telegraph Co.
1945	BARKER A V R	The Pacific Telephone & Telegraph Co.
1943	Davis Calvin E shipydwkr r	R. L. Polk & Co.
	Davis John T Edna carp h	R. L. Polk & Co.

### 7011 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	KAECK ELMER S	The Pacific Telephone & Telegraph Co.
1950	HECKMAN WAITER E R	The Pacific Telephone & Telegraph Co.
1945	PFISTER HELEN R	The Pacific Telephone & Telegraph Co.
1943	Pfister Rudolph Helen barber h	R. L. Polk & Co.
	Heckman Walter mach r	R. L. Polk & Co.

### 7109 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Lowry John h	R. L. Polk & Co.

### 7117 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	JONES C S MRS R	The Pacific Telephone & Telegraph Co.
1950	JONES C S MRS R	The Pacific Telephone & Telegraph Co.
1945	JEFFERSON SARAH MRS R	The Pacific Telephone & Telegraph Co.
	JONES C S MRS R	The Pacific Telephone & Telegraph Co.
1943	Jefferson Sarah wid Wm h	R. L. Polk & Co.
	Jones Charlton S Charlotte h	R. L. Polk & Co.

### 7201 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	H&R BLOCK	Cole Information Services
2006	ESTMNTTWN CNTR	Haines Company, Inc.
	H&R BLOCK	Haines Company, Inc.

## FINDINGS

### 7210 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	KIM S BP	PACIFIC BELL DIRECTORY
1991	Kims Mobil Station	PACIFIC BELL WHITE PAGES
1986	Kims Mobil Station	PACIFIC BELL WHITE PAGES
	Eagan & Paradise Construction Co	PACIFIC BELL WHITE PAGES

### 7215 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	COOK MARY MRS	The Pacific Telephone & Telegraph Co.
1950	MIZEN FRED R	The Pacific Telephone & Telegraph Co.
1945	MIZEN FRED R	The Pacific Telephone & Telegraph Co.
1943	Mizen Fredk C Ethel glass wkr h	R. L. Polk & Co.
	Stephen Jess O trucker SPCo r	R. L. Polk & Co.
	Sykes Ralph L welder r	R. L. Polk & Co.

### 7225 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	SUPER CHEVRON	Cole Information Services
2008	SUPER CHEVRON	Cole Information Services
	MDN ENTERPRISES INC	Cole Information Services
2006	SUPER CHEVRON	Haines Company, Inc.
2000	SUPER CHEVRON	Pacific Bell
1996	SUPER CHEVRON	PACIFIC BELL DIRECTORY
1992	CURRIE S CHEVRON	PACIFIC BELL DIRECTORY
1991	Curries Chevron	PACIFIC BELL WHITE PAGES
1986	Curries Chevron	PACIFIC BELL WHITE PAGES
1975	KIMBROUGH ELBERT CHEVRON	Pacific Telephone
1970	KIMBROUGH ELBERT CHEVRON SERVICE	Pacific Telephone Directory
1967	FREEMAN & ROWE SERVICE GAS STA	R. L. Polk Co.
1962	Freeman & Rowe Chevron Service	Pacific Telephone

### 7250 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Eastmont Auto & Tire Center	PACIFIC BELL WHITE PAGES
	E AS TMON T AUTO GOODYE AR	PACIFIC BELL WHITE PAGES

### 7300 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	24 HOUR LOCKSMITH	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	24 HOUR LOCKSMITH	Cole Information Services
2006	EASTMONT HERO	Haines Company, Inc.
2000	188 EASTMONT HERO	Pacific Bell
1996	188 EASTMONT HERO	PACIFIC BELL DIRECTORY
1992	311 TRI-MED WOMEN S CLINIC	PACIFIC BELL DIRECTORY
1967	FIRESTONE STORES TIRE OLRS	R. L. Polk Co.

### 7301 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	CHURCHS CHICKEN	Cole Information Services
2006	CHURCHS FRIED	Haines Company, Inc.
2000	CHURCH S FRIED CHICKEN	Pacific Bell
1996	CHURCH S FRIED CHICKEN	PACIFIC BELL DIRECTORY
1992	CHURCH S FRIED CHICKEN	PACIFIC BELL DIRECTORY
1980	Churchs Fried Chicken	Pacific Telephone

### 7322 BANCROFT AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ENGBLOM MILDRED R	The Pacific Telephone & Telegraph Co.
1950	FULLERTON WM H R	The Pacific Telephone & Telegraph Co.

### BANCROFT CT

#### 6921 BANCROFT CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	SACRISON EDITH MRS R	The Pacific Telephone & Telegraph Co.

### BANCROFT WAY

#### 7001 BANCROFT WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	TRIPSETT C J R	The Pacific Telephone & Telegraph Co.

### CHURCH AVE

#### 2455 CHURCH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	OAKLAND PUBLIC SCHOOLS	Pacific Telephone

## FINDINGS

### **CHURCH DR**

#### **2517 CHURCH DR**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	LTSAN CV	Pacific Telephone

### **CHURCH LN**

#### **2451 CHURCH LN**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	ABBOTT WARREN H SANPABLO	Pacific Telephone Directory
	KIMBALL S MOBILE HOME COURT SAN PABLO	Pacific Telephone Directory

#### **2560 CHURCH LN**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	ST JOSEPH CEMETERY SAN PABLO	Pacific Telephone Directory

### **CHURCH ST**

#### **2363 CHURCH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a BOULDIN Drucilla	Haines Company, Inc.
1967	BOULDIN DRUCILLA MRS	R. L. Polk Co.
1955	SHAFFER DELBERT	The Pacific Telephone & Telegraph Co.
1950	HEWITT HERBERT R	The Pacific Telephone & Telegraph Co.
1945	HEWITT HERBERT R	The Pacific Telephone & Telegraph Co.
1943	HEWITT Herbt Sadie mach opr h	R. L. Polk & Co.
	HEWITT Sadie bndrywkr r	R. L. Polk & Co.
1938	WYNESS DAVID R	Pacific Telephone
1933	DAVIS MARY MRS R	R. L. Polk & Co.
	WYNESS ALEX H SIGN PNTR R	R. L. Polk & Co.
	WYNESS DAVID M (MARY) PNTR H	R. L. Polk & Co.
	WYNESS GEO H BKPR R	R. L. Polk & Co.
1928	Wyness Alex pntr R	R.L. Polk and Co of California
	Wyness David Mary pntr H	R.L. Polk and Co of California
	Wyness Evelyn sten Faeool Motors Co R	R.L. Polk and Co of California
	Wyness Geo stdt R	R.L. Polk and Co of California

## FINDINGS

### 2368 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a WHITE Carmen	Haines Company, Inc.
	HEMPHILL Henry	Haines Company, Inc.
2000	HEMPHILL HENRY	Pacific Bell
	WHITE CARMEN	Pacific Bell
1996	WHITE NORMAL E	PACIFIC BELL DIRECTORY
1992	WHITE NORMAL E	PACIFIC BELL DIRECTORY
1970	WHITE NORMAL E	Pacific Telephone Directory
1967	WHITE NORMAL E	R. L. Polk Co.
1962	Aniasco Evelyn	Pacific Telephone
1955	ANIASCO EVELYN R	The Pacific Telephone & Telegraph Co.
1943	Butorovich Frank Irene lab h	R. L. Polk & Co.
1933	SMITH GLENN A (VIOLET) H	R. L. Polk & Co.
1928	Webster Glen E Bessie swtchmn H	R.L. Polk and Co of California

### 2369 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	S PERCY Claude	Haines Company, Inc.
1967	PERSEY CLAUDE	R. L. Polk Co.
1962	Johnson Phyllis L	Pacific Telephone
	Johnson Johnnie D	Pacific Telephone
1955	BOZAJIAN HELEN R	The Pacific Telephone & Telegraph Co.
1943	Moutrie Alf T Effie h	R. L. Polk & Co.
1938	HUNT ELBERT C R	Pacific Telephone
1933	GIGLIO JOS J (MAE) MEATCTR H	R. L. Polk & Co.

### 2374 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MOSQUEDARosaara	Haines Company, Inc.
	e GUTIERREZJuan	Haines Company, Inc.
1970	SILVA JOSE	Pacific Telephone Directory
1967	YOUSE RUTH O MRS	R. L. Polk Co.
1962	Youse Edwin	Pacific Telephone

### 2375 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	RUFFIN ULYSSES E	R. L. Polk Co.
1962	Stewart Wm Alva	Pacific Telephone
1955	STEWART WM ALVA R	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	STEWART WM ALVA R	The Pacific Telephone & Telegraph Co.
1943	Stewart Wm A Eleanor mech h	R. L. Polk & Co.
1938	MOUTRIE A T R	Pacific Telephone
1933	AMENT WM F (AGNES) PAPERCTR H	R. L. Polk & Co.

### 2378 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1970	SWENSEN GERALD B	Pacific Telephone Directory
1967	CLEMENTS MARY R	R. L. Polk Co.
1962	Luttrell C M Mrs	Pacific Telephone
1945	DAVIES ARTHUR T REV R	The Pacific Telephone & Telegraph Co.
1943	Davies Arth T Rev Mary h	R. L. Polk & Co.
1938	DAVIES ARTHUR T REV R	Pacific Telephone
1933	HAYNES MABEL MRS H	R. L. Polk & Co.
1928	r Axel Leona carp H	R.L. Polk and Co of California

### 2379 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WONGTony	Haines Company, Inc.
	a MEDLEY Clifton	Haines Company, Inc.
1967	FUCLES VODHEN G	R. L. Polk Co.
1962	Parmley Arthur L	Pacific Telephone
1955	PARMLEY A L MRS R	The Pacific Telephone & Telegraph Co.
1950	PARMLEY A L MRS R	The Pacific Telephone & Telegraph Co.
1945	PARMLEY A L MRS R	The Pacific Telephone & Telegraph Co.
	BERGSTROM R L R	The Pacific Telephone & Telegraph Co.
1943	Laird Herbt Helen mech h	R. L. Polk & Co.
1938	LAIRD HELEN M R	Pacific Telephone
1933	TICE LLOYD H (ALVIS) POLICE OPD H	R. L. Polk & Co.
1928	Lloyd H Albie police OPD H	R.L. Polk and Co of California

### 2383 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FORD Margaret	Haines Company, Inc.
	a JONES Norma	Haines Company, Inc.
1970	FRIDHOLM JULIA	Pacific Telephone Directory
1967	FRIDHOLM JULIA MRS	R. L. Polk Co.
1962	Fridholm Julia	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	FRIDHOLM JULIA R	The Pacific Telephone & Telegraph Co.
1950	FRIDHOLM JULIA R	The Pacific Telephone & Telegraph Co.
1943	Segal Nathan h	R. L. Polk & Co.
1938	RICE FRED G R	Pacific Telephone
1933	BOGUSCH HERBT W (ALICE) CLK H	R. L. Polk & Co.
1928	Bogusch Herbt W Alice olk H	R.L. Polk and Co of California

### 2387 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a LITZSEY Edith	Haines Company, Inc.
2000	LITZSEY EDITH	Pacific Bell
1996	LITZSEY EDITH	PACIFIC BELL DIRECTORY
1992	LITZSEY EDITH	PACIFIC BELL DIRECTORY
1975	LITZSEY EDITH	Pacific Telephone
1967	PADOEN AMBROSE	R. L. Polk Co.
1962	Padovan Ambrose	Pacific Telephone
1955	PADOVAN AMBROSE	The Pacific Telephone & Telegraph Co.
1945	SACKS DAVID R	The Pacific Telephone & Telegraph Co.
1943	Sacks David Dorothy clk h	R. L. Polk & Co.
1938	SEARLE JOSEPHINE M R	Pacific Telephone
1933	ARNTZEN THOROLF (DORIS) CLK H	R. L. Polk & Co.
1928	Scharman Leon P Hazel cabtmkr H	R.L. Polk and Co of California

### 2391 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a DUNCAN Douglas	Haines Company, Inc.
2000	DUNCAN DOUGLAS & SUSAN	Pacific Bell
1996	DUNCAN DOUGLAS & SUSAN	PACIFIC BELL DIRECTORY
1992	DUNCAN DOUGLAS & SUSAN	PACIFIC BELL DIRECTORY
1991	Duncan Douglas & Susan	PACIFIC BELL WHITE PAGES
1967	FRASER FAY MRS	R. L. Polk Co.
1962	Fraser Wm r	Pacific Telephone
1955	FRASER WM R	The Pacific Telephone & Telegraph Co.
1950	FRASER WM R	The Pacific Telephone & Telegraph Co.
1945	FRASER WM R	The Pacific Telephone & Telegraph Co.
1943	Barstad Edgar Mabel welder h	R. L. Polk & Co.
1933	BULLOCK ELIZ MRS H	R. L. Polk & Co.
1928	ion Harry O Lovella M mgr Union Paper Co H	R.L. Polk and Co of California

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	0 Jirha clk R	R.L. Polk and Co of California

### 2399 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CEJA Pablo	Haines Company, Inc.
	OCHOA Pablo	Haines Company, Inc.

### 2400 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1975	GOMEZ ANGELINA	Pacific Telephone
1970	GOMEZ ANGELINA	Pacific Telephone Directory
1967	LARSEN OTTO H	R. L. Polk Co.
1962	Larsen Otto H	Pacific Telephone
	Larsen Ethel Mrs	Pacific Telephone
1945	CARPENTER W H R	The Pacific Telephone & Telegraph Co.
1943	Carpenter Wm H Tanda A Ry MS h	R. L. Polk & Co.
1938	HIGGINS D G R	Pacific Telephone
1933	WALLIS DAVID L (ELLA L) AUTO MECH H	R. L. Polk & Co.
	WALLACE D L SERV STA ATDT RICHFIELD OIL CO R	R. L. Polk & Co.
1928	M May B sten R	R.L. Polk and Co of California
	cific Lee C May carp H	R.L. Polk and Co of California

### 2401 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	INVESTMENT PROPERTY	Cole Information Services
2006	NESTOR Stephen	Haines Company, Inc.
1970	CAMBRA ALICE	Pacific Telephone Directory
1967	CAMBRA ALICE A MRS	R. L. Polk Co.
1962	Cambra Alice	Pacific Telephone
1955	MCGUE ROBT R R	The Pacific Telephone & Telegraph Co.
1950	MC GUE ROBT R R	The Pacific Telephone & Telegraph Co.
1945	BOETES BERT R	The Pacific Telephone & Telegraph Co.
1943	Boetes Bert Jane carrier Okld PO h	R. L. Polk & Co.

### 2415 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a STARR Ronald	Haines Company, Inc.
2000	LUSTER STEVE	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	JACKSON HAZEL	PACIFIC BELL DIRECTORY
1975	KANE CHAS W	Pacific Telephone
1970	KANE CHAS W	Pacific Telephone Directory
1967	KANE CHARLES W	R. L. Polk Co.
1962	Kane Chas W	Pacific Telephone
1955	KANE CHAS W	The Pacific Telephone & Telegraph Co.
1950	KANE CHAS W R	The Pacific Telephone & Telegraph Co.
1945	KANE CHARLES W R	The Pacific Telephone & Telegraph Co.
1943	Leeper Lena V wid C V r	R. L. Polk & Co.
	KANE Ruth J r	R. L. Polk & Co.
	KANE Chas W Marie brkmn h	R. L. Polk & Co.
1933	SHEPPARD ARCHIE W (FLORENCE) ACCT H	R. L. Polk & Co.
1928	Fairfax John L Jennie mach H	R.L. Polk and Co of California

### 2418 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	WILKINSON HENRY C (VIOLA) CARP H	R. L. Polk & Co.

### 2421 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	WILKINSON GEO A R	The Pacific Telephone & Telegraph Co.
1950	WILKINSON GEO A R	The Pacific Telephone & Telegraph Co.
1945	WILKINSON GEO A R	The Pacific Telephone & Telegraph Co.
1943	Peck Clinton G Ada r	R. L. Polk & Co.
	Wilkinson Geo A Thelma h	R. L. Polk & Co.
1933	BERNTSEN SOPHIE (WID T L) H	R. L. Polk & Co.
1928	Giles Albt E Mae mach H	R.L. Polk and Co of California

### 2424 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	SHEPHERD WM R	The Pacific Telephone & Telegraph Co.
1950	CAVAZ N MANUEL R	The Pacific Telephone & Telegraph Co.
1945	ALVARADO MANUEL R	The Pacific Telephone & Telegraph Co.
1943	Alvarado Manuel Refugio car repr h	R. L. Polk & Co.
1938	PROFFITT C G R	Pacific Telephone
1933	PROFFITT COLUMBUS (VIRGINIA) H	R. L. Polk & Co.
1928	h Fred E Grace millwkr H	R.L. Polk and Co of California

## FINDINGS

### 2428 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PEARCE R H	The Pacific Telephone & Telegraph Co.
1945	FRUEHLING H H R	The Pacific Telephone & Telegraph Co.
1933	FRUEHLING HENRY H (CARRIE) CARP H	R. L. Polk & Co.
1928	mount Wm C Ruth slsmn H	R.L. Polk and Co of California

### 2431 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	TRIPPY HOWARD E	The Pacific Telephone & Telegraph Co.
1945	TRIPPY HOWARD E R	The Pacific Telephone & Telegraph Co.
1943	Trippy Howard E Ruth E carp NSB h	R. L. Polk & Co.
1938	SCHEIDT GUS G R	Pacific Telephone
1933	COATES ARTH L (MABEL) AUTO MECH H	R. L. Polk & Co.
1928	134th Jon W honal nwtcn H	R.L. Polk and Co of California

### 2435 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	GEBHARD ROBT JOHN	The Pacific Telephone & Telegraph Co.
1945	PARRIS ELIZABETH MRS R	The Pacific Telephone & Telegraph Co.
1943	Jones Thos J Bobbie shipftr h	R. L. Polk & Co.
1933	NELSON OLOF (CHRISTINA) CARP H	R. L. Polk & Co.
	GUSTAFSON CLARENCE F (ANNA) CLK H	R. L. Polk & Co.
1928	res Peter lab R	R.L. Polk and Co of California
	Lehberger Arth F formn Merco Nordstrom Valve Co R	R.L. Polk and Co of California
1925	NELSON O R	R. L. Polk & Co. of California

### 2438 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Fruehling Henry H Carrie carp h	R. L. Polk & Co.

### 2451 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Kimballs Mobile Home Court	PACIFIC BELL WHITE PAGES

### 2455 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	OAKLAND UNIFIED SCHOOL DST	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	EDWARD SHANDS ADOLT	Cole Information Services
2006	OAKLOSC ADULT	Haines Company, Inc.
	ED SHANDS EDW	Haines Company, Inc.
1996	OAKLAND PUBLIC SCHOOLS	PACIFIC BELL DIRECTORY
1992	OAKLAND PUBLIC SCHOOLS	PACIFIC BELL DIRECTORY
1970	OAKLAND PUBLIC SCHOOLS	Pacific Telephone Directory
	OAKLAND PUBLIC SCHOOLS	Pacific Telephone Directory

### 2500 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Auto Transport Div	Pacific Telephone
1955	SOUTHERN PACIFIC CO	The Pacific Telephone & Telegraph Co.
	PAC MOTOR TRUCKING CO	The Pacific Telephone & Telegraph Co.
1945	SOUTHERN PACIFIC CO	The Pacific Telephone & Telegraph Co.
	PAC MOTOR TRUCKING CO	The Pacific Telephone & Telegraph Co.
1938	SOUTHERN PACIFIC CO	Pacific Telephone
	PAC MOTOR TRUCKING CO	Pacific Telephone

### 2511 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	CEJDA ROBT L	R. L. Polk Co.
1955	GRAHAM WM	The Pacific Telephone & Telegraph Co.
	SHOHOLM A G	The Pacific Telephone & Telegraph Co.
1945	UTTERBACK V W R	The Pacific Telephone & Telegraph Co.
1933	REYNOLDS BERNARD F (ELAINE) MARINER H	R. L. Polk & Co.
1928	Westley Carl Elsie cabt nmkr H	R.L. Polk and Co of California

### 2517 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o GETERWillie	Haines Company, Inc.
	HENSON Salam	Haines Company, Inc.
2000	LEON DOM	Pacific Bell
1975	LESAN FLORENCE	Pacific Telephone
1970	LESAN C V	Pacific Telephone Directory
	LESAN FLORENCE	Pacific Telephone Directory
1967	LESAN CLEO V	R. L. Polk Co.
1962	Rodrigues Rudolph	Pacific Telephone
1955	TERRY C L	The Pacific Telephone & Telegraph Co.
1950	DIETZ JACK R R	The Pacific Telephone & Telegraph Co.

## FINDINGS

### 2525 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a VANEGASAmo Ido	Haines Company, Inc.
1967	PEREZ GREGORID L	R. L. Polk Co.
1945	KAISER JULIUS R	The Pacific Telephone & Telegraph Co.
1943	Bakker Doris pkr r	R. L. Polk & Co.
	KAISER Julius F Thelma pipeftr h	R. L. Polk & Co.
1938	VAZQUEZ VERA R	Pacific Telephone
1933	BACA GLYNN H (ELLEN H) CLK H	R. L. Polk & Co.
1928	Sivestri Mary tailor R	R.L. Polk and Co of California
	Pierrri senry Beatrice lab H	R.L. Polk and Co of California

### 2560 CHURCH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	St Joseph Cemetery	PACIFIC BELL WHITE PAGES

### EASTMINONT MALL

#### 230 EASTMINONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Juns Jewelry	PACIFIC BELL WHITE PAGES

### EASTMIONT MALL

#### 34 EASTMIONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Cafe de Maxim	PACIFIC BELL WHITE PAGES

### EASTMONT MALL

#### 1 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHRTACDMY	Haines Company, Inc.
	FANTASYGIFTS	Haines Company, Inc.
	SECURITAS	Haines Company, Inc.
	SECURITY	Haines Company, Inc.
	SERVICES	Haines Company, Inc.
	PREPARATORY	Haines Company, Inc.
1996	EASTMONT MALL SHOPPING CENTER- ADMIN OFFICE	PACIFIC BELL DIRECTORY
	2 FANTASY GIFTS	PACIFIC BELL DIRECTORY

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	GILMORE ENTERPRISES LTD	PACIFIC BELL DIRECTORY
	LML DEVELOPMENT	PACIFIC BELL DIRECTORY
	J R BOOKSTORE	PACIFIC BELL DIRECTORY
	BABE RUTH BASEBALL	PACIFIC BELL DIRECTORY
	9 CHECKERS TAILORS & TRADING STORES	PACIFIC BELL DIRECTORY
	303 EAST OAKLAND PREVENTION INTERVENTION	PACIFIC BELL DIRECTORY

### 10 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	HILLCARE HEALTH SERVICES INC	PACIFIC BELL DIRECTORY
	HEALTHY TOMORROWS PROJECT	PACIFIC BELL DIRECTORY
	4 EASTMONT VIDEO	PACIFIC BELL DIRECTORY
	7 AKS SALT & PEPPER CONSTRUCTION	PACIFIC BELL DIRECTORY
	13 PLANNED PARENTHOOD	PACIFIC BELL DIRECTORY
	304 MILEY NATHAN	PACIFIC BELL DIRECTORY
	304 UNITED SENIORS OF OAKLAND	PACIFIC BELL DIRECTORY
	307 OAKKNOLL PSYCHOTHERAPY SERVICES	PACIFIC BELL DIRECTORY
	313 WEST COAST PATHOLOGY DRAW STATION	PACIFIC BELL DIRECTORY
1992	4 EASTMONT VIDEO	PACIFIC BELL DIRECTORY
	6 ELLERBY ENTERPRISES	PACIFIC BELL DIRECTORY
	9 RICH ORIGINALS CO	PACIFIC BELL DIRECTORY
	13 PLANNED PARENTHOOD	PACIFIC BELL DIRECTORY
	13 PLANNED PARENTHOOD	PACIFIC BELL DIRECTORY
	301 NURSES IN ACTION	PACIFIC BELL DIRECTORY
	316 FIELDS FRANK C DPM	PACIFIC BELL DIRECTORY
	306 LEE BARBARA ASSEMBLYWOMAN 13TH DISTRICT	PACIFIC BELL DIRECTORY
	304 UNITED SENIORS OF OAKLAND	PACIFIC BELL DIRECTORY
	303 CASTLEMONT CORRIDOR FAMILY & CHILDREN	PACIFIC BELL DIRECTORY
	304 MILEY NATHAN	PACIFIC BELL DIRECTORY
1980	Skills Bank	Pacific Telephone
	Fields Frank C Dr podtrst	Pacific Telephone
	FERRISS ALFRED W MD	Pacific Telephone
	Eastmont Mall Associates	Pacific Telephone
	Doyle John A Cramer & Doyle attys	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Cramer Robt Cramer & Doyle attys	Pacific Telephone
	Cramer & Doylo attys	Pacific Telephone
	Cal State Package & Tavern Owners Association	Pacific Telephone
	Cal Pac	Pacific Telephone
	Anderson Arthur R MD	Pacific Telephone
	East Oakland Mental Health Center	Pacific Telephone
	East Oakland Mental Health Center	Pacific Telephone
	Alameda County Manpower Coordination Committee	Pacific Telephone
	Skills Bank Project	Pacific Telephone

### 100 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BEST PRICE	Haines Company, Inc.
	FASHION	Haines Company, Inc.
1980	ZZZ Locksmith	Pacific Telephone
	Walk In Stores	Pacific Telephone
	IMAGE EXPRESS PHOTOGRAPHY	Pacific Telephone
	Sabnanis Custom Tailors	Pacific Telephone
	ZZZ LOCKSMITH	Pacific Telephone
	Eastmont Lock & Key Shop	Pacific Telephone

### 102 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	STAR BEAUTY SUPPLY	PACIFIC BELL DIRECTORY
1980	Gallenkamp Stores Co	Pacific Telephone

### 107 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PAYLESS	Haines Company, Inc.
	SHOESOURCE	Haines Company, Inc.
1996	PAYLESS SHOESOURCE	PACIFIC BELL DIRECTORY
1992	PAYLESS SHOESOURCE	PACIFIC BELL DIRECTORY

### 108 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	NATIONAL DOLLAR STORES	PACIFIC BELL DIRECTORY



## FINDINGS

### 111 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	FOXY TWO	PACIFIC BELL DIRECTORY
1992	FOXY TWO	PACIFIC BELL DIRECTORY
1980	Foxy Two ladies wear	Pacific Telephone

### 112 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Eastmont Card Center	Pacific Telephone

### 113 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	H JOHN S	PACIFIC BELL DIRECTORY
1986	Honest Johns	PACIFIC BELL WHITE PAGES
1980	Goldeen & Sons	Pacific Telephone
	Honest Johns	Pacific Telephone

### 117 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	MARCELS	PACIFIC BELL DIRECTORY
1980	General Nutrition Centers	Pacific Telephone

### 121 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	AN S JEWELRY	PACIFIC BELL DIRECTORY

### 122 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	STAR BEAUTY	Haines Company, Inc.
	SUPPLY	Haines Company, Inc.
1996	STAR BEAUTY SUPPLY	PACIFIC BELL DIRECTORY
	B & K DISCOUNT	PACIFIC BELL DIRECTORY
1980	Consumers Distributing	Pacific Telephone

### 123 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	VALUE PLUS FURNITURE	PACIFIC BELL DIRECTORY

### 124 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	ARGUS AUTO ACCESORIES	PACIFIC BELL DIRECTORY
1980	Beadazzled	Pacific Telephone

## FINDINGS

### 126 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	H & F DISCOUNT	PACIFIC BELL DIRECTORY
1992	COPE'S CALIFORNIA	PACIFIC BELL DIRECTORY
1980	Standard Beauty Stores	Pacific Telephone

### 127 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	A 1 SPORTS	PACIFIC BELL DIRECTORY
1992	A 1 SPORTS	PACIFIC BELL DIRECTORY

### 128 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Flagg Brothers Shoes	Pacific Telephone

### 129 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	TOP SECRET BOUTIQUE	PACIFIC BELL DIRECTORY
	TOUGH PHOTOS	PACIFIC BELL DIRECTORY
1980	Jewels By Jacques	Pacific Telephone

### 13 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Sparkle Cleaners	Pacific Telephone
	Sparkle Clean Cleaners	Pacific Telephone
	East Bay Carpet Upholstery & Drapery Cleaning	Pacific Telephone

### 131 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ALL AFRICAN IMPORTS	Haines Company, Inc.
	IMPORTS	Haines Company, Inc.
1996	ALL AFRICAN IMPORTS	PACIFIC BELL DIRECTORY
1992	ALL-AFRICAN IMPORTS	PACIFIC BELL DIRECTORY
1980	Tropicana Fashions	Pacific Telephone

### 132 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	r LADIES PLUS	Haines Company, Inc.
1996	LADIES PLUS	PACIFIC BELL DIRECTORY

## FINDINGS

### 133 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SOULBEAT KSBT CH 37	PACIFIC BELL DIRECTORY
	SOULBEAT KSBT CH 37	PACIFIC BELL DIRECTORY
1992	MISSION EMPORIUM	PACIFIC BELL DIRECTORY

### 134 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	NEW FASHION JEWELRY & REPAIRS	PACIFIC BELL DIRECTORY

### 136 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	EASTMONT FOUR CINEMAS	PACIFIC BELL DIRECTORY

### 137 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	LADIES PLUS	PACIFIC BELL DIRECTORY
1992	RAJAN GENERAL STORE	PACIFIC BELL DIRECTORY

### 138 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	ORIGINAL GEAR	PACIFIC BELL DIRECTORY
1992	DIAMOND CENTER THE	PACIFIC BELL DIRECTORY
	GIFT S BY RAJAN	PACIFIC BELL DIRECTORY
1980	Keepsake Diamond Center	Pacific Telephone

### 139 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	STAR FASHION IN THE MARKET PLACE	PACIFIC BELL DIRECTORY
1992	EAST BAY CLOTHING CO	PACIFIC BELL DIRECTORY

### 14 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	EASTMONT OPTOMETRIC GROUP	PACIFIC BELL DIRECTORY
1992	EASTMONT OPTOMETRIC GROUP	PACIFIC BELL DIRECTORY
1980	Haw Eddy L Dr	Pacific Telephone
	Wong Wallace L optmtrst	Pacific Telephone
	Harano Katherine S Dr	Pacific Telephone

## FINDINGS

### 141 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	CHESTERFIELD LEATHER	PACIFIC BELL DIRECTORY

### 143 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	YOUR BLACK MUSLIM BAKERY OUTLET NO 3	PACIFIC BELL DIRECTORY
1992	T & S YOGURT	PACIFIC BELL DIRECTORY
1980	ORANGE JULIUS OF AMERICA	Pacific Telephone

### 15 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	BUSINESS ELECTRONX	Cole Information Services
1996	THOMAS SHOE REPAIR	PACIFIC BELL DIRECTORY
1992	THOMAS SHOE REPAIR	PACIFIC BELL DIRECTORY

### 150 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	MARKET PLACE THE	PACIFIC BELL DIRECTORY
	8 FURNITURE CLUB THE	PACIFIC BELL DIRECTORY
	23 TOY DEPARTMENT	PACIFIC BELL DIRECTORY
	24 EXPRESS PAGING & CELLULAR	PACIFIC BELL DIRECTORY
	28 DA BOMB	PACIFIC BELL DIRECTORY
	30 CAMP ELECTRONICS	PACIFIC BELL DIRECTORY
	31 PERFUME CLUB	PACIFIC BELL DIRECTORY
	32 I S FASHION	PACIFIC BELL DIRECTORY

### 151 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Parklane Hosiery Stores	Pacific Telephone

### 153 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	ROUND WORLD SPORTS	PACIFIC BELL DIRECTORY
1992	PRO SPORTS U S A INC	PACIFIC BELL DIRECTORY

### 155 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	EXPOSE	PACIFIC BELL DIRECTORY
1992	RAFFINE JEWELERS	PACIFIC BELL DIRECTORY
1980	Odyssey Clothiers Inc	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Odyssey Clothier Inc	Pacific Telephone

### 157 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	REGAL SHOE SHOP	PACIFIC BELL DIRECTORY
1980	Regal Shoe Shop	Pacific Telephone

### 159 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	AN S JEWELRY	PACIFIC BELL DIRECTORY
1980	Stores	Pacific Telephone

### 160 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	FIFTH AVENUE FASHIONS	PACIFIC BELL DIRECTORY

### 162 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ABLEPACKAGING	Haines Company, Inc.
1996	T S WAUZI RECORDS	PACIFIC BELL DIRECTORY
1992	T S WAUZI RECORDS	PACIFIC BELL DIRECTORY
1980	Maling Shoes	Pacific Telephone
	Allens Shoes Inc	Pacific Telephone

### 164 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	KICK N IT	PACIFIC BELL DIRECTORY
1992	ZAK S	PACIFIC BELL DIRECTORY
	SINJIL TRADING CO INC	PACIFIC BELL DIRECTORY
1980	Tops & Pants	Pacific Telephone

### 165 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	LEONARD S CLOTHING	PACIFIC BELL DIRECTORY
1980	Leonards Clothing	Pacific Telephone

### 166 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ANS JEWELRY	Haines Company, Inc.

## FINDINGS

### 167 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	ABLE PACKAGING CO	PACIFIC BELL DIRECTORY
1992	WOOLWORTH F W CO	PACIFIC BELL DIRECTORY
1980	Eastmont Mall	Pacific Telephone

### 168 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VOGUE FOR MENS	Haines Company, Inc.
1996	VOGUE FOR MENS	PACIFIC BELL DIRECTORY
1992	WORLD OF PANTS	PACIFIC BELL DIRECTORY
1980	World Of Pants	Pacific Telephone

### 169 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	FOOT LOCKER	PACIFIC BELL DIRECTORY
1992	FOOT LOCKER	PACIFIC BELL DIRECTORY

### 170 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ICJOBS	Haines Company, Inc.
1996	GOOD DEALS	PACIFIC BELL DIRECTORY
1992	GOOD DEALS	PACIFIC BELL DIRECTORY

### 172 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	YOUNGSWIGS	Haines Company, Inc.
1996	YOUNG S WIGS	PACIFIC BELL DIRECTORY
1992	YOUNG S WIGS	PACIFIC BELL DIRECTORY

### 174 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	JV BOUTIQUE	PACIFIC BELL DIRECTORY
1980	Pants Express	Pacific Telephone

### 178 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MILEY NATHAN	Haines Company, Inc.
1996	CALIFORNIA NAILS	PACIFIC BELL DIRECTORY
1992	CALIFORNIA NAILS	PACIFIC BELL DIRECTORY

## FINDINGS

### 180 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CENTER	Haines Company, Inc.
	EASTMONTTOWN	Haines Company, Inc.

### 182 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	KARMELKORN SHOPPE	PACIFIC BELL DIRECTORY
1980	Karmelkorn Shoppe	Pacific Telephone

### 184 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LAS PALMAS	Haines Company, Inc.
1996	LAS PALMAS 9	PACIFIC BELL DIRECTORY
1992	LAS PALMAS 9	PACIFIC BELL DIRECTORY

### 186 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	HO S CHINESE FOODS	PACIFIC BELL DIRECTORY
1992	HO S CHINESE FOODS	PACIFIC BELL DIRECTORY
1980	Hos Chinese Foods	Pacific Telephone
	Hos Chinese Food	Pacific Telephone

### 190 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PORTALES	Haines Company, Inc.
	TAQUERIA LOS	Haines Company, Inc.
1996	LOS PORTALES	PACIFIC BELL DIRECTORY
1992	LEES KITCHEN	PACIFIC BELL DIRECTORY

### 192 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FANCY FOOD	Haines Company, Inc.
1996	FANCY FOOD	PACIFIC BELL DIRECTORY

### 2 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	OAKLAND COMMUNITY ORGANIZATIONS	Cole Information Services
2008	OAKLAND COMMUNITY	Cole Information Services
2006	ORGANIZATIONS	Haines Company, Inc.
	OAKLD COMMUNrr Y	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	OAKLAND COMMUNITY ORGANIZATIONS	PACIFIC BELL DIRECTORY

### 20 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Bank Of America Convenience Banking Center	PACIFIC BELL WHITE PAGES

### 206 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Jay Vee Stores	Pacific Telephone

### 211 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SOLOMAN S PROUD LOOKS	PACIFIC BELL DIRECTORY
1980	Solomans Proud Looks clthng	Pacific Telephone

### 212 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	EASTMONT MALL ICE CREAM PARLOR & CANDY STORE	Pacific Telephone
	Eastmont Ice Cream Parlor & Candy Store	Pacific Telephone

### 213 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	AFRICAN SUPER SHOP	PACIFIC BELL DIRECTORY

### 218 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	PALZASHA ICE CREAM	PACIFIC BELL DIRECTORY

### 22 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	H SALT ESQ FISH & CHIPS	Cole Information Services
2006	H SALT ESO FISH& CHIPS	Haines Company, Inc. Haines Company, Inc.
1996	117 H SALT ESQ FISH & CHIPS	PACIFIC BELL DIRECTORY
1980	H SALT ESQUIRE FISH & CHIPS TAKEOUT RESTAURANT	Pacific Telephone

### 224 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	222 PAYLESS SHOESOURCE	PACIFIC BELL DIRECTORY



## FINDINGS

### 230 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	JUN S JEWELERY	PACIFIC BELL DIRECTORY
1992	JUN S JEWELERY	PACIFIC BELL DIRECTORY
1980	Eastmont Toys & Hobbys	Pacific Telephone
	EASTMONT TOYS & HOBBYS	Pacific Telephone

### 24 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	CLEM DANIELS INC	Cole Information Services
1980	Eastmont Mall Liquors	Pacific Telephone
	Eastmont Mall Liquors	Pacific Telephone

### 240 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GENERATION NAILS	PACIFIC BELL DIRECTORY
1992	GENERATION NAILS	PACIFIC BELL DIRECTORY
	CYNTHIA S ALTERATION SHOP	PACIFIC BELL DIRECTORY
1980	Wacky Shirts	Pacific Telephone

### 241 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	CINDY S MAGIC WAND	PACIFIC BELL DIRECTORY
1992	SOUL SCISSORS BEAUTY SALON	PACIFIC BELL DIRECTORY
1991	Soul Scissors Beauty Salon	PACIFIC BELL WHITE PAGES
1980	Soul Scissors Beauty Salon	Pacific Telephone

### 251 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PREPARATORY	Haines Company, Inc.
	CHARTER ACADEMY	Haines Company, Inc.
1992	JUST FOR KIDS	PACIFIC BELL DIRECTORY
1980	Nobby	Pacific Telephone

### 26 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	BOB CAIN S TEXAS STYLE BAR-B-QUE	PACIFIC BELL DIRECTORY
	ESSIE S ACCESSORIES	PACIFIC BELL DIRECTORY
1980	C & C Check Cashing Co	Pacific Telephone

## FINDINGS

### 260 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	STAR DOGS	PACIFIC BELL DIRECTORY

### 261 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	FANTASY GIFT INC	PACIFIC BELL DIRECTORY
1980	Leeds Shoe Store	Pacific Telephone

### 262 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	FASHIONS BY DELORES	PACIFIC BELL DIRECTORY
1992	FASHIONS BY DELORES	PACIFIC BELL DIRECTORY
1980	Fredericks Of Hollywood	Pacific Telephone

### 263 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	ELECTRONX	PACIFIC BELL DIRECTORY
1992	PETRIE S	PACIFIC BELL DIRECTORY
1980	Petries womens apprl	Pacific Telephone

### 264 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	MEPSY 9	PACIFIC BELL DIRECTORY

### 265 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	YOU AND YOUR IMAGE	PACIFIC BELL DIRECTORY
1980	Thom Mc An Shoes	Pacific Telephone

### 266 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WOODS ANTHONY T	Haines Company, Inc.
	LAW OFFICES	Haines Company, Inc.
1996	REVELATIONS GOSPEL MUSIC STORE	PACIFIC BELL DIRECTORY

### 267 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	ULTIMA	PACIFIC BELL DIRECTORY
	PETRIE PLUS	PACIFIC BELL DIRECTORY

## FINDINGS

### 268 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	E & J APPAREL	PACIFIC BELL DIRECTORY
	E & J APPAREL	PACIFIC BELL DIRECTORY
1992	REVELATIONS GOSPEL MUSIC STORE	PACIFIC BELL DIRECTORY
1980	Wolffs Jewelers	Pacific Telephone
	Retail Credit Jewelers	Pacific Telephone

### 269 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Anita Shops	Pacific Telephone

### 27 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	GRANDPARENTS & RELATIVES	Cole Information Services

### 270 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RLTVS AS SCND	Haines Company, Inc.
	GRANDPARENTS	Haines Company, Inc.
	WARMLINE	Haines Company, Inc.
	GRANDPARENTS&	Haines Company, Inc.

### 272 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OAKLD EASTBAY	Haines Company, Inc.
	DEMOCRAT CLUB	Haines Company, Inc.

### 273 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SHOWCASE	Haines Company, Inc.
	LUNCOLN CHILD	Haines Company, Inc.
	CENTER	Haines Company, Inc.
	NO GOLDENAGE	Haines Company, Inc.
1980	Phonecenter Store	Pacific Telephone
	East Oakland	Pacific Telephone

### 275 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	MERVYN S DEPARTMENT STORES	PACIFIC BELL DIRECTORY
1980	Eastmont Store	Pacific Telephone

## FINDINGS

### 279 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	JUST FOR KIDS	PACIFIC BELL DIRECTORY

### 29 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DONUTS & SNACKS	Haines Company, Inc.
1996	DONUTS & SNACKS	PACIFIC BELL DIRECTORY
1992	DONUTS & SNACKS	PACIFIC BELL DIRECTORY

### 34 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	A JO ELLEN S LAMPLIGHTER LOUNGE	PACIFIC BELL DIRECTORY
1980	Cafe de Maxim	Pacific Telephone
	Lamplighter Lounge	Pacific Telephone

### 36 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CASHING	Haines Company, Inc.
	MONEYMART	Haines Company, Inc.
	C&CCHECK	Haines Company, Inc.
1996	C & C CHECK CASHING COMPANY	PACIFIC BELL DIRECTORY

### 44 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Firestone Stores Div Of Firestone Tire & Rubber Co	PACIFIC BELL WHITE PAGES
1980	Firestone Stores Div Of Firestone Tire & Rubber Co	Pacific Telephone

### 60 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	UNITED SENIORS OF OAKLAND	Cole Information Services
1980	Jollys	Pacific Telephone

### 70 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	CYBELLE S PIZZA RESTAURANTS	PACIFIC BELL DIRECTORY
1980	PIZZA HUT	Pacific Telephone

## FINDINGS

### 8 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	CITY COUNCIL OFF NATHAN MILEY	Cole Information Services
2000	UNITED SENIORS OF OAKLAND	Pacific Bell
	MILEY NATHAN	Pacific Bell

### 9 EASTMONT MALL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	MONEY MART	Cole Information Services
2008	MONEY MART	Cole Information Services

### EASTMONT ML

### 10 EASTMONT ML

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	CALIFORNIA STATE OF BAY AREA AIR POLLUTION CONTROL DIST	Pacific Telephone
	FONG MARCH K ASSEMBLYWOMAN	Pacific Telephone

### HALLIDAY AVE

### 6850 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1980	Davis Franklin D	Pacific Telephone
1970	DAVIS GRACE	Pacific Telephone Directory
	CHILD EVANGELISM FELLOWSHIP OF OAKLAND	Pacific Telephone Directory
1967	CHILD EVANGELISM FELLOWSHIP	R. L. Polk Co.
	CHRISTIAN TEACHING	R. L. Polk Co.
1962	Davis Grace	Pacific Telephone
	Child Evangelism Fellowship of Oakland	Pacific Telephone
1955	LYNN ROBT A SR	The Pacific Telephone & Telegraph Co.
1950	LEHTONEN E W R	The Pacific Telephone & Telegraph Co.
1945	HALLENBECK S R R	The Pacific Telephone & Telegraph Co.
1943	Farr Frank M Zelta engvr ONE&GCo r	R. L. Polk & Co.
1938	PAINTER JOHN E R	Pacific Telephone
1933	BARNES DAVID W (ELLA) CARP H	R. L. Polk & Co.
1928	B Henry C Viola carp H	R.L. Polk and Co of California

## FINDINGS

### 6851 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	TAYLOR ROBT C	R. L. Polk Co.
1962	Cowart Robt J	Pacific Telephone
1950	MYERS W L JR R	The Pacific Telephone & Telegraph Co.
1945	ERICKSEN EDWIN C R	The Pacific Telephone & Telegraph Co.
1943	Tanner Boyce H Audrey USN h	R. L. Polk & Co.
1938	DAVIES ERNEST R R	Pacific Telephone
1933	DAVIES ARTH T INS H	R. L. Polk & Co.
	DAVIES MYRTLE B CLK R	R. L. Polk & Co.

### 6858 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SCOTT Aaron	Haines Company, Inc.
2000	SCOTT AARON	Pacific Bell
1996	SCOTT AARON	PACIFIC BELL DIRECTORY
	SCOTT AARON FAX	PACIFIC BELL DIRECTORY
1992	HASAN ABDUL-ALI TALIB-DIN	PACIFIC BELL DIRECTORY
1967	FREDRICKSON MELVIN C	R. L. Polk Co.
1955	FREDRICKSON MELVIN R	The Pacific Telephone & Telegraph Co.

### 6859 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CASSEY Jessie	Haines Company, Inc.
1980	Lane Jessie Mae	Pacific Telephone
1970	LANE JESSIE MAE	Pacific Telephone Directory
1967	LANE JESSIE M	R. L. Polk Co.
1962	Casanova J	Pacific Telephone
1955	CASANOVA J R	The Pacific Telephone & Telegraph Co.
1950	CASANOVA J R	The Pacific Telephone & Telegraph Co.
1945	CASANOVA J R	The Pacific Telephone & Telegraph Co.
1943	Casanova Jos B Clara electn h	R. L. Polk & Co.

### 6865 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
	No Current Listing	Haines Company, Inc.
2000	BOWLING CHAS MRS	Pacific Bell
1996	BOWLING CHAS MRS	PACIFIC BELL DIRECTORY

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	BOWLING CHAS MRS	PACIFIC BELL DIRECTORY
1991	Bowling Chas Mrs	PACIFIC BELL WHITE PAGES
1986	Washington Albert	PACIFIC BELL WHITE PAGES
1980	Bowling Chas Mrs	Pacific Telephone
1975	BOWLING CHAS MRS	Pacific Telephone
1970	BOWLING SHARON L	Pacific Telephone Directory
	BOWLING CHAS MRS	Pacific Telephone Directory
1967	BOWLING CHARLES R	R. L. Polk Co.
1962	Beddoe L R	Pacific Telephone
1955	BEDDOE L R R	The Pacific Telephone & Telegraph Co.
1950	BEDDOE L R R	The Pacific Telephone & Telegraph Co.
1945	BEDDOE L R R	The Pacific Telephone & Telegraph Co.
1943	Beddoe Le Roy Bertha printer h	R. L. Polk & Co.
1938	BEDDOE L R R	Pacific Telephone
1928	Fleming Sidney M Grace olk H	R.L. Polk and Co of California

### 6868 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	GARRETT NATHL	R. L. Polk Co.
1962	Brooks Clarence W	Pacific Telephone
	Brooks Ola	Pacific Telephone
1955	WITTE JOHN	The Pacific Telephone & Telegraph Co.
1950	KNIGHT M PAUL R	The Pacific Telephone & Telegraph Co.
1945	MICKELSON ROBT R	The Pacific Telephone & Telegraph Co.
1943	DYE Earl E Ella mach h	R. L. Polk & Co.
1938	DYE ERLA M R	Pacific Telephone
1933	DYE EARL E (ELLA) CLK H	R. L. Polk & Co.
1928	B Earl B Ella maoh H	R.L. Polk and Co of California
	av Frank E mach R	R.L. Polk and Co of California

### 6900 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Laws A	PACIFIC BELL WHITE PAGES
1980	Laws Louise M	Pacific Telephone
1970	LAWS LOUISE M	Pacific Telephone Directory
1967	LAWS JOHN	R. L. Polk Co.
1962	Laws Lonnie R	Pacific Telephone
1955	LAWS LONNIE R R	The Pacific Telephone & Telegraph Co.
1950	LAWS LONNIE R R	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	LAWS LONNIE R R	The Pacific Telephone & Telegraph Co.
1943	Guthu Rosetta fctywkr r	R. L. Polk & Co.
	Izer Arth G Pearl pile driver h	R. L. Polk & Co.
1933	BURNHAM ROBT M CLK R	R. L. Polk & Co.
	BURNHAM ROY (NORA) WITH U S L BATTERY CORP H	R. L. Polk & Co.
1928	Bergk Edmund W Ida auto mech H	R.L. Polk and Co of California

### 6901 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o SAECHAOMuangllum	Haines Company, Inc.
1970	JONES CHAS	Pacific Telephone Directory
	JONES LULA	Pacific Telephone Directory
1967	FRENCH DORA MRS	R. L. Polk Co.
1962	French Dora	Pacific Telephone
1955	FRENCH DORA	The Pacific Telephone & Telegraph Co.
1950	PEASE RALPH H R	The Pacific Telephone & Telegraph Co.
1945	PEASE RALPH H R	The Pacific Telephone & Telegraph Co.
1943	PEASE Ralph H Margt refrig servmn h	R. L. Polk & Co.
1938	LICHENHALL JOSEPH R	Pacific Telephone
1933	EBERL JULIUS G (MARTHA H) H	R. L. Polk & Co.
1928	P Reaymond Fern prsrxn H	R.L. Polk and Co of California

### 6905 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LOPEZ Victor	Haines Company, Inc.
1996	AGUIRRE RAFAEL	PACIFIC BELL DIRECTORY
1991	Cruz Luls	PACIFIC BELL WHITE PAGES
	Cruz M	PACIFIC BELL WHITE PAGES
	Cruz M	PACIFIC BELL WHITE PAGES
	Cruz M	PACIFIC BELL WHITE PAGES
1975	MOTLEY M L	Pacific Telephone
1970	ELLISON EDW	Pacific Telephone Directory
	ELLISON GENEVA	Pacific Telephone Directory
1967	ELLISON EDW	R. L. Polk Co.
1962	Larson Carl A Jr	Pacific Telephone
1955	LARSON CARL A R	The Pacific Telephone & Telegraph Co.
1945	ROBINSON JAS W R	The Pacific Telephone & Telegraph Co.
1943	Larson Carl A Mildred gro h	R. L. Polk & Co.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	LOUSTALOT COS R	Pacific Telephone
1933	LAWRENCE MATILDA MRS H	R. L. Polk & Co.
	LOCKHART MILDRED H MRS CLK R	R. L. Polk & Co.
1928	Peach Warren C Hazel H	R.L. Polk and Co of California

### 6906 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FELIPE Ubaldo	Haines Company, Inc.
	UVALDO Felipe	Haines Company, Inc.
1992	BRIDGES MARCIA	PACIFIC BELL DIRECTORY
1991	Bridges Marcia	PACIFIC BELL WHITE PAGES
1975	KING CLAUDE A	Pacific Telephone
1970	KING CLAUDE A	Pacific Telephone Directory
1967	KING CONNIE MRS	R. L. Polk Co.
1962	King Claude A	Pacific Telephone
1955	KING CLAUDE A R	The Pacific Telephone & Telegraph Co.
1950	KING CLAUDE A R	The Pacific Telephone & Telegraph Co.
	SCHACHT CHERYL K R	The Pacific Telephone & Telegraph Co.
1943	WATERSON Carl A Lucille mach opr h	R. L. Polk & Co.
1928	Orwig Frel Mary C H	R.L. Polk and Co of California

### 6908 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MCGLOTHEN Drucil Ila	Haines Company, Inc.
1996	MCGLOTHEN DRUCILLA	PACIFIC BELL DIRECTORY
1992	MCGLOTHEN DRUCILLA	PACIFIC BELL DIRECTORY
1991	Mc Glothen Drucilla	PACIFIC BELL WHITE PAGES
1970	PERRIE MARCEL	Pacific Telephone Directory
1967	WILLIAMS RANDOLPH R	R. L. Polk Co.
1962	Haughin Colin B	Pacific Telephone
1955	TROMBLY A L MRS R	The Pacific Telephone & Telegraph Co.
1950	TROMBLY A L MRS R	The Pacific Telephone & Telegraph Co.
1945	TROMBLY W E R	The Pacific Telephone & Telegraph Co.
1943	Trombley Wm E Alberta h	R. L. Polk & Co.
1938	TROMBLY W E R	Pacific Telephone
1933	TROMBLY WM E (ALBERTA L) REPORTER BRADSTREET CO H	R. L. Polk & Co.
1928	Wm E Alberta L reporter H	R.L. Polk and Co of California

## FINDINGS

### 6911 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o NAVARRORafael	Haines Company, Inc.
1980	Turner Len	Pacific Telephone
	Turner Lance	Pacific Telephone
	Turner Sharon	Pacific Telephone
1970	TURNER SHARON	Pacific Telephone Directory
	TURNER LANCE	Pacific Telephone Directory
1967	TURNER BEN	R. L. Polk Co.
1962	Gomes John L	Pacific Telephone
1955	GOMES JOHN L	The Pacific Telephone & Telegraph Co.
1950	SHAFFER JESSIE S R	The Pacific Telephone & Telegraph Co.
1945	GAVIN J M R	The Pacific Telephone & Telegraph Co.
1943	Gavin Jas M Gladys eng h	R. L. Polk & Co.
1933	PREVITALI SILVIO (ANNIE L) ACCT USL BATTERY CORP H	R. L. Polk & Co.
	PREVITALE ANN L BKPR JOHN BREUNER CO R	R. L. Polk & Co.
1928	Prevltali Annie L elk John Breuner Co R	R.L. Polk and Co of California
	1 Silvia Mario bkpr H	R.L. Polk and Co of California

### 6912 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e MARTINEZ Guillermo	Haines Company, Inc.
1986	Riley Wmi	PACIFIC BELL WHITE PAGES
1980	Riley Wm	Pacific Telephone
1970	RILEY WM	Pacific Telephone Directory
1967	KELSO ELIZ S MRS	R. L. Polk Co.
1962	Kelso Elizabeth S	Pacific Telephone
1955	KELSO ELIZABETH S	The Pacific Telephone & Telegraph Co.

### 6916 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GUMBS Trenen	Haines Company, Inc.
2000	LEE ZULLA B	Pacific Bell
1980	Briggs Jamah	Pacific Telephone
1975	EARNEST JOHN	Pacific Telephone
1967	MORRISON ALFREDRIC	R. L. Polk Co.
1962	Gumbs Raymond	Pacific Telephone
1955	SPRENGER WM M	The Pacific Telephone & Telegraph Co.
1950	ERWIN CATHERN S R	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	MARTIN PETE R	The Pacific Telephone & Telegraph Co.
1943	Thompson Walter E Jean C shipydwkr h	R. L. Polk & Co.
1938	HEINTZ JOHN R	Pacific Telephone
1933	FINN MAURICE J (ILMA) LAB H	R. L. Polk & Co.
1928	Markesen Chris Hilda baker H	R.L. Polk and Co of California

### 6917 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MURRAY Leon P	Haines Company, Inc.
	MANNING AJisha	Haines Company, Inc.
	MURRAY Leon P	Haines Company, Inc.
1970	JONES ANNE H MRS	Pacific Telephone Directory
1967	BUCHHOLZ ERIC S L	R. L. Polk Co.
1962	Buchholz Erich	Pacific Telephone
1955	LOCONTE DOMINIC	The Pacific Telephone & Telegraph Co.
1945	POMERANZ FRED R	The Pacific Telephone & Telegraph Co.
1943	Pomeranz Fred Anna D formn h	R. L. Polk & Co.
1933	SACKRIDER EARL H (EVELYN) BAKER	R. L. Polk & Co.
	BAYTON CARRIE MRS R	R. L. Polk & Co.
1928	Sackrider Earl H Ellen A H	R.L. Polk and Co of California
	Dayton Carre F wid John R	R.L. Polk and Co of California

### 6922 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ARCHIBALDSt Oven	Haines Company, Inc.
1996	AVALOS IGNACIO	PACIFIC BELL DIRECTORY
1992	MAYFIELD SHELIA	PACIFIC BELL DIRECTORY
1970	HUERTA SALVADOR V	Pacific Telephone Directory
1967	HUERTA SALVADOR V	R. L. Polk Co.
1962	Huerta Salvador V	Pacific Telephone
1945	WEIMAR EDWARD C R	The Pacific Telephone & Telegraph Co.
1943	Weimar Edw C Edythe carp W A Rose h	R. L. Polk & Co.
	Kelly Everette USA r	R. L. Polk & Co.
1938	KELLY ROBERT J R	Pacific Telephone
	WEIMAR EDWARD C R	Pacific Telephone
1933	WEIMAR EDW C (EDYTHE M) CARP H	R. L. Polk & Co.
	WEIMAR EVERETT AUTO MECH R	R. L. Polk & Co.
	WEIMAR ROBT CARP R	R. L. Polk & Co.

## FINDINGS

### 6923 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RODRPGUEZ Arturo	Haines Company, Inc.
1970	NORMAN LORAINÉ	Pacific Telephone Directory
1967	LA MAR WILBERT	R. L. Polk Co.
1962	Nelson Elaine	Pacific Telephone
1955	IRVINE JAS	The Pacific Telephone & Telegraph Co.
1950	CARPENIITER ANDREW W R	The Pacific Telephone & Telegraph Co.
1945	BEATTY F G R	The Pacific Telephone & Telegraph Co.
1943	Beatty Florence Mrs r	R. L. Polk & Co.
	Beatty Fred G firemn h	R. L. Polk & Co.
1938	BEATTY F G R	Pacific Telephone
1933	MCCRAY FRANCIS (WID LAURENCE) H	R. L. Polk & Co.
1928	Mc Florence wid Lawrence H	R.L. Polk and Co of California

### 6924 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GARCIACaenos	Haines Company, Inc.
1996	WENDLE EDITH	PACIFIC BELL DIRECTORY
1986	Gray Jeff	PACIFIC BELL WHITE PAGES
1980	Gray Jeff	Pacific Telephone
1975	GRAY JEFF	Pacific Telephone
1970	HUMPHRIES MYRTLE	Pacific Telephone Directory
	PEHLING JOHN	Pacific Telephone Directory
1967	PEHLING ALMA MRS	R. L. Polk Co.
1962	Humphries Myrtle	Pacific Telephone
	Pehling John	Pacific Telephone
1955	PEHLING JOHN R	The Pacific Telephone & Telegraph Co.
1950	PEARSON M D R	The Pacific Telephone & Telegraph Co.
1945	BARON F J R	The Pacific Telephone & Telegraph Co.
1943	Barron Ferd Sophia servmn Cline Piano Co h	R. L. Polk & Co.
1938	MERRITT J C R	Pacific Telephone
1933	MERRITT JOHN C BLKSMTH H	R. L. Polk & Co.
1928	Don C blksmth H	R.L. Polk and Co of California

### 6925 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ESPINOZAJose	Haines Company, Inc.
	DELTORO Edith	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DIXON FRANK JR	Pacific Bell
1970	GRAY E F	Pacific Telephone Directory
1967	GRAY ELIZ F MRS	R. L. Polk Co.
1962	Gray E F	Pacific Telephone
1955	GRAY ELIZABETH F	The Pacific Telephone & Telegraph Co.
1950	GRAY ELIZABETH F R	The Pacific Telephone & Telegraph Co.
1945	GRAY C M R	The Pacific Telephone & Telegraph Co.
1943	GRAY Clifford M Eliz driver h	R. L. Polk & Co.
1938	GRAY C M R	Pacific Telephone
1933	GRAY CLIFFORD M (ELIZ) CHAUF H	R. L. Polk & Co.
1928	Clifford M Bettie H	R.L. Polk and Co of California

### 6929 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MCDONALD Rose	Haines Company, Inc.
1975	MALBERG JEROLD	Pacific Telephone
1967	DUNKER EMIL F	R. L. Polk Co.
1955	DUNKER E F R	The Pacific Telephone & Telegraph Co.
1950	DUNKLSE E F R	The Pacific Telephone & Telegraph Co.
1945	DUNKER E F R	The Pacific Telephone & Telegraph Co.
1943	Dunker Emil F Martha shtmtlwkr h	R. L. Polk & Co.
1938	DUNKER E F R	Pacific Telephone
1933	DUNKER EMIL (MARTHA) SHTMTLWKR H	R. L. Polk & Co.
1928	Dunker Emil Martha shtmtlwkr H	R.L. Polk and Co of California

### 6932 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Guadalupe	Haines Company, Inc.
	JUAREZ Julo	Haines Company, Inc.
	NAVARRO Mada	Haines Company, Inc.
2000	TLATENCHI SOCORRO	Pacific Bell
1967	MERRITT ELIZ O NE	R. L. Polk Co.
1962	Merritt Elizabeth	Pacific Telephone
1955	MERRITT J C R	The Pacific Telephone & Telegraph Co.
	BONNEY LEON L JR	The Pacific Telephone & Telegraph Co.
1950	MERRITT J C R	The Pacific Telephone & Telegraph Co.
1945	MERRITT J C R	The Pacific Telephone & Telegraph Co.
1943	Merritt John C Eliz blksmith h	R. L. Polk & Co.

## FINDINGS

### 6935 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BROWN Chades	Haines Company, Inc.
1970	PAULO MANUEL H	Pacific Telephone Directory
	PAULO KATHERINE R	Pacific Telephone Directory
1967	PAULO MANUEL H	R. L. Polk Co.
1962	Paulo Josephine	Pacific Telephone
	Paulo Arthur	Pacific Telephone
1955	VALLI CHAS R	The Pacific Telephone & Telegraph Co.
1950	FULLER W L R	The Pacific Telephone & Telegraph Co.
1943	SCOTT Walter C Jeannette carp h	R. L. Polk & Co.
1933	LEONARD ARTH A (CHRISTINA) H	R. L. Polk & Co.
1928	Michl driver R	R.L. Polk and Co of California
	Mae Mrs H	R.L. Polk and Co of California
	Harvey E drftsmn R	R.L. Polk and Co of California
	Fern V clk R	R.L. Polk and Co of California
	Edw M driver R	R.L. Polk and Co of California
	Langland Annie V stdt R	R.L. Polk and Co of California

### 6940 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a RPS Gisela A	Haines Company, Inc.
2000	WALLER RUFUS	Pacific Bell
1996	WALLER RUFUS	PACIFIC BELL DIRECTORY
1992	WALLER RUFUS	PACIFIC BELL DIRECTORY
1991	Waller Terri	PACIFIC BELL WHITE PAGES
	Waller Seth P	PACIFIC BELL WHITE PAGES
	Waller S	PACIFIC BELL WHITE PAGES
	Waller Rufus	PACIFIC BELL WHITE PAGES
1986	Waller Rufus	PACIFIC BELL WHITE PAGES
	Waller Seth P	PACIFIC BELL WHITE PAGES
	W aller S	PACIFIC BELL WHITE PAGES
1980	Waller Rufus	Pacific Telephone
1970	PEOPLES MARTEAL	Pacific Telephone Directory
1967	VACANT	R. L. Polk Co.
1962	Blaylock John Jr	Pacific Telephone
	Blaylock De Anna	Pacific Telephone
1955	WALTERS HAROLD R MRS R	The Pacific Telephone & Telegraph Co.
1950	WALTERS HAROLD R MRSR	The Pacific Telephone & Telegraph Co.
1945	WALTERS HAROLD R MRS R	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Walters Harold R h	R. L. Polk & Co.
	Walters Gertrude F Mrs sten PT & TCo r	R. L. Polk & Co.
1938	HARVENT WM E R	Pacific Telephone
	EVERTS VERN A R	Pacific Telephone
1933	SLOCUM CLYDE C LAB R	R. L. Polk & Co.
	SLOCUM ALICE R (WID ELMER) H	R. L. Polk & Co.
1928	F Ployd E Myrtle electn H	R.L. Polk and Co of California

### 6943 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e SENEGAL Rosemary	Haines Company, Inc.
1970	BONNEY L L	Pacific Telephone Directory
1967	BONNEY LEON L	R. L. Polk Co.
1962	Bonney L L	Pacific Telephone
1955	BONNEY L L R	The Pacific Telephone & Telegraph Co.
1950	BONNEY L L R	The Pacific Telephone & Telegraph Co.
1945	BONNEY L L R	The Pacific Telephone & Telegraph Co.
1943	Bonney Leon L jr USN r	R. L. Polk & Co.
	Bonney Leon L Fay sub sta opr PG & E Co h	R. L. Polk & Co.
	Bonney Bert W USN r	R. L. Polk & Co.
1933	HADLEY JULIA T MRS R	R. L. Polk & Co.
	BONNEY LEON L (FAY) STA OPR PG & ECO H	R. L. Polk & Co.
1928	jeliny eo Hn I Ot Y I H	R.L. Polk and Co of California

### 6946 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LEE James	Haines Company, Inc.
1970	STACKER ESTHER M	Pacific Telephone Directory
1967	DUVERNAY OTIS P	R. L. Polk Co.
1962	Alexander Albert	Pacific Telephone
1955	BYERS BRADY	The Pacific Telephone & Telegraph Co.
1950	BOTICA JOHN R	The Pacific Telephone & Telegraph Co.
1945	MCCANN HARRIET E R	The Pacific Telephone & Telegraph Co.
1943	Williams Royal G Lillian h	R. L. Polk & Co.
1933	RICH STANLEY H (HILDA H) LAWYER H	R. L. Polk & Co.
1928	Stanley H Wids lawyer H	R.L. Polk and Co of California

## FINDINGS

### 6947 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e FERRAREse Reno	Haines Company, Inc.
1980	Rubio Maria	Pacific Telephone
1970	FLORES LYDIA M	Pacific Telephone Directory
1967	FLORES LYDIA	R. L. Polk Co.
1962	Flores Lydia M	Pacific Telephone
1955	BARNUM ETHEL L MRS	The Pacific Telephone & Telegraph Co.
1950	BARNUM FRED R	The Pacific Telephone & Telegraph Co.
1945	BARNUM FRED R	The Pacific Telephone & Telegraph Co.
1933	SMIDT WESLEY (IDA) LAB H	R. L. Polk & Co.
1928	u Wesley Ida millmn H	R.L. Polk and Co of California

### 6953 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MONROE Gladys	Haines Company, Inc.
	FIELDS Robert	Haines Company, Inc.
1967	STREAT HEPMAN	R. L. Polk Co.
1962	Coffey Robt	Pacific Telephone
1955	COFFEY ROBT	The Pacific Telephone & Telegraph Co.
1950	LIEVORE ANGEIO MRS R	The Pacific Telephone & Telegraph Co.
1945	BAKER ROBERT M R	The Pacific Telephone & Telegraph Co.
1943	BAKER Robt M Yolanda h	R. L. Polk & Co.
1933	WYATT WM (MYRA) LAB H	R. L. Polk & Co.
1928	h Wm W Myra clk H	R.L. Polk and Co of California

### 6990 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	G CAZARES Mayar	Haines Company, Inc.

### 7000 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ORNELAS Vicena	Haines Company, Inc.
2000	VELASCO MARIA	Pacific Bell
	PEREZ DEMETRIO	Pacific Bell
1992	VELA ROSALES ARMANDO	PACIFIC BELL DIRECTORY
1991	Campos Guadalupe	PACIFIC BELL WHITE PAGES
	Campos Hannia	PACIFIC BELL WHITE PAGES
	Campos J M	PACIFIC BELL WHITE PAGES
1980	Bennett Rosalina	Pacific Telephone



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	LOPEZ JOE	Pacific Telephone
1970	LOPEZ JOE	Pacific Telephone Directory
1967	LOPEZ JOSE	R. L. Polk Co.
1962	Lopez Joe	Pacific Telephone
1955	LOPEZ JOE R	The Pacific Telephone & Telegraph Co.
1950	LOPEZ JOE R	The Pacific Telephone & Telegraph Co.
1945	LOPEZ JOE R	The Pacific Telephone & Telegraph Co.
1943	Lopez Jos Gladys lab h	R. L. Polk & Co.
1938	CARR EDGAR R	Pacific Telephone
1933	CARR EDGAR LAB H	R. L. Polk & Co.
1928	h Gladys M Mrs clk H	R.L. Polk and Co of California
1925	RICH STANLEY H R	R. L. Polk & Co. of California

### 7006 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WILLIS Velma	Haines Company, Inc.
1992	WILLIS VELMA	PACIFIC BELL DIRECTORY
1991	Willis Velma	PACIFIC BELL WHITE PAGES
1986	Willis Velma	PACIFIC BELL WHITE PAGES
1980	Willis Velma	Pacific Telephone
1970	WILLIS VELMA	Pacific Telephone Directory
	WILLIS ROY	Pacific Telephone Directory
1967	WILLIS ROY	R. L. Polk Co.
1962	Willis Velma	Pacific Telephone
	Willis Roy	Pacific Telephone
1943	Quirino Louisa wid Mike h	R. L. Polk & Co.
1933	QUIRINO LOUIS (ROSE) JAN H	R. L. Polk & Co.
1928	Geo R Hazel marine firemn H	R.L. Polk and Co of California

### 7007 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WILLIAMS Armonia	Haines Company, Inc.
2000	EVANS K	Pacific Bell
	WILLIAMS ARMONIA	Pacific Bell
1996	WILLIAMS ARMONIA	PACIFIC BELL DIRECTORY
	WILLIAMS ARMONIA	PACIFIC BELL DIRECTORY
1992	WILLIAMS ARMONIA	PACIFIC BELL DIRECTORY
	POPE MAKISCHA P	PACIFIC BELL DIRECTORY
1986	Williams Armonia	PACIFIC BELL WHITE PAGES

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Pope B	PACIFIC BELL WHITE PAGES
	Pope Armonia	PACIFIC BELL WHITE PAGES
1980	Pope Armonia	Pacific Telephone
	Williams Armonia	Pacific Telephone
1967	ARNOLD CECIL W	R. L. Polk Co.
1962	Horsfield Alfred	Pacific Telephone
1955	SPADY ROLAND	The Pacific Telephone & Telegraph Co.
1950	SPADY ROLAND R	The Pacific Telephone & Telegraph Co.
1945	SPADY ROLAND R	The Pacific Telephone & Telegraph Co.
1943	Spady Roland R Beulah pntr h	R. L. Polk & Co.
1933	LOW GEO L MACH H	R. L. Polk & Co.
1928	Brunt Leon O Emma M electn H	R.L. Polk and Co of California

### 7012 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WHITE Bennie	Haines Company, Inc.
1970	THOMPSON W H MRS	Pacific Telephone Directory
1967	THOMPSON MABEL MRS o	R. L. Polk Co.
1962	Thompson W H Mrs	Pacific Telephone
1955	RODRIGUES ROSE	The Pacific Telephone & Telegraph Co.
1950	CAREALHO TONY R	The Pacific Telephone & Telegraph Co.
1943	Garcia Benj C Leonora mach opr h	R. L. Polk & Co.
1938	CROMPTON HOWARD R	Pacific Telephone
1928	Brinton ETHEL LN R	R.L. Polk and Co of California
	Brinton Edw J stdt R	R.L. Polk and Co of California
	Brinton John B Eliz H	R.L. Polk and Co of California

### 7015 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	COLBERT Ruth	Haines Company, Inc.
2000	COLBERT RUTH	Pacific Bell
1996	COLBERT RUTH	PACIFIC BELL DIRECTORY
1992	COLBERT RUTH	PACIFIC BELL DIRECTORY
1991	Millers Cathy Hair Styles	PACIFIC BELL WHITE PAGES
1986	Colbert Wilmer	PACIFIC BELL WHITE PAGES
	Colborn R	PACIFIC BELL WHITE PAGES
1980	Colbert Ruth	Pacific Telephone
1967	BLISS DONALD L	R. L. Polk Co.
1962	Bliss Donald L	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	BLISS DONALD L R	The Pacific Telephone & Telegraph Co.
1950	BLISS DOIALD L R	The Pacific Telephone & Telegraph Co.
1945	BLISS DONALD L R	The Pacific Telephone & Telegraph Co.
1943	Beddoe Pansy clk r	R. L. Polk & Co.
	Bliss Donald USA r	R. L. Polk & Co.
	Bliss Donald L USMC h	R. L. Polk & Co.
	Bliss Janice M teller Am Tr Co r	R. L. Polk & Co.
	Schroeder Hilda asmbler Lake Mfg Co r	R. L. Polk & Co.
1938	BLISS DONALD L R	Pacific Telephone
1933	BLISS DONALD L (BEATRICE M) AUTO MECH H	R. L. Polk & Co.
1928	Raffn Emily wid Wm R	R.L. Polk and Co of California

### 7018 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PINZON Natnidad	Haines Company, Inc.
2000	WILSON CYNTHIA R	Pacific Bell
1986	Jacobs Robt E	PACIFIC BELL WHITE PAGES
1980	Jacobs Robt E	Pacific Telephone
1970	JACOBS ROBT E	Pacific Telephone Directory
1967	JACOBS ROBT E	R. L. Polk Co.
1962	Jacobs Robt E	Pacific Telephone
1955	JACOBS ROBT E	The Pacific Telephone & Telegraph Co.
1950	JACOBS ROBT E R	The Pacific Telephone & Telegraph Co.
1933	SPARGO HARVEY LAB	R. L. Polk & Co.
	SPARGO JOHN P MAIL HNDLR SPCO R	R. L. Polk & Co.
	SPARGO KAMA LAB H	R. L. Polk & Co.
1928	Ekstan Nels Nathalie carp H	R.L. Polk and Co of California
1925	ATKESON ROSE R	R. L. Polk & Co. of California

### 7021 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CORONADO Ua	Haines Company, Inc.
1980	Randle Jerrye	Pacific Telephone
1975	GARCIA M	Pacific Telephone
1970	NUNES MARY	Pacific Telephone Directory
1967	NUNES MARY MRS	R. L. Polk Co.
1962	Nunes Mary	Pacific Telephone
1955	NUNES MARY	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	NUNES MARY FRANCES MRS R	The Pacific Telephone & Telegraph Co.
1945	SANNEBECK W A JR R	The Pacific Telephone & Telegraph Co.
1943	Six Mabel E wid Dewey h	R. L. Polk & Co.
1938	SIX D D R	Pacific Telephone
1933	SIX DEWEY (MABEL) ELECTN H	R. L. Polk & Co.
1928	Six Dewey D Mabel electn H	R.L. Polk and Co of California

### 7100 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MCCLEESE Mary	Haines Company, Inc.
1970	TUNGATE O R	Pacific Telephone Directory
1967	TUNGATE DON R	R. L. Polk Co.
1962	Parker Glenn M	Pacific Telephone
1950	VAUGHN R C R	The Pacific Telephone & Telegraph Co.
1945	VAUGHN R C R	The Pacific Telephone & Telegraph Co.
1943	Stowe Stanley T Kath clk h	R. L. Polk & Co.
1938	KETSDEVER W H R	Pacific Telephone
1933	BITTNER DARWIN A (RUBY) MACH H	R. L. Polk & Co.

### 7101 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MARBLEY Lechoelle	Haines Company, Inc.
1967	LUCAS CHARLES E	R. L. Polk Co.
1962	Lucas C E	Pacific Telephone
1955	LUCAS C E R	The Pacific Telephone & Telegraph Co.
1950	LUCAS C E R	The Pacific Telephone & Telegraph Co.
1945	LUCAS C E R	The Pacific Telephone & Telegraph Co.
1943	Lucas Lorene F glass wkr r	R. L. Polk & Co.
	Lucas Chas E Jessie eng h	R. L. Polk & Co.
1933	LOVE MAMIE MRS H	R. L. Polk & Co.

### 7104 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	KNRELSS INEZ	Pacific Telephone
1970	KREISS INEZ	Pacific Telephone Directory
1967	KREISS INEZ	R. L. Polk Co.
1943	Politeau Nicholas F Alice shipydwkr h rear	R. L. Polk & Co.

## FINDINGS

### 7106 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VASQUEZBeaariz	Haines Company, Inc.
1992	SMITH JAMES REV	PACIFIC BELL DIRECTORY
1975	HATCHER N E	Pacific Telephone
1970	HATCHER N E	Pacific Telephone Directory
1967	REID WM W	R. L. Polk Co.
	REAR HATCHER NEWMAN E	R. L. Polk Co.
1962	Hatcher N E	Pacific Telephone
1955	HATCHER N E R	The Pacific Telephone & Telegraph Co.
1950	HATCHER N E R	The Pacific Telephone & Telegraph Co.
	KREISS ALMA MRS R	The Pacific Telephone & Telegraph Co.
1945	HATCHER N E R	The Pacific Telephone & Telegraph Co.
1943	Curry Jas W Virginia shipdwkr h	R. L. Polk & Co.
1938	KREISS W M R	Pacific Telephone
1933	BUCKLEY ROBT (LENA) MACH H	R. L. Polk & Co.
	WALDEN RUTH MRS BR MGR	R. L. Polk & Co.
	MACMARR STORES R	
1928	E Burekat M drsmkr R	R.L. Polk and Co of California
	bany Giles R	R.L. Polk and Co of California
	Wmn M Alma A slsmn H	R.L. Polk and Co of California
	Milholland Charlotte elk R	R.L. Polk and Co of California
	ATRICK John elk R	R.L. Polk and Co of California
1925	KREISS W M R	R. L. Polk & Co. of California

### 7106A HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PRESCOTT LUELLA	The Pacific Telephone & Telegraph Co.

### 7107 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Pranz Aug H	R.L. Polk and Co of California

### 7109 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ALVAREZ Manuel	Haines Company, Inc.
1992	HAGLUND HILDUR	PACIFIC BELL DIRECTORY
1991	Haglund Hildur	PACIFIC BELL WHITE PAGES
1986	Haglund Hildur	PACIFIC BELL WHITE PAGES
1980	Haglund Hildur	Pacific Telephone
1975	HAGLUND HILDUR	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	HAGLUND HILDUR	Pacific Telephone Directory
1967	HAGLUND HILDUR	R. L. Polk Co.
1955	HAGLUND HILDUR R	The Pacific Telephone & Telegraph Co.
1950	HAGLUND HILDUR R	The Pacific Telephone & Telegraph Co.
1945	HAGLUND HILDUR R	The Pacific Telephone & Telegraph Co.
1943	Haglund Carl E emp MCMCo r	R. L. Polk & Co.
	Haglund Hildur wid Ernest h	R. L. Polk & Co.
	Haglund Verner USA r	R. L. Polk & Co.
1938	HAGLUND HILDUR R	Pacific Telephone
1933	HAGLUND HILDA MRS H	R. L. Polk & Co.
1928	h Hildeur wid Ernest H	R.L. Polk and Co of California

### 7114 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HSIEH Richard	Haines Company, Inc.
	GARCIAAgus Un	Haines Company, Inc.
1991	I Kao John	PACIFIC BELL WHITE PAGES
	i Kao Joseph P Y	PACIFIC BELL WHITE PAGES
	i Kao Louis	PACIFIC BELL WHITE PAGES
	i Kao Michael	PACIFIC BELL WHITE PAGES
1986	Kao John	PACIFIC BELL WHITE PAGES
1980	Kao John	Pacific Telephone
1970	CABRAL CHAS C	Pacific Telephone Directory
1967	CABRAL CHARLES C	R. L. Polk Co.
1962	Cabral Chas C	Pacific Telephone
1955	CABRAL CHAS C	The Pacific Telephone & Telegraph Co.
1950	CRANE E R	The Pacific Telephone & Telegraph Co.
1945	CRANE E R	The Pacific Telephone & Telegraph Co.
1943	Crane Elmer Lucy lino opr h	R. L. Polk & Co.
1938	CRANE E R	Pacific Telephone
1933	BAKER CATH MRS H	R. L. Polk & Co.
1928	Phone Cath wid Jas G H	R.L. Polk and Co of California

### 7117 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OWENS Eddre	Haines Company, Inc.
1986	Wyatt Ella Mrs	PACIFIC BELL WHITE PAGES
1980	Howard Chas	Pacific Telephone
	Wyatt Ella Mrs	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	WYATT JAMES	R. L. Polk Co.
1955	CRUSCO OLIVIA MRS R	The Pacific Telephone & Telegraph Co.
1950	CRUSCO OLIVIA MRS R	The Pacific Telephone & Telegraph Co.
1945	FERNANDES ABEL R	The Pacific Telephone & Telegraph Co.
1943	Fernandes Abel USA r	R. L. Polk & Co.
	Crusco Felice A Olivia bgemn h	R. L. Polk & Co.
	Crusco Mary wid Manuel r	R. L. Polk & Co.
1938	FERNANDEZ ABEL R	Pacific Telephone
1933	BANTA EDW H (FRANCES) LAB H	R. L. Polk & Co.
1928	Gilliam Jos B Louise car inspr H	R.L. Polk and Co of California

### 7118 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HSIEH Richard	Haines Company, Inc.
	SALT Lata	Haines Company, Inc.
1996	MAGANALLANES MARIA	PACIFIC BELL DIRECTORY
1992	HSIEH BESS KAO	PACIFIC BELL DIRECTORY
1991	Hsieh Bess Kao	PACIFIC BELL WHITE PAGES
	Hsieh Chacicer	PACIFIC BELL WHITE PAGES
1986	Hsieh Bess Kao	PACIFIC BELL WHITE PAGES
	Hsieh Chacicer	PACIFIC BELL WHITE PAGES
1980	Hsieh Bess Kao	Pacific Telephone
	Hsieh Chacicer	Pacific Telephone
1975	HSIEH CHACICER	Pacific Telephone
1970	HSIEH BESS KAO	Pacific Telephone Directory
	HSIEH CHACICER	Pacific Telephone Directory
1967	HSIEH CHAUCER	R. L. Polk Co.
1962	Hsieh Bess Kao	Pacific Telephone
	Hsieh Chacicer	Pacific Telephone
1955	MARSAN EMILY J MRS	The Pacific Telephone & Telegraph Co.

### 7122 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1980	Gordon Betty	Pacific Telephone
1975	ABER NESTOR	Pacific Telephone
1970	ABER NESTOR	Pacific Telephone Directory
1967	ABER ESTHER R MRS	R. L. Polk Co.
1955	ABER NESTOR R	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	ABER NESTOR R	The Pacific Telephone & Telegraph Co.
1945	ABER NESTOR R	The Pacific Telephone & Telegraph Co.
1943	ROGERS Carol H bkpr Bof A r	R. L. Polk & Co.
	Bjorklund Alma r	R. L. Polk & Co.
	Aber Nester Esther R h	R. L. Polk & Co.
1938	ABER NESTOR R	Pacific Telephone
1933	BJORKLUND ALMA MRS R	R. L. Polk & Co.
	ABER NESTOR (ESTHER R) H	R. L. Polk & Co.

### 7125 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	HAGLUND H R	R. L. Polk & Co. of California

### 7127 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DULLucy	Haines Company, Inc.
	PHEU Yon	Haines Company, Inc.
	VUDzung	Haines Company, Inc.
2000	VU LANG THI	Pacific Bell
1996	NGUYEN SON VAN	PACIFIC BELL DIRECTORY
1991	Trieu Thanh	PACIFIC BELL WHITE PAGES
1980	Johnson Nathaniel	Pacific Telephone
1970	WILLIS CARL	Pacific Telephone Directory
1967	WILLIS CARL	R. L. Polk Co.
1962	Willis Carl	Pacific Telephone
	Nash Rudy	Pacific Telephone
1955	RODRIGUES ANTINO	The Pacific Telephone & Telegraph Co.
1945	RODRIGUES MARY F R	The Pacific Telephone & Telegraph Co.
1943	La Londe Leon A Dorothy meat ctr h	R. L. Polk & Co.
1933	SWARTZ JOS (JESSIE) H	R. L. Polk & Co.
	SWARTZ JOHN LAB R	R. L. Polk & Co.
1928	H Marie Indywkr R	R.L. Polk and Co of California
	Jos D Jessie lab H	R.L. Polk and Co of California
	Jos Isabelle lab H	R.L. Polk and Co of California

### 7129 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	LE PHUONG	Pacific Bell



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	NGUYEN LY	PACIFIC BELL DIRECTORY
1991	Nguyen Ly	PACIFIC BELL WHITE PAGES
1986	Johnson Virginia	PACIFIC BELL WHITE PAGES
1980	Price L N	Pacific Telephone
1967	WILLIS ELIZ MRS	R. L. Polk Co.
1962	Willis Elizabeth	Pacific Telephone
1955	SACKS LELAND J JR	The Pacific Telephone & Telegraph Co.

### 7200 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VANNGUYENTien	Haines Company, Inc.
1980	Veitch Carl	Pacific Telephone
1970	VEITCH CARL	Pacific Telephone Directory
1967	VEITCH CARL	R. L. Polk Co.
1962	Veitch Carl	Pacific Telephone
1955	VEITCH CARL R	The Pacific Telephone & Telegraph Co.
1950	VEITCHL CARL R	The Pacific Telephone & Telegraph Co.
1945	VELTCH CARL R	The Pacific Telephone & Telegraph Co.
1943	Veitch Carl Eva mach h	R. L. Polk & Co.
1938	DORVILLE FRANK R	Pacific Telephone
1933	KRUGER HILDA MRS H	R. L. Polk & Co.
1928	clsao Wm I Louise sismn s H	R.L. Polk and Co of California
1925	ADAMS FRANK R	R. L. Polk & Co. of California

### 7201 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CASTILLO Juan	Haines Company, Inc.
2000	CASTILLO SALVADOR	Pacific Bell
1986	Myers Morris	PACIFIC BELL WHITE PAGES
1980	Crosby J	Pacific Telephone
1970	HUTCHINSON ARTHUR L	Pacific Telephone Directory
1967	PERKINS H	R. L. Polk Co.
1962	Perkins Herbert	Pacific Telephone
	Williams Earl J	Pacific Telephone
1955	LARSEN JOHN R	The Pacific Telephone & Telegraph Co.
1950	LARSEN JOHN R	The Pacific Telephone & Telegraph Co.
1945	LARSEN JOHN R	The Pacific Telephone & Telegraph Co.
1943	Larsen John Camille mach h	R. L. Polk & Co.
1928	Straube Wiley J Ruby mldr H	R.L. Polk and Co of California

## FINDINGS

### 7206 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VILLALOBOS Jorge	Haines Company, Inc.
1992	MCGOWAN DARNELL	PACIFIC BELL DIRECTORY
1991	Mc Gowan Darnell	PACIFIC BELL WHITE PAGES
1986	Mc Gowan Darnell	PACIFIC BELL WHITE PAGES
1967	COSTA JULIA MRS	R. L. Polk Co.
1962	Costa M E	Pacific Telephone
1955	SPIRO ROBT D	The Pacific Telephone & Telegraph Co.
1950	HIIPMAN LEO R	The Pacific Telephone & Telegraph Co.
1943	Hammond Thos N Pearl patrolmn h	R. L. Polk & Co.
1938	HAMMOND THOS N R	Pacific Telephone
1933	MILLER DOROTHY STEN R	R. L. Polk & Co.
	HAMMOND THOS N (PEARL) H	R. L. Polk & Co.
1928	Parlor Henry J Martha lab H	R.L. Polk and Co of California

### 7207 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	TAYLORJames LJr	Haines Company, Inc.
1970	HARRELL HOWARD	Pacific Telephone Directory
1967	PARKER MARTIN R	R. L. Polk Co.
1955	PARKER M R R	The Pacific Telephone & Telegraph Co.
1950	PARKER M R R	The Pacific Telephone & Telegraph Co.
1945	MORRIS VERNAL R R	The Pacific Telephone & Telegraph Co.
1943	Morris Vernal R Marie patrolman h	R. L. Polk & Co.
	Stricker Anna H wid Louis r	R. L. Polk & Co.
1938	MORRIS VERNAL R R	Pacific Telephone
1933	MORRIS VERNAL R (MARIE) MECH H	R. L. Polk & Co.
1928	MORRIS Vernal R Marie auto mech H	R.L. Polk and Co of California

### 7212 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HARRIS Amina	Haines Company, Inc.
1991	Boney F M	PACIFIC BELL WHITE PAGES
	Boney Shirley & Trish	PACIFIC BELL WHITE PAGES
1980	Clifton Maurice	Pacific Telephone
1970	RIDDLE HAZEL A	Pacific Telephone Directory
1967	RIDDLE HAZEL A MRS	R. L. Polk Co.
1962	Riddle Frank	Pacific Telephone
1955	RIDDLE FRANK	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MACCANY SIMON R	The Pacific Telephone & Telegraph Co.
1943	Parish Mae Mrs clk r	R. L. Polk & Co.
	Parish Geo Mae whsmn h	R. L. Polk & Co.

### 7215 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FLORES German	Haines Company, Inc.
	GARCIA Josfina	Haines Company, Inc.
1975	CUSTER DOROTHY M	Pacific Telephone
1970	CUSTER ROBT L	Pacific Telephone Directory
	CUSTER DOROTHY M	Pacific Telephone Directory
1967	PEACOCK ERNEST J S	R. L. Polk Co.
	REAR LINDVIG ROBT J	R. L. Polk Co.
1962	Peacock E J Mrs	Pacific Telephone
1955	PEACOCK E J MRS R	The Pacific Telephone & Telegraph Co.
1950	PEACOCK E J MRS R	The Pacific Telephone & Telegraph Co.
1945	PEACOCK E J MRS R	The Pacific Telephone & Telegraph Co.
1943	Peacock Ernest J Thais pipefr h	R. L. Polk & Co.
1938	PEACOCK ERNEST J R	Pacific Telephone
1928	Ch Oas R BBss lo fl lyr H	R.L. Polk and Co of California
	trindall Audrey R	R.L. Polk and Co of California

### 7218 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	COX W C MRS	The Pacific Telephone & Telegraph Co.
1950	HANSON SIGURD H R	The Pacific Telephone & Telegraph Co.
1945	HUDSON C O R	The Pacific Telephone & Telegraph Co.
1943	HUDSON Chas O Jennie h	R. L. Polk & Co.
1933	SYLVIA CLARA MRS H	R. L. Polk & Co.

### 7221 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DOSDOS LENARD	Pacific Telephone Directory
	OYAS LEON	Pacific Telephone Directory
1967	VACANT	R. L. Polk Co.
1962	Labeaux Wm	Pacific Telephone
1955	LABEAUX ALEX	The Pacific Telephone & Telegraph Co.
	LABEAUX WM	The Pacific Telephone & Telegraph Co.
1950	FRY ELIZABETH MRS R	The Pacific Telephone & Telegraph Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	FRY ELIZABETH MRS R	The Pacific Telephone & Telegraph Co.
1943	Fry R Thos Clare shipydwkr r	R. L. Polk & Co.
	Fry Eliz wid Mark h	R. L. Polk & Co.
1938	FRY M A R	Pacific Telephone
1933	FRY MARK (ELIZ) H	R. L. Polk & Co.
1928	Pedersen Albt M furrier H	R.L. Polk and Co of California

### 7227 HALLIDAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MADRIGAILRbecca	Haines Company, Inc.
	RUIZ Martin	Haines Company, Inc.
1986	Thompson Clifford J	PACIFIC BELL WHITE PAGES
	Thompson Clifford E	PACIFIC BELL WHITE PAGES
1980	Adams L	Pacific Telephone
1975	ADAMS L	Pacific Telephone
1970	ADAMS L	Pacific Telephone Directory
1967	ADAMS LUCILLE MRS	R. L. Polk Co.
1945	SPENCER CHARLOTTIE B R	The Pacific Telephone & Telegraph Co.
1943	Whitford Lena wid Chas r	R. L. Polk & Co.
	Spencer Charlotte wid Lee h	R. L. Polk & Co.
1938	SPENCER LEE W R	Pacific Telephone
1933	WHITFORD LENA MRS R	R. L. Polk & Co.
	SPENCER LEE W (CHARLOTTIE) H	R. L. Polk & Co.

### KRAUSE

#### 6907 KRAUSE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	LEWIS EARL W R	The Pacific Telephone & Telegraph Co.

### KRAUSE AVE

#### 6868 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a ALEXANDER David	Haines Company, Inc.
1967	ALEXANDER DAVID L 56q 13 Q	R. L. Polk Co.
1933	NICOLSON REGINALD A (ALMA L) SLSMN H	R. L. Polk & Co.

## FINDINGS

### 6869 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a RODGERS Isom	Haines Company, Inc.
1980	Gardiner Mary	Pacific Telephone
1967	KIRT ROY R	R. L. Polk Co.
1962	Kirts Roy R	Pacific Telephone
1955	KIRTS ROY R	The Pacific Telephone & Telegraph Co.
1950	MAUS R G R	The Pacific Telephone & Telegraph Co.
1945	PERRY E R R	The Pacific Telephone & Telegraph Co.
1938	MAYO R D MRS R	Pacific Telephone
1933	SCHOLL LAWRENCE R (BERTHA) H	R. L. Polk & Co.
1928	Scholl Lawrence R Bertha B serv mnr Sterling Motor Truck Co H	R.L. Polk and Co of California

### 6900 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	AGUIRRE Frank	Haines Company, Inc.
1967	VACANT	R. L. Polk Co.
1962	Jones Ray A	Pacific Telephone
1955	JONES RAY A	The Pacific Telephone & Telegraph Co.
1928	av Sigfred E Edna cond H enzo Eug W stdt R	R.L. Polk and Co of California R.L. Polk and Co of California

### 6901 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o SMITH Estelle	Haines Company, Inc.
2000	SMITH ESTELLE	Pacific Bell
	SMITH ESTELLE	Pacific Bell
1991	Smith Aretha	PACIFIC BELL WHITE PAGES
1980	Smith Estelle	Pacific Telephone
1970	LYNCH P J	Pacific Telephone Directory
1967	PRINDEVILLE J	R. L. Polk Co.
1962	Prindville John	Pacific Telephone
	Lynch Patricia J	Pacific Telephone
1945	MARAMONTE STEVE R	The Pacific Telephone & Telegraph Co.
1933	MARAMONT STEPH (MINNIE) BLKSMTH H	R. L. Polk & Co.

### 6904 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e JASMIN Roland	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JASMIN ROLAND	Pacific Bell
1996	JASMIN ROLAND	PACIFIC BELL DIRECTORY
1992	JASMIN ROLAND	PACIFIC BELL DIRECTORY
1991	Jasmin Roland	PACIFIC BELL WHITE PAGES
1986	Jasmin Roland	PACIFIC BELL WHITE PAGES
1980	Jasmin Roland	Pacific Telephone
	Jasmin Roland	Pacific Telephone
1975	JASMIN ROLAND	Pacific Telephone
1970	JASMIN ROLAND	Pacific Telephone Directory
1967	MAGUIRE WM P	R. L. Polk Co.
1933	CARLSON THOS (HILDA) LNDYWKR H	R. L. Polk & Co.
1928	rr John D musician rf R	R.L. Polk and Co of California

### 6907 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HAMODA Hassan	Haines Company, Inc.
1970	LEWIS VERTIA E	Pacific Telephone Directory
1967	LEWIS EARL W	R. L. Polk Co.

### 6915 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WEBB James	Haines Company, Inc.
1970	AGUIRRE R	Pacific Telephone Directory
1967	TORRES JOE	R. L. Polk Co.
1962	Medeiros Anthony	Pacific Telephone
1955	STUART G E MRS	The Pacific Telephone & Telegraph Co.

### 6917 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1986	Vierra S	PACIFIC BELL WHITE PAGES
1975	DENARD DEBORAH	Pacific Telephone
1970	MANZO LOUIS	Pacific Telephone Directory
1967	MANZO LOUIS	R. L. Polk Co.
1962	Mooney Dorothy	Pacific Telephone

### 6919 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WRIGHTJarreft	Haines Company, Inc.
	a JACKSON Joseph	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CORTIJO DESIRENA R	Pacific Bell
1967	MC NEIL ALBEPT 0 632 Q	R. L. Polk Co.
1962	Scarborough Alice	Pacific Telephone
	Scarborough Don	Pacific Telephone
1955	SMART J D	The Pacific Telephone & Telegraph Co.

### 6920 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MARKHAM SCHOOL	The Pacific Telephone & Telegraph Co.
1933	MARKHAM EDWIN SCHOOL	R. L. Polk & Co.

### 6921 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	HURTADO RONALD N	R. L. Polk Co.

### 6927 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MCFADDEN Tyree	Haines Company, Inc.
	ERVIN Comague	Haines Company, Inc.
2000	CAGLER CYNTHIA	Pacific Bell
1992	CARTER LAWRENCE	PACIFIC BELL DIRECTORY
1991	Carter Lawrence	PACIFIC BELL WHITE PAGES
	Carter Lea	PACIFIC BELL WHITE PAGES
1986	Kirton Thelma	PACIFIC BELL WHITE PAGES
1967	BALE ALF H	R. L. Polk Co.
1962	Bale Alfred H	Pacific Telephone
1955	MANEATIS JAS A R	The Pacific Telephone & Telegraph Co.

### 6929 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BARFIELD K	Haines Company, Inc.
1967	SHIPPEY PODGEP W	R. L. Polk Co.
1962	Shippey R W	Pacific Telephone
1955	JANES CHAS M R	The Pacific Telephone & Telegraph Co.

### 6931 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PARTEE Tommie	Haines Company, Inc.
1967	PULLI JOHN	R. L. Polk Co.
1962	Fuller Adrian E	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	ENGBERSON W T R	The Pacific Telephone & Telegraph Co.

### 6933 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1967	LORENTE SUSIE M MRS	R. L. Polk Co.
1962	Hermann Donald Mrs	Pacific Telephone

### 6941 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a BRADLEY Renaldo	Haines Company, Inc.
1980	Mendoza Juan J	Pacific Telephone
1967	ACOSTA RICH D L	R. L. Polk Co.
1962	Gadon John	Pacific Telephone
1955	GADON JOHN R	The Pacific Telephone & Telegraph Co.

### 6943 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1970	JACKSON JOE L	Pacific Telephone Directory
1967	CORMIER RONALD F	R. L. Polk Co.
1962	Lundberg Eugene M	Pacific Telephone
1955	MCCARTY KENT	The Pacific Telephone & Telegraph Co.

### 6949 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GREENE K	Pacific Bell
	7 FARAHKHAN C	Pacific Bell
1996	DILLARD S GUEST HOME	PACIFIC BELL DIRECTORY
1992	DILLARD S GUEST HOME	PACIFIC BELL DIRECTORY
1991	Dillards Guest Home	PACIFIC BELL WHITE PAGES
1980	Secrest Raymond Mr & Mrs	Pacific Telephone
1967	WEEKS RALPH N	R. L. Polk Co.
1962	Gadon Eddie	Pacific Telephone
1955	SCHLAIS E W JR	The Pacific Telephone & Telegraph Co.

### 6951 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DILLARD GRACE	Pacific Bell
1996	DILLARD GRACE	PACIFIC BELL DIRECTORY



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	DILLARD GRACE	PACIFIC BELL DIRECTORY
1991	Dillard Grace	PACIFIC BELL WHITE PAGES
1986	Dillard Grace	PACIFIC BELL WHITE PAGES
1970	MCDANIELS CONSTANCE A	Pacific Telephone Directory
1967	GADON FDW E	R. L. Polk Co.
1955	SCOTT MILDRED	The Pacific Telephone & Telegraph Co.

### 6971 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CRAWWFORD Sheila	Haines Company, Inc.

### 6981 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WADE Michelle	Haines Company, Inc.
	B DAVIS Randall	Haines Company, Inc.

### 7001 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a TIDWELL William	Haines Company, Inc.
1980	Thomas John	Pacific Telephone
1970	THOMAS JOHN	Pacific Telephone Directory
1967	CABPAL FRANK a	R. L. Polk Co.
1955	CABRAL FRANK	The Pacific Telephone & Telegraph Co.
1950	MC NABB CLIFFORD R R	The Pacific Telephone & Telegraph Co.

### 7007 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a VARGAS Ignacio	Haines Company, Inc.
1975	DEES PAUL	Pacific Telephone
1970	DEES PAUL	Pacific Telephone Directory
1967	MULLEN BEPNICE V MRS	R. L. Polk Co.
1962	Mullen Pink	Pacific Telephone
	Mullen Bernice	Pacific Telephone
1955	FRAGA FRED	The Pacific Telephone & Telegraph Co.
1950	THYKEN ROBT J R	The Pacific Telephone & Telegraph Co.

### 7015 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HILL Warcell A	Haines Company, Inc.
2000	HILL WARCELL A	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	HILL WARCELL A	PACIFIC BELL DIRECTORY
1992	HILL WARCELL A	PACIFIC BELL DIRECTORY
1991	Hill Warcell A	PACIFIC BELL WHITE PAGES
1986	Hill Warcell A	PACIFIC BELL WHITE PAGES
1980	Hill Warcell A	Pacific Telephone
1975	HILL WALTER	Pacific Telephone
1970	HILL WARCELL	Pacific Telephone Directory
1967	TAKASHIMA F N	R. L. Polk Co.
1962	Takashima F	Pacific Telephone
1955	TAKASHIMA F	The Pacific Telephone & Telegraph Co.
1950	RICE RUSSELL W R	The Pacific Telephone & Telegraph Co.
1945	HEATH MILTON R	The Pacific Telephone & Telegraph Co.

### 7019 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a TIDWELL Lotle	Haines Company, Inc.
	FERRELLAde	Haines Company, Inc.
2000	FERRELL ARIE	Pacific Bell
1996	FERRELL ARIE	PACIFIC BELL DIRECTORY
1992	FERRELL ARIE	PACIFIC BELL DIRECTORY
1991	Ferrell B L	PACIFIC BELL WHITE PAGES
	Ferrell Arie	PACIFIC BELL WHITE PAGES
1986	Ferrell Arie	PACIFIC BELL WHITE PAGES
1967	HESTER JAMES H	R. L. Polk Co.

### 7025 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	AGUILAR Macado	Haines Company, Inc.
2000	REAR OCHOA LUIS G	Pacific Bell
1986	Tibbetts John K	PACIFIC BELL WHITE PAGES
1980	Tibbetts John K	Pacific Telephone
1967	TIBBETTS JOHN K	R. L. Polk Co.
1962	Tibbetts John K	Pacific Telephone
1955	TIBBETTS JOHN K	The Pacific Telephone & Telegraph Co.

### 7101 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MONROEJames	Haines Company, Inc.
2000	MONROE JAS W	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	MONROE JAS W	PACIFIC BELL DIRECTORY
1992	MONROE JAS W	PACIFIC BELL DIRECTORY
1991	Monroe Jas W	PACIFIC BELL WHITE PAGES
1986	Monroe Jas W	PACIFIC BELL WHITE PAGES
1980	Monroe Jas W	Pacific Telephone
1970	MONROE JAS W	Pacific Telephone Directory
	MONROE GLADYS M	Pacific Telephone Directory
1967	WALTON J C	R. L. Polk Co.
1955	HARTY J P	The Pacific Telephone & Telegraph Co.
1950	LA ROCCA VINCENT R	The Pacific Telephone & Telegraph Co.

### 7109 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SALAZARRosalia	Haines Company, Inc.
1970	SMITH MAURICE	Pacific Telephone Directory
1967	SMITH MAURICE	R. L. Polk Co.
1962	Newton John C	Pacific Telephone
1955	HERRIN ROBT L R	The Pacific Telephone & Telegraph Co.
1950	HERRIN ROBT L R	The Pacific Telephone & Telegraph Co.

### 7115 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PIEDRABlanca	Haines Company, Inc.
1970	OAKS MIGNON	Pacific Telephone Directory
1967	RACHELL SAMMIE	R. L. Polk Co.
1955	YOUNG E W MRS R	The Pacific Telephone & Telegraph Co.
1950	YOUNG E W MRS R	The Pacific Telephone & Telegraph Co.

### 7193 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	SEARCYS LM ENTREPRENEURS INC	Cole Information Services
2006	a MCFALLSandra	Haines Company, Inc.
1970	HARRIS JAS JR	Pacific Telephone Directory
1967	HARRIS JAMFS JP	R. L. Polk Co.
1962	Harris Jas Jr	Pacific Telephone
1955	SOLARI LOUIS	The Pacific Telephone & Telegraph Co.
1950	GR AVES WILLARD A R	The Pacific Telephone & Telegraph Co.

## FINDINGS

### 7215 KRAUSE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RACHELL Josephine	Haines Company, Inc.
1955	GONZALES C R R	The Pacific Telephone & Telegraph Co.

### KRAUSE CT

#### 6900 KRAUSE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	KOLB LEONA STEN J J MCDONALD R	R. L. Polk & Co.

### KRAUSE ST

#### 6868 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Burnham W C	Pacific Telephone
1955	BURNHAM W C R	The Pacific Telephone & Telegraph Co.
1945	NICOLSON R A R	The Pacific Telephone & Telegraph Co.
1943	Nicolson Allan shipydwkr r	R. L. Polk & Co.
	Nicolson Reginald A Alma clk h	R. L. Polk & Co.
1938	NICOLSON R A R	Pacific Telephone
1928	Nicolson Reginald A Alma clk H	R.L. Polk and Co of California

#### 6869 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Mayo Robt D Ruth h	R. L. Polk & Co.

#### 6900 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	BROWN WILLIS R R	The Pacific Telephone & Telegraph Co.
1943	Brown Willis R Mary h	R. L. Polk & Co.

#### 6901 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1955	PRINDEVILLE JOHN R	The Pacific Telephone & Telegraph Co.
1950	PRINDEVILLE JOHN R	The Pacific Telephone & Telegraph Co.
1943	Maramonte Steve Minnie mech h	R. L. Polk & Co.
1928	Telegraph D R Lula carp H	R.L. Polk and Co of California

## FINDINGS

### 6904 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Miller T M Mrs	Pacific Telephone
	Maguire Wm B	Pacific Telephone
1955	MILLER T M MRS	The Pacific Telephone & Telegraph Co.
	MAGUIRE WM B R	The Pacific Telephone & Telegraph Co.
1950	MAGUIRE WM B R	The Pacific Telephone & Telegraph Co.
1945	MILLER G P R	The Pacific Telephone & Telegraph Co.
1943	Miller Geo P Tillie A inspr OHD h	R. L. Polk & Co.
1938	MILLER G P R	Pacific Telephone
1928	rr John C Martha mldr H	R.L. Polk and Co of California
	WALSH Harry R R	R.L. Polk and Co of California
	Rose Buster musician R	R.L. Polk and Co of California

### 6907 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Lewis Earl W	Pacific Telephone
1950	LEWIS EARL W R	The Pacific Telephone & Telegraph Co.
1945	LEWIS EARL W R	The Pacific Telephone & Telegraph Co.
1943	Lewis Earl W Vertia signalmn SP Co h	R. L. Polk & Co.
1938	LEWIS EARL W R	Pacific Telephone
1933	LEWIS E W (VERITA E) SIGNALMN SPCO H	R. L. Polk & Co.

### 6920 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Markham Edwin School	R. L. Polk & Co.

### 6921 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Garvella Jas V	Pacific Telephone

### 6927 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CAGLER CYNITHA	Pacific Bell

### 6951 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Kinsey Jos E	Pacific Telephone

## FINDINGS

### 7015 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1943	Chaplin David E Mary eng h	R. L. Polk & Co.
1938	MINAMI K MRS R	Pacific Telephone

### 7019 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	HESTER JAS H R	The Pacific Telephone & Telegraph Co.

### 7025 KRAUSE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MUILLER GEO W R	The Pacific Telephone & Telegraph Co.

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

#### Address Researched

7000-7200 Bancroft Ave

#### Address Not Identified in Research Source

2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

#### Address Researched

1 EASTMONT MALL

#### Address Not Identified in Research Source

2013, 2008, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

10 EASTMONT MALL

2013, 2008, 2006, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

10 EASTMONT ML

2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

100 EASTMONT MALL

2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

102 EASTMONT MALL

2013, 2008, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

107 EASTMONT MALL

2013, 2008, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

108 EASTMONT MALL

2013, 2008, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

111 EASTMONT MALL

2013, 2008, 2006, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

112 EASTMONT MALL

2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

113 EASTMONT MALL

2013, 2008, 2006, 2002, 2000, 1996, 1993, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

117 EASTMONT MALL

2013, 2008, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920





## FINDINGS

**Address Not Identified in Research Source**

[illegible]



## FINDINGS

**Address Not Identified in Research Source**

[illegible]

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
2399 CHURCH ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
24 EASTMONT MALL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
24 EASTMONT MALL	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
240 EASTMONT MALL	2013, 2008, 2006, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2400 CHURCH ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
2401 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926, 1920
2401 CHURCH ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2401 CHURCH ST	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2407 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1932, 1926, 1920
2408 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
241 EASTMONT MALL	2013, 2008, 2006, 2002, 2000, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2415 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
2415 CHURCH ST	2013, 2008, 2002, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
2418 CHURCH ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
2420 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1928, 1926, 1925
2421 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
2421 CHURCH ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920



## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
2500 CHURCH ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1933, 1932, 1928, 1926, 1925, 1920
2508 73RD AVE	2013, 2008, 2006, 2002, 2000, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2508 73RD AVN	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
251 EASTMONT MALL	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2510 73RD AVE	2013, 2008, 2006, 2002, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2511 CHURCH ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
2517 CHURCH DR	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2517 CHURCH ST	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2524 73RD AVE	2013, 2008, 2006, 2002, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2524 73RD AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2525 CHURCH ST	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
2540 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
2544 73RD AVE	2013, 2008, 2006, 2002, 1993, 1992, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
2544 73RD AVE	2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2546 73RD AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2546 73RD AVE	2013, 2008, 2006, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
2548 73RD AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920







## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
6863 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6865 HALLIDAY AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1926, 1925, 1920
6868 HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6868 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
6868 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1933, 1932, 1926, 1925, 1920
6869 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6869 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1932, 1926, 1925, 1920
6869 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6900 BANCROFT AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6900 BANCROFT AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6900 HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
6900 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
6900 KRAUSE CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920
6900 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6901 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6901 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6901 KRAUSE AVE	2013, 2008, 2002, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920

## FINDINGS

### Address Researched

### Address Not Identified in Research Source

6901 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
6904 KRAUSE AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1925, 1920
6904 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1926, 1925, 1920
6905 HALLIDAY AVE	2013, 2008, 2002, 2000, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1932, 1926, 1925, 1920
6906 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1926, 1925, 1920
6907 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6907 KRAUSE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6907 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6907 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925, 1920
6908 HALLIDAY AVE	2013, 2008, 2002, 2000, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6911 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
6912 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6915 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6916 HALLIDAY AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6917 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
6917 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6919 KRAUSE AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6920 KRAUSE AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1928, 1926, 1925, 1920

## FINDINGS

### Address Researched

### Address Not Identified in Research Source

6920 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6921 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6921 BANCROFT CT	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6921 KRAUSE AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6921 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6922 HALLIDAY AVE	2013, 2008, 2002, 2000, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926, 1925, 1920
6923 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6924 HALLIDAY AVE	2013, 2008, 2002, 2000, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6925 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6925 HALLIDAY AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6927 KRAUSE AVE	2013, 2008, 2002, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6927 KRAUSE ST	2013, 2008, 2006, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6929 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6929 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6929 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6931 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6932 HALLIDAY AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

## FINDINGS

### **Address Researched**

### **Address Not Identified in Research Source**

6933 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6933 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6935 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
6937 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6938 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6940 HALLIDAY AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
6941 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6943 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
6943 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6946 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
6947 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1932, 1926, 1925, 1920
6949 KRAUSE AVE	2013, 2008, 2006, 2002, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6950 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6951 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6951 KRAUSE AVE	2013, 2008, 2006, 2002, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6951 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6953 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
6953 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
6971 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6981 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
6990 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
70 EASTMONT MALL	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7000 HALLIDAY AVE	2013, 2008, 2002, 1996, 1993, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1920
7001 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7001 BANCROFT WAY	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7001 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7006 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
7007 HALLIDAY AVE	2013, 2008, 2002, 1993, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1926, 1925, 1920
7007 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7011 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7012 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1932, 1926, 1925, 1920
7015 HALLIDAY AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
7015 KRAUSE AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7015 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7018 HALLIDAY AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1932, 1926, 1920

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<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
7019 KRAUSE AVE	2013, 2008, 2002, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7019 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7021 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
7025 KRAUSE AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7025 KRAUSE ST	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7100 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925, 1920
7101 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
7101 KRAUSE AVE	2013, 2008, 2002, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7104 HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7106 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1920
7106A HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7107 HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1926, 1925, 1920
7109 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7109 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
7109 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7114 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
7115 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7117 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
7117 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
7118 HALLIDAY AVE	2013, 2008, 2002, 2000, 1993, 1984, 1982, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7122 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1928, 1926, 1925, 1920
7125 HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1920
7127 HALLIDAY AVE	2013, 2008, 2002, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1940, 1938, 1932, 1926, 1925, 1920
7129 HALLIDAY AVE	2013, 2008, 2002, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7193 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7193 KRAUSE AVE	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7200 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1920
7201 BANCROFT AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7201 BANCROFT AVE	2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7201 HALLIDAY AVE	2013, 2008, 2002, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1926, 1925, 1920
7206 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1932, 1926, 1925, 1920
7207 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
7210 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7212 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7215 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7215 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1933, 1932, 1926, 1925, 1920

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
7215 KRAUSE AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7218 HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1938, 1932, 1928, 1926, 1925, 1920
7221 HALLIDAY AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1965, 1960, 1959, 1956, 1954, 1951, 1946, 1940, 1932, 1926, 1925, 1920
7225 BANCROFT AVE	2013, 2008, 2002, 1993, 1984, 1982, 1980, 1979, 1976, 1973, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7225 BANCROFT AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7227 HALLIDAY AVE	2013, 2008, 2002, 2000, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1940, 1932, 1928, 1926, 1925, 1920
7250 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7300 BANCROFT AVE	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7300 BANCROFT AVE	2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7301 BANCROFT AVE	2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7301 BANCROFT AVE	2013, 2008, 2002, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
7322 BANCROFT AVE	2013, 2008, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1954, 1951, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
8 EASTMONT MALL	2013, 2008, 2006, 2002, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
8 EASTMONT MALL	2013, 2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
9 EASTMONT MALL	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920



## **APPENDIX G**

### **PORTIONS OF PREVIOUS REPORTS**

**EBI CONSULTING  
FOUR A STREET  
BURLINGTON, MA 01803  
800-786-2346  
PROJECT #24-2778A**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT**

***Eastmont Town Center  
7200 Bancroft Avenue  
Oakland, California 94605***

*Prepared for:*

Countrywide Commercial Real Estate Finance  
4500 Park Granada MS CH-143  
Calabasas, CA 91302

October 31, 2004

Mr. Sepp Dobler  
Countrywide Commercial Real Estate Finance  
4500 Park Granada MS CH-143  
Calabasas, CA 91302

**Subject: Phase I Environmental Site Assessment Report, Eastmont Town Center  
7200 Bancroft Avenue, Oakland, California  
EBI Project #24-2778A**

Dear Mr. Dobler:

Attached please find our *Phase I Environmental Site Assessment Report*, (the *Report*) for the above-mentioned asset (the Subject Property). During the survey and research, our surveyor met with agents representing the Subject Property, or agents of the owner, and reviewed the Subject Property and its history. The *Report* was completed according to the terms and conditions authorized by you. This *Report* has been completed in general conformance with the ASTM Standard E 1527-00.

The purpose of this *Report* is to assist *Countrywide Commercial Real Estate Finance* in its underwriting of a proposed mortgage loan on the Subject Property described herein.

*Countrywide Commercial Real Estate Finance* and its affiliates (collectively, "CRF"), its successors and assigns, rating agencies and certain investors involved in the Securitization (as defined below) or other disposition, may use and rely upon this *Report* in connection with a planned securitization involving the loan secured by the Property or a whole loan sale or other disposition of the related loan (collectively, the "Securitization"). CRF, at its option, may elect to include selected information contained in the *Report* in the Offering Memorandum or other disclosure materials relating to the Securitization and the Consultant agrees to cooperate in answering questions by any of the above parties in connection with the Securitization.

There are no intended or unintended third party beneficiaries to this *Report*, except as expressly stated herein.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the *Report* or on the closing of any business transaction.

Thank you for the opportunity to prepare this *Report*, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully Submitted,

Jodi Vanneman  
Author/Senior Scientist

Richard B. McKinney (661) 871-2281  
Reviewer/Senior Program Director

Tim Hasselbach  
Vice President

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<b>APPENDIX D – PROFESSIONAL QUALIFICATIONS</b>	
<b>APPENDIX E – REGULATORY DATABASE REPORT</b>	
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## EXECUTIVE SUMMARY

The Subject Property is part of the Eastmont Town Center and was reportedly constructed in 1968 to 1972 and consists of a one- and two-story retail mall building with an attached medical arts building (former JC Penney) and a one-story police station building (former Mervyn's department store). The site is approximately 27.53 acres, and the net rentable area of the buildings included as part of the Subject Property is approximately 581,517 square feet.

There are also six pad buildings. These are on ground leases and the land is part of the Subject Property, but the buildings themselves are not part of the Subject Property for this assessment.

A four-story office building and a vacant one-story building (former police station) are not part of the Subject Property for this assessment.

The Subject Property is located in Oakland, Alameda County, California and is enclosed by Bancroft Avenue, Foothill Boulevard, Church Street and 73<sup>rd</sup> Avenue. Oakland is located in the San Francisco Bay area of northern California, and the Subject Property is approximately three miles northeast of Interstate 880.

Ms. Jodi Vanneman of EBI surveyed the Subject Property on October 19, 2004. She was accompanied by and interviewed Mr. Bob Bridwell and Juan Mendoza of the Eastmont Town Center. At the time of the survey, the weather was rainy and overcast and approximately 50° Fahrenheit. During the survey, approximately 10 percent of the tenant spaces were accessed including all the units where the activities reportedly involved the generation of regulated waste in addition to accessing the mechanical spaces and common areas. A Pre-Survey Questionnaire was forwarded to the designated Subject Property contact and has not been returned although various others documents were provided.

Below is the Assessment Summary presenting our recommended actions for the Subject Property. Additional detail regarding each recommended action is provided in *Section 7.0*.

EBI has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1527-00 of the Subject Property. Any exceptions to, or deletions from, this practice are described in *Section 1.0* of this *Report*. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property except for the following:

ASSESSMENT SUMMARY TABLE				
REPORT COMPONENT	SECTION (S)	CONCERN NOTED OR REPORTED	RECOMMENDED ACTIONS	ESTIMATED COST
Current Tenant or Property Use Concerns	3.2	✓	A dry cleaner operates on the Subject Property and utilizes tetrachloroethylene (PCE) as a dry cleaning solvent. Based on the relatively recent history of dry cleaning operations conducted without subsurface assessment (since 1997) combined with the lack of evidence of improper chemical handling practices, no further investigations appear warranted at this time.  EBI recommends repairing the floor cracks and the installation of secondary containment beneath the dry cleaning unit and waste storage drums.	\$2,000.00

ASSESSMENT SUMMARY TABLE				
REPORT COMPONENT	SECTION (S)	CONCERN NOTED OR REPORTED	RECOMMENDED ACTIONS	ESTIMATED COST
ASTs/USTs	3.3	✓	An active gas station and associated fuel USTs, 76 Station, operate on the Subject Property. Subsurface assessment and soil and groundwater remediation is ongoing under regulatory oversight for historic LUST incidents. No offsite migration of contaminants in groundwater was reported. ARCO has been named the Responsible Party and is conducting the assessments/remediation actions. No further action is recommended at this time.	
Suspect Asbestos Containing Material (ACM)	3.4	✓	Friable and non-friable ACMs are present at the Subject Property. An Asbestos Operations & Maintenance (O&M) Program is in-place and includes quarterly inspection and air quality monitoring of ACM at select Subject Property locations. EBI recommends the continued implementation of the existing asbestos O&M program.	Action Item
Radon	3.5		No Further Action	
Lead-based Paint	3.6		No Further Action	
Lead in Water	3.7		No Further Action	
Suspect PCB-containing Equipment	3.10		Inactive hydraulic lifts and oil/water separator (clarifier) are located on the Subject Property and based on the age of the equipment, the potential exists for PCBs in hydraulic fluid to have been used in the past. See below for Eastmont Auto	

ASSESSMENT SUMMARY TABLE				
REPORT COMPONENT	SECTION (S)	CONCERN NOTED OR REPORTED	RECOMMENDED ACTIONS	ESTIMATED COST
<b>Historical Use of Subject Property</b>	4.0	✓	<p>Two wells of unknown disposition were reported in a prior ESA report (1993) and included an “abandoned industrial well” located at the former IGA market and monitoring well formerly located west of the Sparkle Cleaners space. The Subject Property representative, Mr. Bridwell, informed EBI that a search for the suspected industrial well and monitoring well was unsuccessful. Based on this information, no further action is recommended at this time.</p> <p>Sparkle Cleaners has operated on the site for at least 15 years. Prior soil and groundwater investigations reported no significant impact to the subsurface as recent as 1997. No further action with regards to the assessment of the subsurface at Sparkle Cleaners was determined in 1998 by Alameda County Health Care Services. No further action is recommended at this time with regards to historic dry cleaning operations.</p> <p>A Chevrolet auto body assembly plant formerly operated on site to the early 1960s. USTs were removed from the facility and subsurface assessments were completed. The regulator determined “no further action” in 1998. No further action is recommended at this time.</p> <p>EBI recommends a soil and groundwater investigation be conducted inside the former Eastmont Auto space to evaluate the potential for the hydraulic oils associated with the historic operation of hydraulic lifts to have adversely impacted the subsurface.</p>	\$5,000 - \$7,000
<b>Potential Off-site Sources</b>	3.12, 5.0		No Further Action	
<b>Federal, State and Local Agency Concerns</b>	5.2, 5.3, 5.4	✓	<p>The Subject Property is reported as a LUST facility with both open LUST case (76 Station) and “Case Closed” LUST (former autobody assembly and Eastmont Auto sites).</p> <p>See discussions above</p>	

## 1.0 PURPOSE & LIMITATIONS

The purpose of this *Phase I Environmental Site Assessment Report* (the *Report*) is to assist *Countrywide Commercial Real Estate Finance* in its underwriting of a proposed mortgage loan on the Subject Property. This *Report* can be relied upon by only the parties stated in the transmittal letter at the front of this *Report*. EBI's liability to a purchaser other than those stated in the transmittal letter wishing to use this *Report* is limited to the cost of the *Report*. Amendments to EBI's limitations as stated herein that may occur after issuance of the *Report* are considered to be included in this *Report*. Payment for the *Report* is made by, and EBI's contract and *Report* extends to *Countrywide Commercial Real Estate Finance* only, in accordance with the signed Master Services Agreement and the Scope of Work.

The additional purpose of this *Report* is to assess a parcel of *real estate* with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and *petroleum products*. As such, this practice is intended to permit *Countrywide Commercial Real Estate Finance* to satisfy one of the requirements to qualify for the *innocent landowner defense* to CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice" as defined in 42 USC § 9601(35)(B).

In defining a standard of good commercial and customary practice for conducting an *environmental site assessment* of a parcel of *property*, the goal of the processes established by this practice is to identify *recognized environmental conditions*. The term *recognized environmental conditions* (RECs) 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 the *property* or into the ground, ground water, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions 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. Conditions determined to be *de minimis* are not RECs.

EBI has performed this *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Standard E 1527-00. This *Report* was prepared with no exceptions or deletions from ASTM Standard E 1527-00.

### SCOPE OF WORK

This *Report* was prepared for the use of *Countrywide Commercial Real Estate Finance*. This *Report* has been prepared in accordance with signed Master Services Agreement and the Scope of Work approved and signed by *Countrywide Commercial Real Estate Finance*, and with the limitations described below, all of which are integral parts of this *Report*. A copy of the signed Master Services Agreement and the Scope of Work is maintained at the EBI Consulting office in Burlington, Massachusetts.

The information reported was obtained through sources deemed reasonably ascertainable, as defined in ASTM Standard E 1527-00; a visual site survey of areas readily observable, easily accessible or made accessible by the Subject Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property. Municipal information was obtained through file reviews of reasonably ascertainable standard government record sources, and interviews with the authorities having jurisdiction over the Subject Property. Findings, conclusions and recommendations included in the *Report* are based on our visual observations in the field, the municipal information reasonably obtained, information provided by the Client, and/or a review of readily available and supplied drawings and documents. EBI relies completely on the information, whether written, graphic or verbal, provided by the Subject Property contact or as shown on any documents reviewed or received from the Subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of these *Environmental Services*.

The observations in this *Report* are valid on the date of the investigation. Where access to portions of the Subject Property or to structures on the Subject Property was unavailable or limited, EBI renders no opinion as to the presence of petroleum products or hazardous substances in that portion of the Subject Property or structure. Inaccessible portions of the Subject Property are described below. In addition, EBI renders no opinion as to the



presence of, or indirect evidence relating to, petroleum products or hazardous substances where direct observation of the interior walls, floor, or ceiling of a structure was obstructed by objects or coverings on or over these surfaces.

It is acknowledged that EBI judgments shall not be based on scientific or technical tests or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by the Client. It is acknowledged further that EBI conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services, are not guaranteed to be a representation of actual conditions on the Subject Property, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI shall use that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchantability and the warranty of fitness for a particular purpose.

Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

The ASTM Standard E 1527-00 does not encompass analytical testing to evaluate Asbestos Containing Materials (ACM), radon, lead-based paint (LBP), drinking water quality, indoor air quality, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. EBI performed testing at the Subject Property in accordance with the signed Master Services Agreement and the Scope of Work. Unless otherwise specified herein, such testing involves screening methods intended to provide a broad and approximate evaluation of conditions at readily accessible portions of the Subject Property, limited by project constraints, and should not be construed as a comprehensive program designed to comply with a specific regulatory program. If a thorough and regulatory-compliant study is warranted based on the findings of the Phase I ESA, EBI will recommend the appropriate further investigation. In certain cases, quantitative laboratory testing is performed as part of the assessment and analyses have been conducted by an outside laboratory. EBI relies upon the data provided by the outside laboratory, and has not conducted an independent evaluation of the reliability of this data.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The *Report* speaks only as of its date, in the absence of a specific written update of the *Report*, signed and delivered by EBI.

Additional information that becomes available after our survey and draft submission concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified if necessary, at additional cost. This *Report* has been prepared in accordance with signed Master Services Agreement and the Scope of Work, which is an integral part of this *Report*.

#### INACCESSIBLE OR UN-SURVEYED PORTIONS OF SUBJECT PROPERTY

During the survey, approximately 10 percent of the tenant spaces were accessed including all the units where the activities reportedly involved the generation of regulated waste in addition to accessing the mechanical spaces and common areas. No other notable portions of the Subject Property were excluded from this survey.

#### ABBREVIATIONS

EBI may use various abbreviations to describe various site, building or system components or legal descriptions. Not all abbreviations may be applicable to all reports. The abbreviations most often utilized are defined below.

ACM	Asbestos-containing material	HVAC	Heating, ventilating and air conditioning
AST	Aboveground storage tank	MSDS	Material Safety Data Sheet(s)
CMU	Concrete masonry unit	REC	Recognized environmental condition
EIFS	Exterior insulating finishing system	RTU	Rooftop (HVAC) unit
FOIA	Freedom of Information Act	UST	Underground storage tank
LBP	Lead-based paint	VCT	Vinyl composition tile

## 2.0 SUBJECT PROPERTY CHARACTERISTICS

### 2.1 OWNERSHIP AND LOCATION

According to data obtained from the City of Oakland's website, the Subject Property is owned by Eastmont Town Center and corresponds to Alameda County Assessors Parcel Numbers (APN): 039-329900202, 039329900102, 039329900300 and 039-329101900.

The Subject Property is located in Oakland, Alameda County, California and is enclosed by Bancroft Avenue, Foothill Boulevard, Church Street and 73<sup>rd</sup> Avenue. *Figure 1, Location Map* attached to this Report depicts the Subject Property on a street map of the vicinity.

*Figure 2, Topographic Map* attached to this Report depicts the Subject Property on a portion of the *Oakland East, California* United States Geological Survey (USGS) Topographic Quadrangle.

### 2.2 DESCRIPTION AND OPERATIONS

#### LAND AND BUILDING AREAS

The Subject Property consists of four parcels that include the three large main buildings and three pad buildings that total approximately 581,715 square feet situated on 27.53-acres of land. Within the 27.53-acres of Subject Property, the following buildings and improvements were excluded from this assessment: a former police station/Firestone automotive building at the northeast corner of the mall, and a 4-story, mostly vacant office building on the northwest side of the mall.

The three large buildings are of concrete construction with some structural steel and concrete masonry block materials. The pad buildings are generally of wood-frame construction and are located on the general west-southwest side of the Subject Property. A concrete parking deck surrounds the general east side of the main buildings and provides two levels of parking constructed into the hillside so that the upper level is at street grade. The western side of the Subject Property has at-grade, paved parking and entrances from the abutting streets. The Land and building areas are as follows:

BUILDING SPECIFICS					
ADDRESS	NUMBER OF FLOORS	BASEMENT IN BUILDING	APPROXIMATE AREA (SF)	DATE OF CONSTRUCTION	LOT SIZE (ACRES)
6900 Bancroft Taco Bell APN: 039-32900300	1	No	1,800 SF	1968	0.66
7000 Bancroft Lee's Donuts	1	No	2,700 SF	1968	
7210 Bancroft 76 Station APN: 039-329900202	1	No	800 SF	1968	0.46
Auto Zone pad under construction APN: 039-329900102	N/A	N/A	N/A	2004	6.78
7200 Bancroft Burger King APN: 039-329900102	1	No	Est. 2,500 SF	Approx. 1990	

BUILDING SPECIFICS					
ADDRESS	NUMBER OF FLOORS	BASEMENT IN BUILDING	APPROXIMATE AREA (SF)	DATE OF CONSTRUCTION	LOT SIZE (ACRES)
Medical Arts Building 6955 Foothill Boulevard APN: 039-329101900	3	No	210,000 SF	1969	21.23
2651 73 <sup>rd</sup> Avenue Oakland Police Dept. APN: 039-329101900	2	No	64,000 SF	1974	
7000 – 7250 Bancroft 1 Eastmont Town Center Retail Units, library, various offices APN: 039-329101900	3	No	275,000 SF	1968 – 1972	
7300 Bancroft McDonalds Restaurant APN: 039-329101900	1	No	Estimate 3,000 SF	Not known	
2701 73 <sup>rd</sup> Avenue Vacant/former automotive Excluded from Assessment per Tentative Parcel Map 7755 as Parcel A APN: 039-329101900	1	No	10,000 SF	1968	
1 Eastmont Professional Office Building Mostly vacant Excluded from Assessment per Tentative Parcel Map 7755 as Parcel B APN: 039-329101900	4	Not known	55,000 SF	1970	

Note that square footages were obtained from various sources included information provided directly from Eastmont Mall management personnel and from prior reports and documents prepared by third parties. EBI is not responsible for any errors that may be presented in the square footages provided. The acreage was provided by the City of Oakland's web-based mapping system at <http://www.ci.oakland.ca.us/>. This on-line mapping system did not reflect the tentative parcels.

#### CURRENT TENANTS AND USE OF THE SUBJECT PROPERTY

CURRENT TENANTS/ACTIVITIES				
LOCATION/ SUITE	TENANT	TENANT ACTIVITY	NOTABLE HAZARDOUS MATERIALS	STAINING / CONDITION OF STORAGE / CONTAINMENT
Main Mall Level 1 - 1	C&C Check Cashing	Financial Services	None	N/A
Main Mall Level 1 - 2	Sparkle Cleaners	Dry Cleaners	Perchloroethylene cleaner and waste, three drums	Not on secondary containment, cracks in concrete, no visual surface staining, carpet under the drums
Main Mall Level 1 – 4	Bank of America	Financial Services	None	N/A

CURRENT TENANTS/ACTIVITIES				
LOCATION/ SUITE	TENANT	TENANT ACTIVITY	NOTABLE HAZARDOUS MATERIALS	STAINING / CONDITION OF STORAGE / CONTAINMENT
Main Mall Level 1 – 5	Fantasy Gifts	Retail Store	None	N/A
Main Mall Level 1 – 6	Best Price	Retail Store	None	N/A
Main Mall Level 1 – 6a	Athlete's Foot	Retail Store	None	N/A
Main Mall Level 1 – 6b	4Brothers Clothing	Retail Store	None	N/A
Main Mall Level 1 – 6c	Electron X	Retail Store	None	N/A
Main Mall Level 1 – 6d	An's Jewelry	Retail Store	None	N/A
Main Mall Level 1 – 7	H. Salt Esq. Fish & Chips	Restaurant	None	N/A
Main Mall Level 1 – 8	Payless Shoe Source	Retail	None	N/A
Main Level Mall – 9	Rainbow Apparel	Retail	None	N/A
Main Level Mall – 10	Gazzali's Market	Retail	None	N/A
Main Level Mall – 11	dd's Discount	Retail	None	N/A
Main Level Mall – 13	Telecare	Retail	None	N/A
Main Level Mall – 15	The Mart	Retail	None	N/A
Main Level Mall – 16	Comcast Cable	Offices	None	N/A
Main Level Mall – 17	Eastmont Café	Restaurant	None	N/A
Main Level Mall – 18	Residential Medical Supply	Retail	None	N/A
Main Level Mall – 19/20	Fashions By Delores	Retail	None	N/A
Main Level Mall – 21	Star Beauty Supply	Retail	None	N/A
Main Level Mall – 22	All African Imports	Retail	None	N/A
Main Level Mall – 25	Foxy II	Retail	None	N/A
Main Level Mall – 31	Value Plus	Retail	None	N/A
Main Level Mall – 32	Fashion Clothing II	Retail	None	N/A
Main Level Mall – 34	Council Member Brooks	Offices	None	N/A
Main Level Mall – 36	AC Self- sufficiency Center	Offices	None	N/A

CURRENT TENANTS/ACTIVITIES				
LOCATION/ SUITE	TENANT	TENANT ACTIVITY	NOTABLE HAZARDOUS MATERIALS	STAINING / CONDITION OF STORAGE / CONTAINMENT
Main Level Mall – 40	Vogue For Men	Retail	None	N/A
Main Level Mall – 41	Treasure Jewelry	Retail	None	N/A
Main Level Mall – 42	Young's Ugs	Retail	None	N/A
Main Level Mall – 45	University Preparation	Offices	None	N/A
Main Level Mall – 46	Corner House Deli	Restaurant	None	N/A
Main Level Mall – 47	Hong Kong Fancy Foods	Restaurant	None	N/A
Main Level Mall – 48	Taqueria Los Portales	Restaurant	None	N/A
Main Level Mall – 49	Las Palmas	Restaurant	None	N/A
Main Level Mall – 50	Eastmont Herb	Retail	None	N/A
Mall Level 2 – 52	Project Head Start	Offices	None	N/A
Mall Level 2 – 53	Prime Nutrition Center	Retail	None	N/A
Mall Level 2 – 54	Intel Computing Clubhouse	Offices/Instruction	None	N/A
Mall Level 2 – 55	Eastmont Computer Center	Offices/Instruction	None	N/A
Mall Level 2 – 56	Oakland Branch Library	Library	None	N/A
Mall Level 2 – 59	House of Unity	Offices	None	N/A
Mall Level 2 – 60	University Preparation	Offices/Instruction	None	N/A
Mall Level 2 – 63	Social Security Administratio n	Offices	None	N/A
Mall Level 2 – 63a	Storage	Storage	None	N/A
Mall Level 2 – 64	OCO	Offices	None	N/A
Mall Level 2 – 66	Alameda County Probation	Offices	None	N/A
Mall Level 2 – 67	Lincoln Child Center	Offices	None	N/A

CURRENT TENANTS/ACTIVITIES				
LOCATION/ SUITE	TENANT	TENANT ACTIVITY	NOTABLE HAZARDOUS MATERIALS	STAINING / CONDITION OF STORAGE / CONTAINMENT
Mall Level 2 – 68/70	Alameda County Public Health Dept.	Public Health Services	Generate biohazardous waste	No staining, good condition, correct storage
Mall Level 2 – 72	Planned Parenthood	Clinic	None	N/A
Mall Level 2 – 74	Planned Parenthood	Offices	None	N/A
Mall Level 2 – 75	African American Chamber of Commerce	Offices	None	N/A
Mall Level 2 – 76	Anthony Woods	Law office	None	N/A
Mall Level 2 – 78	Apothecary	Retail	None	N/A
Mall Level 2 – 79/80	Golden Age Senior Center	Senior Center/recreation	None	N/A
Mall Level 2 – 81	Oakland Police Precinct	Police Department, prison cells, offices	Emergency generator	No staining, good condition, self- contained fuel supply, pad-mounted unit
Mall Level 2 – 83	Leasing Office	Offices	None	N/A
Mall Level 2 – 84	Security Office	Mall security office	None	N/A
Mall Level 2 – 85	Center for Elders Independence	Offices	None	N/A
Pad Site 1	Union 76	Gas Station	See Sections 3.2 and 3.3	See Sections 3.2 and 3.3
Pad Site 2	Burger King	Restaurant	None	N/A
Pad Site 3	Taco Bell	Restaurant	None	N/A
Pad Site 4	Lee's Donuts	Restaurant	None	N/A
Pad Site 5	Autozone	Retail – under construction	None	N/A
F1	AC Transit Bus Plaza	Passenger Loading/Unloading	None	N/A
F2	Town Center Market	Retail	None	N/A
F4	McDonalds Restaurant	Restaurant	None	N/A
Medical Arts Building – A	Alameda County Ambulatory Care	Clinic	Generate biohazardous waste	No staining, good condition, correct storage
Medical Arts Building – B	DaVita Dialysis	Dialysis Clinic	Generate biohazardous waste	No staining, good condition, correct storage

CURRENT TENANTS/ACTIVITIES				
LOCATION/ SUITE	TENANT	TENANT ACTIVITY	NOTABLE HAZARDOUS MATERIALS	STAINING / CONDITION OF STORAGE / CONTAINMENT
Medical Arts Building – C	Alameda County Dental Clinic	Dental Clinic	Generate biohazardous waste	No staining, good condition, correct storage
Medical Arts Building – Third Floor	Alameda County Adult & Aging Offices	Offices	None	N/A

Those tenants who were identified to generate regulated wastes or utilize regulated materials are further discussed in *Section 3.0* of this *Report*.

### 2.3 MUNICIPAL SERVICES & UTILITIES

#### 2.3.1 Water & Sewer

Domestic drinking water is provided by the *Alameda County Water District*. According to this municipality's 2002 Water Quality Report, the drinking water is monitored and tested and meets federal and state standards. The source of water is a combination of local groundwater wells and imported resources.

*The City of Oakland* provides sewer service to the Subject Property site. There is one out-of-use oil/water separator associated with the former Eastmont Auto Center located on the southeast side of the Subject Property. The sludge was reportedly removed from this separator approximately 6 to 7 years ago when the business terminated. It is reportedly connected to the municipal sewer system and discharged waste water from the floor drains in the former automotive service bays.

McDonalds, Burger King and Taco Bell also operate in-ground food grease traps that are connected to the municipal sewer system. As this waste is non-hazardous, it does not present an environmental concern to the Subject Property.

#### 2.3.2 Gas/Oil

*Pacific Gas and Electric Company (PG&E)* provides gas service to the Subject Property. Gas fuels three boilers in the Medical Arts Building, various water heaters and HVAC systems. No oil service is provided to the Subject Property.

#### 2.3.3 Electrical

*PG&E* supplies electrical service to the Subject Property. Several pad-mounted transformers, owned by the utility, were noted throughout the Subject Property. The transformers are discussed in *Section 3.10* of this *Report*.



### 3.0 SUBJECT PROPERTY RECONNAISSANCE

#### 3.1 INTERIOR SURVEY

The following table summarizes issues on which the survey of interior areas of the Subject Property focused:

INTERIOR SURVEY		
ITEM	NOTED	LOCATION AND DESCRIPTION
Processes that generate petroleum products or hazardous substances	✓	One dry cleaner and medical service tenants were identified that generate regulated wastes and are further discussed in <i>Section 3.2</i> of this <i>Report</i> .
Unusual odors		N/A
Pools of liquid		N/A
Containers not attributed to current use of the Subject Property		N/A
Stains or corrosion		N/A
Drains and Sumps	✓	Floor drains and an associated oil/water separator was identified in the vacant, former Eastmont Auto space. Floor drains were identified in the food preparation areas of the restaurants. The drains in the pad restaurants are connected to belowground food grease traps. The x-ray developing machines discharge filtered waste info floor drains at the Alameda County Ambulatory Care and Dental clinics. All the drains are ultimately connected to the municipal sewer system.
Oil-containing equipment	✓	Oil-containing equipment at interior portions of the Subject Property includes several elevators, escalators and two emergency generators (See <i>Sections 3.2 and 3.10</i> )

#### 3.2 USAGE, HANDLING AND DISPOSAL OF PETROLEUM PRODUCTS AND/OR HAZARDOUS SUBSTANCES

Routine quantities of hazardous chemicals, oils, lubricants and pool chemicals are used to maintain the Subject Property. These materials include cleaning compounds, paints, thinners, and joint compounds. These materials are stored in a vacant store space in the main mall. These materials are utilized at the Subject Property during routine operations and do not result in the generation of regulated waste. No evidence of significant leaks or spills was noted during EBI's site visit.

Tenants associated with Alameda County were identified that generate biohazardous waste in the process of providing immunizations, pain relievers and other related activities in the health and dental clinics operated on the Subject Property. Each room where shots were administered was equipped with a properly labeled biohazard sharps and general biohazard material collection containers. These tenants include Alameda County Ambulatory Care and Alameda County Dental Clinic. These wastes are removed one to two times a month by Stericycle. Both tenants also operate x-ray processing machines that filter and recover silver from the liquid waste prior to discharging the waste fluid into nearby floor drains. The silver wastes are removed by Source One Healthcare and Brittel Environmental Corporation.

The Alameda County Public Health Department administers vaccinations and is similarly equipped with properly labeled biohazard containers in the patient rooms. This activity is not routine and when wastes

are generated, the staff transports the waste receptacle to another Alameda County off-site location that arranges for disposal purposes.

The DaVita Dialysis Clinic generates biohazardous waste that includes liquid waste and needles that are stored in the appropriately labeled containers. At the end of each day, the waste is transported to a locked storage room and placed into red bagged, properly labeled biohazard containers. The biohazard waste is reportedly removed twice each week by Stericycle. The DaVita Dialysis Clinic also stores several 55-gallon plastic drums of a saline-based liquid that is non-hazardous and is used in the dialysis process.

Sparkle Cleaners operates one closed loop dry cleaning machine that is reportedly at least 13 years old. This unit generates water discharge waste, dry cleaner solvent PCE (tetrachloroethene) sludge waste and PCE contaminated filters that are placed in 55-gallon metal drums. The tenant reported that since business is so slow, they have not had their drummed waste removed for approximately six months. Their contracted waste hauler is Technichem who reportedly calls every month to inquire whether their services are needed based on the amount of waste generated. The one dry cleaning unit does not appear to have secondary containment nor were the drums placed on top of secondary containment. There were cracks in the concrete floor under and adjacent to the dry cleaning unit. The drums were stored on top of carpet remnants, thereby limiting visual inspection of the underlying concrete floor for potential evidence of spill or release of waste PCE. No evidence of a significant release or spill, such as floor stains, was observed on the concrete flooring beneath or surrounding the dry cleaning equipment and waste storage containers. This facility operates under Bay Area Air Quality Permit No. 6284 that expires October 2005 and East Bay Municipal Utility District Discharge Permit No. 2.523572.

Emergency generators with self-contained fuel storage tanks are operated by the Oakland Police Precinct in the garage and at the Medical Arts Buildings in the penthouse. These generator units are mounted on concrete pads and no fuel or lubricant leakage or stains were apparent.

The Union 76 Station operates four USTs that store diesel and unleaded gasoline. Additional data regarding the USTs is discussed below in *Section 3.3* of this *Report*.

### 3.3 ABOVEGROUND/UNDERGROUND STORAGE TANKS (ASTs/USTs)

Four active USTs are located at the 76 Station on the Subject Property. The USTs are permitted to operate and were upgraded to current UST regulatory standards in 1998, certificate #11710. The UST specifications are indicated in the table below.

UNDERGROUND STORAGE TANKS					
APPROXIMATE CAPACITY (GALLONS)	TYPE	LABELED / REPORTED CONTENTS	LOCATION	CONDITION / AGE	STAINING / CONTAINMENT
12,000 gallons each	(3) three double-walled fiberglass USTs	Unleaded gasoline	76 Station	Good condition, 1984 installation	Double-walled tanks and piping, 24-hour audible alarm vapor monitoring
10,000 gallons	(1) one double-walled fiberglass UST	Diesel	76 Station	Good condition, 1984 installation	Double-walled tank and piping, 24-hour audible alarm vapor monitoring

See *Section 4.1* of this *Report* for information regarding the unauthorized releases from prior UST systems and resulting remediation and groundwater monitoring activities.

### 3.4 ASBESTOS-CONTAINING MATERIAL (ACM)

ACM represents a concern when it is subject to damage that results in the release of fibers. Friable ACM, which can be crumbled by hand pressure and is therefore susceptible to damage, is of particular concern. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition or other activities.

EBI reviewed the *Limited Asbestos Survey for the Eastmont Town Center* dated July 14, 1997, prepared by Northwest Envirocon, Inc. (Northwest). The table below summarizes the ACM reported in this previous report.

PRIOR IDENTIFIED ASBESTOS		
MATERIAL	LOCATION	CONDITION/DISPOSITION
Spray applied fire proofing	Throughout on multi-level building areas with steel beams, decks	National Surface Cleaning, Inc. conducted abatement of flooring, mastics, TSI, sheet rock, plaster, spray-applied fire proofing on ducting, and acoustical ceiling tiles and encapsulate remaining fire proofing throughout the JCPenney Building. Removed in accessible areas Removed in accessible areas
Thermal System Insulation (TSI)	Former JCPenney Building	
Vinyl floor tile	Former JCPenney Building	
Corrugated cement panels	Former JCPenney Building	Not known
Floor tile and mastic	Tenant Spaces 11, 12, 31, and 81	Not known except Tenant Space 11 was formerly occupied by Thrifty-Payless and renovations were completed for the current tenant which likely included abatement of the flooring
Sheetrock and joint compound	Old Mervyns	This is now the Oakland Police and was removed when renovations were completed in 2000-2001
Sheet flooring	Tenant Space 74	Not known
Spray applied ceiling texture	Throughout main mall structures in corridors and office tenant spaces	Encapsulated
Spray applied ceiling texture	Pharaohs Pizza	Currently Lee's Donuts and assumed to be present
9x9 floor tile (not reported in Envirocon's Report but identified by EBI)	Former Eastmont Automotive Center	Remains

Significant renovations and tenant improvements have reportedly occurred since 1997. The renovations included the Medical Arts Building, the Alameda County Public Health Services, Library, and Police Station. These renovations reportedly included the removal of many of the ACMs described in the table above. ACMs not removed reportedly included some of the fire-proofing and spray applied ceiling texture materials.

EBI was provided a copy of the Eastmont Town Center's *Asbestos Management Plan* that is appended to this *Report*. This plan states that various ACMs are located at the site and include "pipe insulation,

sprayed-on fireproofing, sprayed-on acoustic insulation, and flooring materials.” The location of these materials was not provided.

Air monitoring for asbestos and visual inspections of ACM is performed quarterly by a consulting firm, currently Kellco, at the Wellness Center facility. A copy of the July 30, 2004 quarterly asbestos assessment was provided and indicated some minor damage in the form of delaminating of fire-proofing and water stains. Repair and re-encapsulation of these materials was recommended. According to Mr. Bridwell, the repair of the damaged materials has been completed.

In conclusion, it would appear that the ACMs at the Subject Property are being appropriately addressed and managed as part of the on-going Asbestos O&M Program. Renovations or demolition of any interior spaces will require performance of a sampling survey in the affected areas as no comprehensive survey data has been produced to date.

### 3.5 RADON

Radon is a naturally-occurring, colorless and odorless radioactive gas that is generated primarily in granitic rocks. The United States Surgeon General has published information that radon is a major cause of lung cancer. Radon usually enters a building through openings in the foundation, and therefore is a potential health concern to residents of the lowest level of a building with inadequate ventilation.

The EPA Map of Radon Zones indicates Alameda County is in a Zone 2 radon area. Zone 2 is defined as areas that have a moderate potential for radon gas with anticipated levels of 2.0 to 4.0 picocuries per liter air (pCi/L). The EPA guideline for radon is 4.0 pCi/L. Due to the non-residential use of the Subject Property, and in accordance with the scope of work for this ESA, radon testing was not performed.

### 3.6 LEAD-BASED PAINT (LBP)

Use of lead in household paint was banned by the Environmental Protection Agency (EPA) effective January 1, 1978. The EPA considers paint containing greater than 0.5% lead by weight to be “lead-based.” Federal regulations specify that lead paint hazards must be abated in residential buildings occupied by children under the age six.

Based on the commercial use of the buildings and the scope of work for this ESA, an LBP survey was not conducted at the Subject Property.

### 3.7 LEAD IN DRINKING WATER

Lead has historically been used in pipes, solder, and brass fixtures used in water distribution systems and plumbing material. In 1986, EPA banned the use of lead at concentrations exceeding 0.2% lead in solder and 8% lead in other plumbing material. The *Alameda County Water District* provides drinking water to the Subject Property. According to this municipality’s 2002 Water Quality Report, the drinking water is monitored and tested and indicates compliance with Safe Drinking Water Act (SDWA) requirements. The source of water is a combination of local groundwater wells and imported resources.

### 3.8 EXTERIOR SURVEY

The following table summarizes issues on which the survey of exterior areas of the Subject Property focused:

EXTERIOR SURVEY		
ITEM	NOTED	LOCATION AND DESCRIPTION
Storage tanks	✓	There is a 76 Station on the Subject Property with fuel USTs. See <i>Section 3.3</i> of this <i>Report</i> .
Unusual odors		N/A
Areas of asphalt patch or surface depressions		N/A
Containers not attributed to current use of the Subject Property		N/A
Oil-containing equipment	✓	Several, utility owned and operated, pad-mounted transformers are located on the Subject Property (see <i>Section 3.10</i> ).
Stained soil or pavement		N/A
Stressed vegetation		N/A
Fill material of questionable origin/ Piles		N/A
Wastewater		N/A
Monitoring Wells	✓	There are 10 groundwater monitoring wells reported to be located adjacent to the 76 Station. See <i>Section 4.1</i> of this <i>Report</i> for further information.
Catch basins or dry wells	✓	Storm water at the Subject Property is discharged into numerous storm water drains located throughout the paved areas on the site and is discharged into the municipal storm drain system.
Septic systems		N/A

### 3.9 SOLID WASTE DISPOSAL

Solid waste generated at the Subject Property is typical domestic waste consisting of paper, plastics, and food refuse. Solid waste is collected in various dumpsters and trash compactors located in various loading docks and back door areas throughout the Subject Property. No evidence of illicit dumping of solid waste was observed during EBI's site visit. The trash compactors were reported to be placed on the site sometime after 1990.

The on-site restaurants generate waste cooking grease. The waste grease generated from the main mall tenants is removed by hand and placed in a metal tallow container and removed at least monthly by Modesto Tallow, a licensed waste hauler.

### 3.10 POLYCHLORINATED BIPHENYLS (PCBs) EQUIPMENT

PCBs were used in the dielectric fluid of some transformers and capacitors manufactured prior to 1979. The EPA banned the use of PCBs in 1978.

Potential PCB-containing equipment observed at the Subject Property included several pad-mounted transformers and the original hydraulic elevators. Three of the elevator reservoirs were visually assessed by EBI and staining or leakage was not apparent. The transformers appeared to be in good condition and no indications of leaks or staining were observed on or below the transformer casings. The transformers are owned and operated by the regional utility company, *PG&E*, which has indicated that they never specified the use of PCBs in their transformers but that a small percentage were contaminated with PCBs by the manufacturer. In the event of a release of dielectric fluid from one of its transformers, *PG&E* would be responsible for the cleanup.

### 3.11 PHYSICAL SETTING

#### TOPOGRAPHY

The Subject Property is at an elevation ranging from 30-40 feet above mean sea level (msl). The Subject Property slopes slightly down to the southwest. The Subject Property is at the base of foothills and the surrounding area exhibits a gentle slope down to the south-southwest (see *Figure 2-Subject Locus Map*, which is a portion of the *Oakland East, California* USGS Quadrangle).

#### GEOLOGY

Oakland and the San Francisco Bay Region lie within the California Coast Range, a complex of mountains and valleys that lie parallel and adjacent to the Pacific Ocean. These ranges are characterized by rock units that have been subjected to extensive fracturing related to movements along the San Andreas and nearby Fault zones. The bedrock is a complex, disrupted assemblage of sedimentary, igneous, and metamorphic rock, generally associated with the Franciscan Formation. The Subject Property area is underlain by Quaternary age deposits of unconsolidated stream alluvium and slope wash, ranging in thickness from ten feet to several hundred feet. The alluvium grades into marine clays and sands toward the San Francisco Bay located approximately 3.5 miles west of the Subject Property.

The Soil Conservation Survey report for Alameda County describes the soils at the Subject Property as Urban Land; thereby rendering statistical soil descriptions infeasible. According to data obtained from the on-site 76 Station subsurface assessments (see *Section 4.1*), the Subject Property is generally underlain by clays with some interbedded sands and gravels to 45 feet below surface grade (bsg). Varying depths of gravels and sands were also identified at depths of 5 to 10 feet bsg on the service station parcel.

#### HYDROLOGY/HYDROGEOLOGY

No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the Property during this investigation. No water bodies were identified within one mile of the Subject Property. The nearest water body is the Arroyo Viejo located approximately 1,300 feet south of the site.

According to the previous groundwater investigations at the Subject Property, discussed in *Section 4.1* of this *Report*, first depth to groundwater under the southern portion of the Subject Property was variable, ranging from 13 to 33 feet bsg with variable flow direction reported from 1992 to 2003 from southwest to northeast. However, the predominant direction of groundwater flow appears to be northerly, ranging from northeast through northwest.

The Subject Property Flood Zone Determination was provided by First American Flood Data Services' Flood Hazard Certification, Community Map #065048-0025B, dated September 30, 1982. This map indicates the Subject Property is in Flood Zone C outside the 100 and 500-year flood zones.

### 3.12 ADJACENT PROPERTIES

#### NORTH

Foothill Boulevard generally encloses the north side of the mall. Beyond this street are multi-family structures, an old McDonald's Restaurant building (now vacant), and an old police station building (now vacant). No evidence of adverse environmental conditions was observed during the survey of the northern boundary of the Subject Property.

#### SOUTH

The intersection of Bancroft Avenue and 73<sup>rd</sup> Avenue form the primary southern border. Beyond the roads to the south and southeast are small churches, mixed small commercial buildings and residences. To the southwest is Silver Gas Station (7225 Bancroft) and single-family homes. Other than the gas station, a LUST facility discussed in *Section 5.3* of this *Report*, no evidence of adverse environmental conditions was observed during the survey of the southern boundary of the Subject Property.

#### EAST

The Subject Property is bordered on the east by 73<sup>rd</sup> Avenue. Further to the east are mixed commercial buildings and residences. No evidence of adverse environmental conditions was observed during the survey of the eastern boundary of the Subject Property.

#### WEST

The Subject Property is bordered on the west by Church Street. Further to the west is an old gas station, converted to Diamond Cleaners (a dry cleaner at 6816 Bancroft Avenue), the Edward Shans Adult School, residences and a small multi-tenant building. Other than the current dry cleaner building, no evidence of adverse environmental conditions was observed during the survey of the western boundary of the Subject Property.

### 3.13 MOLD

Interior areas of the Subject Property buildings to which access was provided, and in which building elements were readily observable, were reviewed for the presence of moisture and visible evidence of microbial development (mold). No observations were conducted within concealed locations (construction elements behind wall and ceiling finishes, and other building components, etc.). No sampling or testing was performed to confirm the presence of invisible airborne microbial elements. In addition to our observation efforts, a questionnaire provided to Subject Property personnel did not indicate the presence of mold, and Subject Property personnel were not aware of the presence of moisture or mold.

Representative Subject Property observations revealed no obvious visual indications of the presence of active moisture or mold activity. Based on the interviews and conditions as observed, mold contamination does not appear to be a concern at the Subject Property.

## 4.0 SUBJECT PROPERTY AND VICINITY HISTORY

### 4.1 PREVIOUS ENVIRONMENTAL REPORTS

*Phase I Environmental Site Assessment, Eastmont Town Center, Oakland, California*, performed by Northwest Envirocon, Inc. (Northwest) of Sacramento, California, dated June 30, 1997. The significant findings of this report are as follows:

- The site was previously occupied by a GM plant manufacturing/assembling automobiles from 1919 to 1964 that included four USTs, an oil house, painting, sanding, assembling, cleaning, and dipping tanks. The mall buildings were constructed from 1968 to 1974. Historically, groundwater contamination had been identified at the mall property and Northwest concluded that the local agency would likely grant case closure in the near future do to the decrease in concentration of the contaminants of concern.
- Four USTs were reportedly installed in 1981 at the British Petroleum (BP) gas station located on the Subject Property. Several groundwater monitoring wells were identified at the gas station and groundwater was reportedly impacted with petroleum.
- USTs were removed from the adjacent former Firestone/Police Station building and environmental investigations were performed from 1985 to 1991. In 1993, the Alameda County Department of Environmental Health issued a No Further Action letter. Hydraulic lifts were identified inside the building.
- One waste oil UST was removed from the former Eastmont Auto Center in 1995 and the Alameda County Department of Environmental Health subsequently issued a No Further Action letter in February 1998 as no significant soil contamination was identified during the UST removal. Ten hydraulic lifts were identified. The Eastmont Auto Center was operating at the time of Northwest's site visit and minor to moderate automotive repair activities were apparent. Various grades of motor oil and antifreeze were identified and waste streams included used oil, used antifreeze, and used oil filters. The products and wastes were reportedly stored in 55-gallon drums and the antifreeze was stored in one 400-gallon AST. No secondary containment was identified. Waste haulers were listed. Minor to moderate surface stains were identified. An oil/water separator was also identified. Northwest reportedly reviewed records at the Alameda County Environmental Health Department and these records indicated the floor drains were sealed and the separator was also drained and sealed. No sampling had been reportedly conducted.
- Sparkle Cleaners was in operation and one closed loop dry cleaning unit was identified. The PCE waste was drummed. No secondary containment or surface stains were reported.
- Results from prior asbestos surveys were discussed, ACMs were identified and are summarized in *Section 3.4* of this *Report*.
- Two wells of unknown disposition were discussed and included an "abandoned industrial well" noted in an October 1993 report to be located in the former IGA market (likely now the Gazzali's Market) and monitoring well MW-2 formerly located west of the Sparkle Cleaners space that had not been "located since the early 1990s." The disposition of these wells was concluded to present a concern.



- Prior major tenants included Thrifty Drug and IGA (now the Gazzali's Market and dd's Discount spaces), theater complex (now the Library and/or the County Public Health Services area), JCPenney (now the Medical Arts Building), and Eastmont Auto Center.
- Several prior environmental investigations were reviewed and reported the following:
  - Three groundwater wells were installed in 1989 and included one near Sparkle Cleaners (MW-2), one near the gas station (MW-3) and one near the former police station/automotive building (MW-4). Petroleum contamination was identified in MW-3 and MW-4 and dry cleaning solvent was identified in MW-4 (contaminant levels and actual chemical names were not provided). These wells were resampled in 1990 and similar results were found.
  - Two groundwater wells were installed adjacent to the former USTs at the former police station/automotive building in 1990 and low levels of contaminants were identified and sampled again later that year which revealed non-detectable concentrations.
  - Four additional wells were installed at the gas station in 1992 and only low concentrations of benzene were found (the report did not state whether this was benzene in the soil or groundwater).
  - Five wells were installed in 1993 as MW-5 through MW-9 around the perimeter of the mall structure and sampled for diesel and gasoline and purgeable halocarbon compounds. It appeared the purpose of these wells was to evaluate potential impact from the former automotive plant. Analysis of soil and groundwater samples revealed no contaminants above the laboratory detection levels.
  - The wells MW-3 through MW-9 were resampled later in 1993 and up to 13,000 parts per billion (ppb) total petroleum hydrocarbons as gasoline (TPHg) and 24 ppb 1,2-dichloroethane was identified in MW-3 near the gas station; 73 ppb TPHg in MW-6 downgradient of the former theaters, and 78 ppb TPHg in MW-7 north of the mall complex.
  - An assessment was performed in 1995 to evaluate the potential impact from the Sparkle Cleaners Station that included soil sampling and no contaminants (halogenated compounds) were detected above laboratory detection levels.
  - Wells MW-5 through MW-9 were sampled in 1995 and analyzed for petroleum hydrocarbons and purgeable halocarbons. Trichlorethene (TCE) was identified in MW-6 at 1.4 ppb.
  - A 1997 Quarterly Groundwater Monitoring Report was reviewed and indicated relatively high amounts of petroleum remained in the soils and groundwater with the highest levels in the vicinity of the past and present USTs.

#### 76 Station, 7210 Bancroft Avenue

*Soil and Groundwater Investigation Workplan Letter Report, Former BP Service Station #11117, 7210 Bancroft Avenue, Oakland, California*, performed by URS Corporation (URS) of Oakland, California, dated November 28, 2003. This report included a discussion of prior activities performed at this parcel and the proposed workplan for additional soil and groundwater characterization and was in response to the Alameda County Health Care Service's request that additional work be performed. According to the October 2004 report as referenced later in this Section, this workplan has not yet been approved. Significant data presented in this letter report is as follows:

- In 1984, the existing USTS were removed and three gasoline USTs and one diesel UST were installed. No documents were found referencing the subsurface conditions during removal nor was a removal report identified.
- In December 1989, one well was installed northwest and near the service station parcel (MW-3) as part of an investigation performed on the mall property and analyzed for TPHg and benzene, toluene, ethyl benzene and xylenes (BTEX). TPHg at 2,700 ppb and benzene at 530 ppb were identified in the groundwater and no soil contamination was identified in samples collected from this well boring above laboratory detection levels.
- In December 1991, two wells were installed at the station and soil samples collected from these borings indicated non-detectable concentrations for TPH and BTEX. Groundwater results were not reported.
- In July 1992, monitoring wells MW-4 (on site) and MW-6 (adjacent to the station) were installed and up to 6,000 ppm TPHg and benzene at 34 ppm were identified in the on-site soil samples. Groundwater results were not reported.
- In September 1994, four soil borings were advanced at/near the former service bays, pump island, dispensers and USTs and TPHg up to 16 ppm and TPHd up to 5,800 ppm were identified in the soil samples. BTEX components were not identified above laboratory detection levels.
- Later in 1994, one on-site well (MW-7) and two off-site wells (MW-8 and MW-9) were installed. Contamination was not detected in the soil samples. Groundwater results were not reported.
- In July 1997, MW-10 was installed off site. Contamination was not detected in the soil samples. Groundwater results were not reported.
- The three gasoline USTs and diesel UST were removed in 1998 and replaced with the current USTs. Soil sampling was conducted in the UST excavation at the time of removal of TPHg up to 5,300 ppm, TPHd up to 800 ppm, benzene up to 0.95 ppm, and MtBE up to 5.3 ppm were detected in the soil samples. Soil samples were also collected from the dispenser line piping and up to 7,200 ppm TPHg, TPHd up to 190 ppm, and MtBE up to 15 ppm were identified. Approximately 389 tons of impacted soil were removed.
- In April 1999, a groundwater recovery test was performed and in November 1999, extraction wells EX-1 and EX-2 were installed. The interim extraction system was operated March-April 2000 and removed 10,900 gallons and groundwater and produced decreasing concentrations in groundwater wells.
- In October-November 2001, a dual-phase soil vapor and groundwater extraction pilot test was performed. A total of 6,500 gallons of water were extracted and this pilot test proved the system to be feasible and in 2002 the Alameda County Health Care Services (ACHCS) approved the Corrective Action Plan (CAP).
- Additional investigation was proposed and included the installation of 12 soil borings to more thoroughly define the extent and source of contamination and define the extent of the groundwater plume.

In conclusion, Atlantic Richfield (ARCO – A British Petroleum affiliate), has been identified as the Responsible Party in connection with this LUFT case and additional subsurface investigation and continued groundwater monitoring and remediation are required by the regulatory authority. Soil and groundwater contamination remain in place and groundwater contamination has migrated away from the service station parcel as detected in wells located on the mall property.

*Third Quarter 2004 Groundwater Monitoring Report, Former BP Service Station #11117, 7210 Bancroft Avenue, Oakland, California*, performed by URS Corporation (URS) of Oakland, California, dated June October 5, 2004. The significant findings of this report are as follows:

- This report indicates that groundwater monitoring is on-going and currently requires the following monitoring schedule: Wells EX-1, EX-2, MW-1, MW-2, MW-4, MW-6, MW-7 and MW-10 are monitored quarterly; Wells MW-9 and MW-3 semi annually; Well MW-8 is monitored annually.
- The groundwater gradient is to the northeast at a rate of 0.010 feet per foot and depth to groundwater ranged from 17.75 to 23.16 feet below surface grade (bsg).
- Gasoline Range Organics (GRO) were detected in three out of ten wells from 13,000 to 99,000 ppb.
- Benzene was detected in four wells at 210 to 10,000 ppb.
- Methyl tert-butyl ether (MtBE) was detected in nine wells from 0.50 ppb to 14,000 ppb.
- Tert-Amyl methyl ether (TAME) was detected in one well at 3.4 ppb

#### 1 Eastmont Mall, Oakland, CA

*Remedial Action Completion Certification, 1 Eastmont Mall, Oakland, California* dated April 16, 1998 by Alameda County Health Care Services. Granted closure for one 500-gallon waste oil tank removed October 23, 1995. This document included a Case Closure Summary that provided the following information:

- In 1916, the site was occupied by the Chevrolet Fisher Body Plant and five USTs were in use that included one 12,000-gallon gasoline, one 12,000-gallon waste oil, one 13,000-gallon fuel oil, one 10,000-gallon kerosene, and one 13,000-gallon oil UST. The plant was demolished in 1965 and the mall was constructed in 1969.
- Subsurface contamination was identified in four areas of the site to include the former JCPenney/Firestone building; Sparkle Cleaners; BP/Current 76 Station; and Eastmont Auto Center. The 1998 Closure Letter only granted closure for the Sparkle Cleaners and Eastmont Auto Center as the former JCPenney/Firestone building and 76 Station are treated as two separate site cases.
- The results presented in Envirocon's 1997 report were reiterated and the case closure report summarized that wells MW-5 through MW-9 were sampled for seven quarters without detecting hydrocarbon contamination except for very low levels of TPHg, benzene and TCE in one event. The groundwater flow was stated to be west-northwest. It appeared "that the UST[s] operated by the former auto assembly plant and dry cleaner did not adversely impact the groundwater..."
- Soil contamination was not found beneath the Sparkle Cleaners space in an October 1995 investigation.

- The 500-gallon waste oil UST was removed from the Eastmont Auto Center in October 1995 and a soil sample collected from the center of the excavation pit identified elevated TPH as diesel (TPHd) and TOG. Halogenated and semi volatile organic compounds were not detected. One to two feet of soil was over excavated and post sampling showed up to 1,300 ppm non-polar oil and gas and 610 ppm motor oil remained.
- In April 1996, three soil borings were placed near the former waste oil UST to 40 feet bsg. Soil samples were collected and no hydrocarbons were detected in the soil samples. TPH as motor oil was detected in one out of three groundwater samples at 4,300 ppb and the laboratory indicated this contaminant resembled lubricating oil and not motor oil. This contamination appeared to be limited as none was detected in downgradient well MW-9 (approximately 200 feet away) and the County concluded further sampling was not warranted.

*Drilling Permit 98WR068m Groundwater Monitoring Well Decommissioning, 1 Eastmont Mall, Oakland, California*, March 27, 1998, Microsearch Environmental Corporation. This letter states that wells DM-1, DM-2, MW-2, MW-4, MW-5, MW-7, MW-8 and MW-9 were decommissioned in accordance with California well standards and under permit procedures. No MW-1 well was presented in a 1993 map and is assumed to have been decommissioned at an earlier date. MW-3 is located at/near the 76 Station and remained for continued monitoring. MW-6 was located by the Professional Building and its disposition was not confirmed.

#### Adjacent Former Firestone/Police Building

According to the reports referenced above, the USTs at this site were removed from the vacant former Firestone/Police Station building and environmental investigations performed in 1985 to 1991. In 1993, the Alameda County Department of Environmental Health issued a No Further Action letter. Hydraulic lifts were identified inside the building and are assumed to remain. This site is located on Parcel A, according to Tentative Parcel Map 7755, and is not part of this assessment. Demolition and redevelopment of this parcel is planned.

#### 4.2 FIRE INSURANCE MAPS

EBI accessed the website <http://sanborn.umi.com/> to review Sanborn Fire Insurance Maps for the Subject Property and maps dated 1925 and 1952. The majority of the site was occupied by the “Fisher Body St. Louis Company Oakland Plant assembling closed car bodies for Chevrolet Autos.” Several buildings and areas were labeled and indicated sanding, painting, and finishing activities were conducted with the aid of conveyor lines and ovens. Three tanks were shown as associated with the boilers and are assumed to have been fuel oil tanks (sizes not indicated), and one 13,000-gallon gasoline UST and one 12,000-gallon motor oil UST were also shown generally at the central, northern side of the Subject Property and likely in the location of the current main mall structures. Railroad spurs were also present. Both maps were similar to each other.

The prior Phase I report referenced in *Section 4.1* of this *Report*, included review of Sanborn maps not available on the website accessed by EBI and were dated 1959, 1960, 1966, 1968 and 1969. The notable land uses identified on these maps included continued use as the automotive plant in the 1959 and 1960 maps with complete removal of the plant by 1966. A single-story commercial structure with an attached auto service center (current market, dd’s discount and former Eastmont Auto structure) were shown with an “Oakland Public Schools” building on the northern side in 1966. By 1968, the commercial structure was enlarged and included a bank, mall area and restaurant. A gas station was shown on the southern corner (the current 76 Station location) and the school building is no longer present. The pad structures along Bancroft Avenue were present in the 1969 map.

#### 4.3 HISTORIC AERIAL PHOTOGRAPHS

EBI reviewed aerial photographs of the Subject Property dated 1946, 1958, 1965, 1974 and 1980 at the USGS Western Regional Library in Menlo Park, California. In addition, aerial photographs dated 1993 and 2004 were obtained from the website <http://www.terraserver.com/>.

The automotive plant is present on the Subject Property in the 1946 and 1958 aerials. The northwestern one-fourth of the site is occupied by a parking lot with the plant on the remaining area and a railroad spur along Bancroft Avenue. Several large buildings are present. Residences and some vacant land appear to surround the site at that time. The plant is generally gone in the 1965 photograph with one small building remaining on the northern side.

The Subject Property is generally developed as it currently exists in the 1974 and 1980 aerials except that the current Burger King and McDonald's buildings are not yet present. Surrounding land uses appear similar to their current uses. The Burger King building is present in the 1993 aerial and the McDonald's building is present in the 2004 aerial.

#### 4.4 CITY DIRECTORIES

Historical city directories were not reviewed as other historical sources were accessed to substantiate prior on-site land uses.

#### 4.5 INTERVIEWS

The following information was provided by individuals contacted by EBI in connection with the Subject Property.

INTERVIEW COMMENTS		
CONTACT	RELATION TO SUBJECT PROPERTY	DETAILS OF CONVERSATION
Mr. Bob Bridwell	Eastmont Properties Company, LLC	Mr. Bridwell provided several prior environmental reports and also stated that they have not been able to find the industrial well referenced in a 1993 report in the back of the former IGA store. He stated that it may have been incorrectly identified as MW-9 as it was located near this space. To his knowledge, there are currently no active monitoring wells on the mall property except for those associated with the 76 Station. He further stated that Sparkle Cleaners is the only cleaners that has operated on the site to his knowledge.

## 5.0 REGULATORY INFORMATION

### 5.1 PROCEDURE

A review of databases maintained by state and federal offices was completed through Environmental FirstSearch. The databases were searched for properties with reported environmental issues within radii specified by ASTM Standard E 1527-00, by using geocoding information that identified the coordinates of the properties in the databases or by checking the street addresses of practically reviewable non-geocoded “orphan” properties within the same zip code. The database report is included as an appendix to this *Report*.

The database report identified four “orphan sites.” Orphan sites are those facilities, which could not be automatically mapped or geocoded due to inadequate location information. EBI attempted to locate the facilities via vehicular reconnaissance and interviews with personnel familiar with the area. Based on this research, none of the Orphan sites appeared to be located within the respective search radii for the various databases.

It should be noted that plotted locations of listed properties are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, EBI uses the best available data when evaluating the location of listed properties discussed below.

### 5.2 FEDERAL OFFICE RECORDS

#### **NATIONAL PRIORITY LIST (NPL) FACILITIES**

The NPL Report, also known as the Superfund List, is an EPA listing of the nation’s worst uncontrolled or abandoned hazardous waste facilities. Listing as a Superfund Site is primarily based on a score that the facility receives from the EPA’s Hazard Ranking System. These facilities are targeted for possible long-term remedial action under the Superfund Act. The NPL indicated that no listed sites are located within one mile of the Subject Property.

#### **COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM (CERCLIS) AND CERCLIS - NO FURTHER REMEDIAL ACTION PLANNED (CERCLIS-NFRAP) FACILITIES**

CERCLIS is a compilation of the facilities EPA has investigated or is currently investigating for a release or threatened release of hazardous substances. The updated EPA Superfund Program CERCLIS List indicates that no CERCLIS facilities are located within a one-half mile radius of the Subject Property.

#### **CORRECTIVE ACTION TRACKING SYSTEM (CORRACTS)**

CORRACTS is a list of facilities that are found to have had hazardous waste releases and require Resource Conservation and Recovery Act (RCRA) corrective action activity, which can range from site investigations to remediation. According to the CORRACTS list, no CORRACTS sites are located within a one-mile radius of the Subject Property.

#### **RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM (RCRIS)**

The RCRIS report of hazardous waste generators and treatment, storage, and disposal (TSD) facilities contains information pertaining to facilities that are required to register their hazardous waste activity under RCRA). According to the RCRIS list, no RCRA TSD facilities are located within one-half mile of the Subject Property.

RCRA hazardous waste generators are identified as Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQG). RCRA LQGs are identified as those facilities, which generate at least 1,000 kilograms (2,200 pounds) of non-acutely hazardous waste (or 1 kilogram of acutely hazardous waste) monthly. RCRA SQGs are identified as those facilities that generate less than 1,000 kilograms of non-acutely hazardous waste monthly. According to the RCRIS list, the Subject Property was identified. No adjacent sites were listed. Data for the Subject Property is as follows:

RCRIS GENERATOR SITES		
NAME / ADDRESS	DISTANCE / DIRECTION / GRADIENT	AVAILABLE DATA
TOSCO Northwest Co. No. 11117 7210 Bancroft Avenue	SUBJECT PROPERTY	This facility is listed as a SQG and no violations were reported.

TOSCO is another named operator of the current 76 Station. Data regarding this on-site gas station was previously discussed in Section 4.1 of this Report.

#### EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)

The ERNS is a national database used to collect information on reported releases of petroleum products or hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the U.S. Coast Guard, the National Response Center and the U.S. Department of Transportation. A review of this database was made in order to determine if any spills or incidents involving releases of petroleum products or hazardous substances have occurred at the Subject Property. According to this updated ERNS database, the Subject Property is not on file as being a release site.

### 5.3 STATE OFFICE RECORDS

#### STATE HAZARDOUS WASTE FACILITIES SITES

The state-equivalent NPL sites list (State Sites) was researched for sites within a one-mile radius and the state-equivalent CERCLIS sites list (Spills) for sites located within one-half mile of the Subject Property. Two off-site facilities were identified as follows:

STATE SITES		
NAME / ADDRESS	DISTANCE / DIRECTION / GRADIENT	AVAILABLE DATA
Ace Hardware School Site Voluntary Cleanup Program listing 6733 Foothill Boulevard	0.20 mile northwest, downgradient	The site was occupied by homes and two generations of gas stations. A workplan has been generated and the site owners/operators agreed to implement a voluntary cleanup process.
Mary Sims Property 1091 71 <sup>st</sup> Avenue	0.90 mile southwest, upgradient	Site was previously an automotive repair site. Assessment is required.

These two sites do not present a concern to the Subject Property based on the downgradient location or distance from the Subject Property.

#### LEAKING UNDERGROUND STORAGE TANKS (LUSTs)

According to the state LUST site list, eleven LUST sites, including the Subject Property, are located within a one-half mile radius of the Subject Property as follows:

LEAKING UNDERGROUND STORAGE TANK FACILITIES			
NAME / ADDRESS	DISTANCE / DIRECTION / GRADIENT	REPORT DATE / SUBSTANCE / MEDIA AFFECTED	STATUS
BP 7210 Bancroft Ave	SUBJECT PROPERTY	See Section 4.1	Listed as Preliminary Site Assessment
Eastmont Mall Nor 1 Eastmont Mall	SUBJECT PROPERTY	See Section 4.1	Listed as Preliminary Site Assessment
Eastmont Mall JCPenney 1 Eastmont Mall	SUBJECT PROPERTY	See Section 4.1	Listed as Case Closed
Chevron 7225 Bancroft Ave	Adjacent to the south across Bancroft, upgradient	1996, gasoline, "other" media impacted	Leak Being Confirmed
Eastmont Auto Goodyear 7250 Bancroft Ave (see below)	Northeastern corner of mall site, excluded from Subject Property, downgradient	See Section 4.1	Listed as Leak Being Confirmed
Firestone 1 Eastmont Mall (duplicate of above listing)	Northeastern corner of mall site, excluded from Subject Property, downgradient	See Section 4.1	Listed as Case Closed
Better Homes Realty 6821 Foothill Blvd.	One block northwest, downgradient	1990, waste oil, soil only	Case Closed
Oakland Fire Station 7100 Foothill Boulevard	Adjacent to north across Foothill Boulevard, downgradient	1990, gasoline, undefined	Case Closed
Beacon 6600 Foothill Blvd.	0.20 mile northwest, downgradient	1999, gasoline, "other" media impacted	Leak being confirmed
Cecil Reeves 6436 Foothill Blvd.	0.25 mile northwest, downgradient	1991, gasoline, undefined	Case Closed

The groundwater conditions underlying the Subject Property were evaluated and the findings were previously discussed in Section 4.1. None of the prior reports reviewed presented the opinion that off-site sources had impacted the Subject Property. Furthermore, most of the cases indicate the status to be case closed and/or soil only and as such, it does not appear that these off-site facilities present a concern to the Subject Property.

#### STATE REGISTERED ABOVEGROUND AND UNDERGROUND STORAGE TANKS (ASTs/USTs)

According to the state UST database, two UST facilities were identified on the mall property. These listings include TOSCO/BP at 7210 Bancroft Avenue (the current 76 Station) and Firestone at 2701 73<sup>rd</sup> Avenue (northeast corner of mall excluded from the Subject Property) and data regarding these listings was previously discussed in Section 4.1. A third site was listed within a one-fourth mile radius and includes Chevron at 7225 Bancroft Avenue that was previously discussed on the LUST List above.



### **SOLID WASTE LANDFILLS**

According to the State Active List of Solid Waste Landfill facilities, no reported landfill sites are located within one-half mile of the Subject Property.

### **OTHER DATABASES**

Other non-ASTM databases were searched and presented in this database report and include FINDS, Permits, Wetlands and Soils. No additional sites were listed.

## **5.4 LOCAL OFFICE RECORDS**

The Alameda County Environmental Health Department is the lead agency for hazardous materials and UST oversight. Given the complexity of this project and the numerous listed cases, a formal file review was not conducted. However, the current status of the environmental concerns and regulatory oversight were discussed in *Section 4.1* of this *Report*.

## 6.0 FINDINGS AND OPINIONS

EBI has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1527-00 of the Subject Property. Any exceptions to, or deletions from, this practice are described in *Section 1.0* of this *Report*. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property except for the following:

- A gas station currently operates on the southern portion of the Subject Property as the 76 Station at 7210 Bancroft Avenue. A gas station has operated in this location since approximately 1968 and unauthorized releases have occurred resulting in elevated soil and groundwater contamination. Several groundwater monitoring wells are located on and adjacent to the gas station and indicate the direction of groundwater flow is northerly and toward the Subject Property mall development. The site is currently conducting quarterly groundwater monitoring and is required to conduct additional soil and groundwater investigations to further evaluate the extent of contamination and to implement active soil and groundwater remediation. ARCO has been named the Responsible Party and is working with the Regional Water Quality Control Board and Alameda County Environmental Health Department to conduct the required work. No further action is recommended at this time.
- Eastmont Auto formerly operated at the southern portion of the existing mall retail building located adjacent and east of the 76 Station. Eastmont Auto reportedly operated at the mall from the late 1960s to the 1990s. Case closure was granted for the removal of a former waste oil UST at this location. However, EBI did not identify previous subsurface investigation(s) that addressed the potential for a release of hydraulic fluid from the inactive hydraulic lifts located inside the building or potential release of petroleum contaminants from the inactive clarifier associated with this former auto service facility. Based on the age of the lifts, there is a potential for the hydraulic oil to have contained PCBs. Refer to Section 7.0 for recommendations concerning the former Eastmont Auto facility.
- Sparkle Cleaners has operated dry cleaning equipment continuously for the last 15-years. The date of the last reported subsurface assessment related to the dry cleaner was 1997. EBI cannot comment on the condition of the subsurface beneath and in the immediate vicinity of the existing dry cleaner tenant space since 1997. However, with that said, visual observations of a potential release of PCE (e.g. floor stains, solvent damaged floor tile, etc.) were not observed at the dry cleaner tenant space. Therefore, based on the relatively recent history of dry cleaning operations conducted without subsurface assessment (since 1997) combined with the lack of evidence of improper chemical handling practices, no further investigations appear warranted at this time.
- Secondary containment was not observed beneath the dry cleaning unit or the storage drums containing waste dry cleaning residue. In addition, cracks were observed in the concrete flooring. Refer to Section 7.0 for recommendations.
- Two wells of unknown disposition were reported in a prior ESA report (1993) and included an “abandoned industrial well” located at the former IGA market and monitoring well MW-2 formerly located west of the Sparkle Cleaners space. The Subject Property representative, Mr. Bridwell, informed EBI that a search for the suspected industrial well and monitoring well was unsuccessful. Based on this information, no further action is recommended at this time.

The following historical and resolved RECS were also identified:

- A Chevrolet auto body assembly plant formerly operated on the Subject Property from the early 1900s to the early 1960s. LUSTs were removed from the facility and subsurface assessments were completed. The regulator determined “no further action” in 1998. No further action is recommended at this time.
- Sparkle Cleaners has operated on the site for at least 15 years. Prior soil and groundwater investigations reported no significant impact to the subsurface as recent as 1997. No further action with regards to the assessment of the subsurface at Sparkle Cleaners was determined in 1998 by Alameda County Health Care Services. No further action is recommended at this time with regards to historic dry cleaning operations.

The following non-ASTM conditions were also evaluated:

- Various friable and non-friable ACMs are present at the Subject Property. The Eastmont Town Center management has an Asbestos Operations & Maintenance (O&M) Program in place and conducts quarterly visual and air quality monitoring of select locations. Refer to Section 7.0 for recommendations.

## 7.0 RECOMMENDATIONS

The following actions are recommended:

- EBI recommends a Phase II subsurface investigation be conducted to address the potential release of contaminants from the inactive hydraulic lifts and oil/water separator located at the site of the former Eastmont Auto space. Estimated cost: \$5,000.00-\$7,000.00
- EBI recommends the continued implementation of the existing Asbestos Operations and Maintenance (O&M) Plan for the Subject Property. This O&M Plan provides the procedures and guidelines that, when used during facility cleaning, maintenance, and general operations, will minimize human exposure to asbestos fibers and minimize release of asbestos fibers to the environment. This O&M Plan is a long term management approach.
- EBI recommends repairing the floor cracks and the installation of secondary containment beneath the dry cleaning unit and waste storage drums. Secondary containment will reduce the potential for an accidental release of dry cleaning solvent to migrate into the subsurface and adversely impact the Subject Property.

## 8.0 REFERENCES

A number of sources were contacted during the preparation of this *Report*. The following individuals were interviewed, and state, county or local municipal departments consulted. Documentation applicable to the Subject Property in those departments was requested and reviewed when and where reasonably ascertainable, as detailed in ASTM E-1527-00. Individuals listed without phone numbers were contacted in person or by e-mail.

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT REFERENCES					
RESOURCE	ADDRESS	CONTACT	INFORMATION PROVIDED	PHONE OR WEB	DATE
USGS Western Region Library	Menlo Park, CA	N/A – over the counter	Aerial Photographs and historical topographic maps	N/A	10/19/04
First Search Technology Corporation	Boston, MA	N/A	Federal, state and local databases	781-320-3720	10/11/04
TransAmerica Flood Hazard Certification	N/A	N/A	Flood zone information	<a href="http://www.floodinsights.com/">www.floodinsights.com/</a>	10/11/04
Bob Bridwell	On-site	Eastmont Town Center	Prior environmental reports, site access	510-632-1131	10/19/04
Sanborn Fire Insurance Maps	N/A	N/A	Maps dated 1925 and 1950	<a href="http://sanborn.umi.com">http://sanborn.umi.com</a>	10/25/04
Aerial photographs	N/A	N/A	1993 and 2004	<a href="http://www.terraserver.com">http://www.terraserver.com</a>	10/25/04

**APPENDIX A**  
**PHOTOGRAPHS**



1. Southwest side of Subject Buildings.



4. Entrance E on the north side of site.



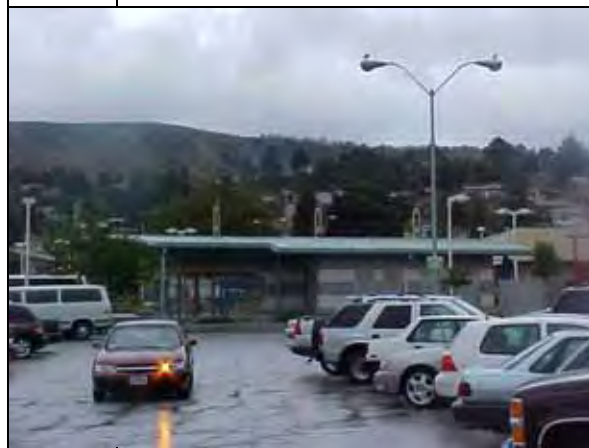
2. South side of Police Building on site.



5. Former JCPenney building – northern side of site.



3. North side of Police Building on site.



6. Parking lot and bus transit in the background on the Subject Property.



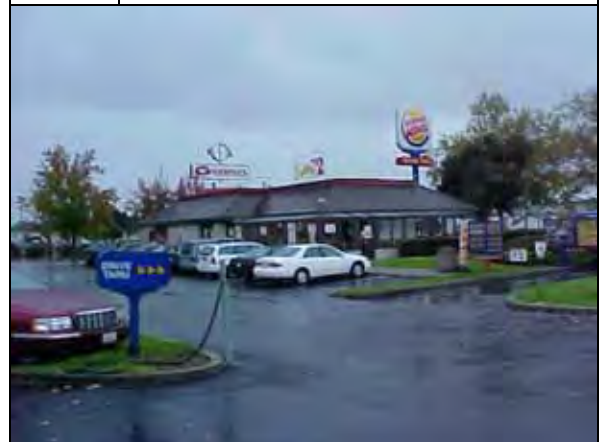
7. Entrance to Wellness Center.



10. View of pad buildings on the west side of the site.



8. Northwest side of Subject Property.



11. View of Burger King on the site.



9. Second view of northwest side of Property.



12. Auto Zone building under construction on the site.

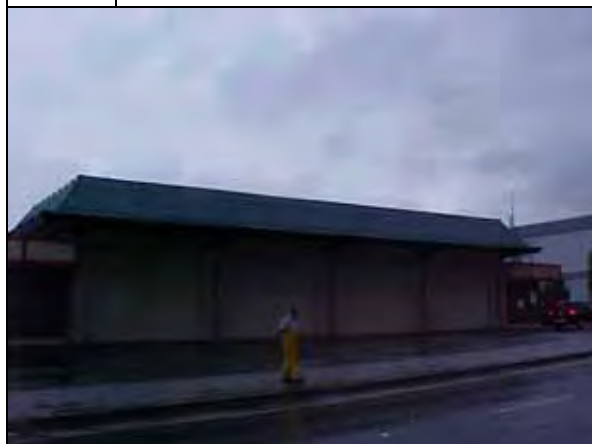




**13.** 76 Station on the site.



**16.** Auto lifts associated with former Eastmont Auto.



**14.** Former Eastmont Auto on the site.



**17.** Upper parking deck with McDonald's building in the background.



**15.** Clarifier associated with the former Eastmont Auto.



**18.** Interior of main mall.



19. Typical SHARPS container.



22. Non-hazardous saline solution used at dialysis center on the site.



20. X-ray equipment at Ambulatory Care.



23. View of poor housekeeping at Sparkle Cleaners – indicative of conditions throughout the space.



21. Primary biohazardous waste storage area at Medical Arts Building.



24. Adjacent residential area across 73<sup>rd</sup>.

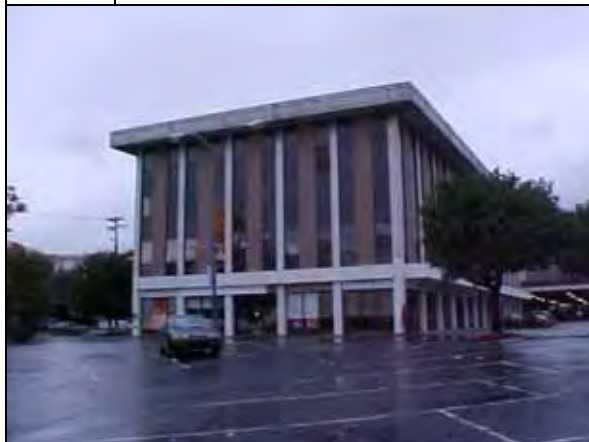




**25.** Diamond Cleaners adjacent to west-northwest.



**28.** Former McDonald's Restaurant across Church Street.



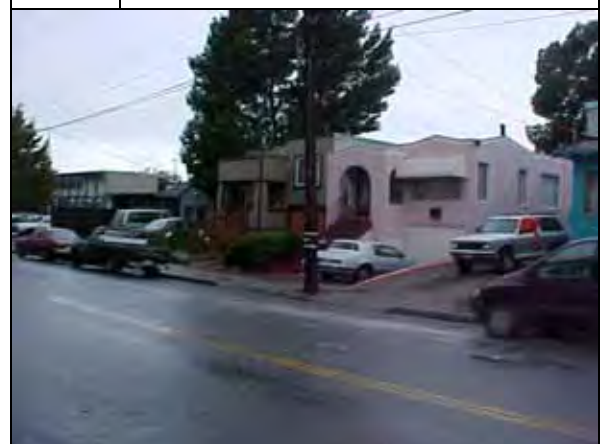
**26.** Professional Office Building on the mall but not part of the Subject Property.



**29.** Small retail center across Church Street.



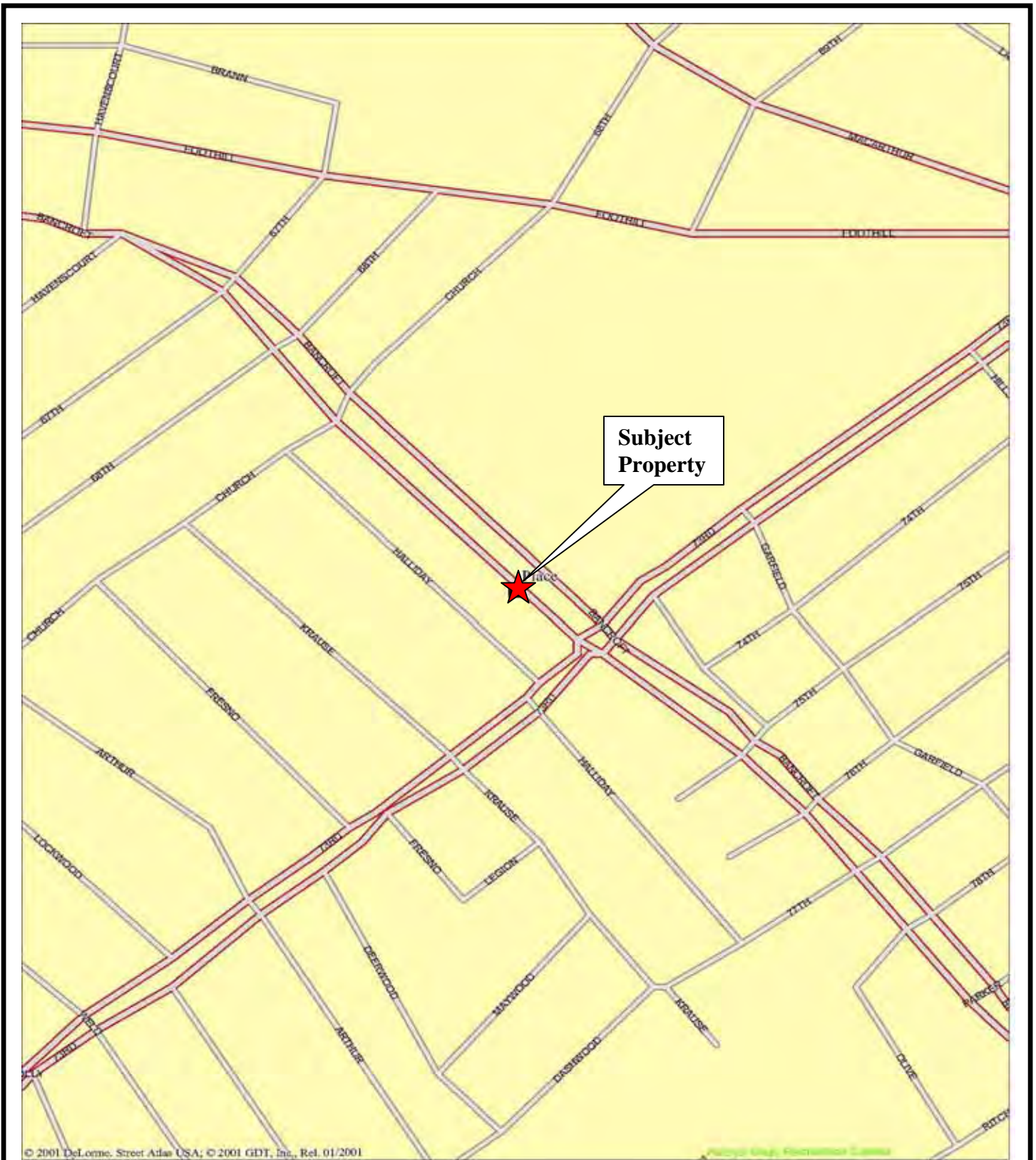
**27.** New residential development under construction across Foothill Boulevard.



**30.** Adjacent residential area across Church Street.

## **APPENDIX B**

### **FIGURES, DRAWINGS AND MAPS**



**Figure 1: Location Map**

**24-2778  
EASTMONT TOWN CENTER  
7200 BANCROFT AVENUE  
OAKLAND, CALIFORNIA**







**Figure 2: Locus Map**

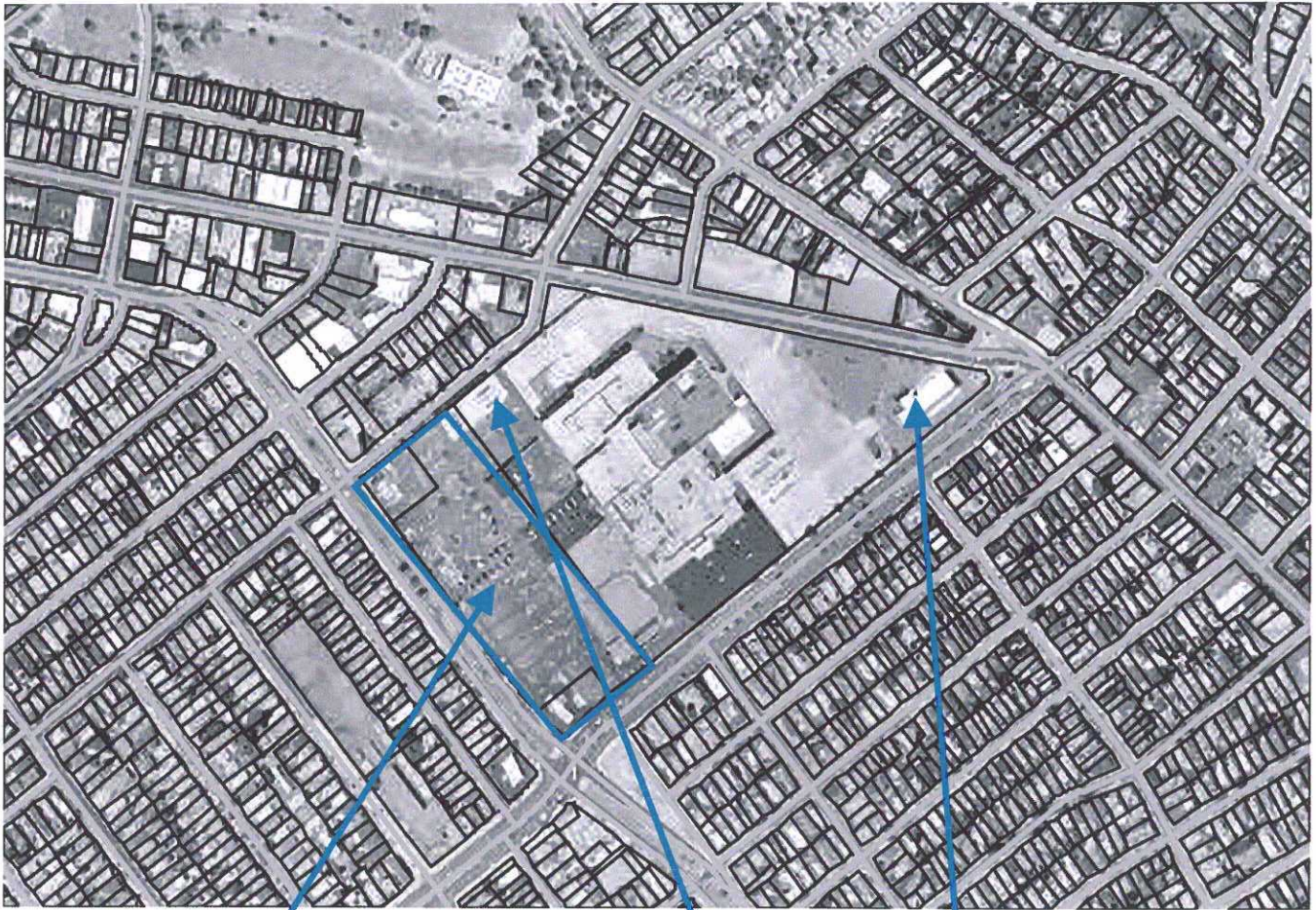
A portion of the Oakland East, CA  
 USGS 7.5x15 Minute Quadrangle Scale 1:24,000

**24-2778**  
**EASTMONT TOWN CENTER**  
**7200 BANCROFT AVENUE**  
**OAKLAND, CALIFORNIA**









Reportedly excluded and includes three parcels – the larger one and two at each corner. These parcels are occupied by Taco Bell, Donut Shop, Gas Station and Auto Zone pad site that is under construction.

Reportedly excluded but not a separate parcel. Was formerly a JCPenney/Firestone automotive facility.

The black lines are parcel lines as shown by the Oakland City's GIS web-based mapping system.

Reportedly excluded but not a separate parcel. This is a 98% vacant office building.



# TENTATIVE PARCEL MAP 7755

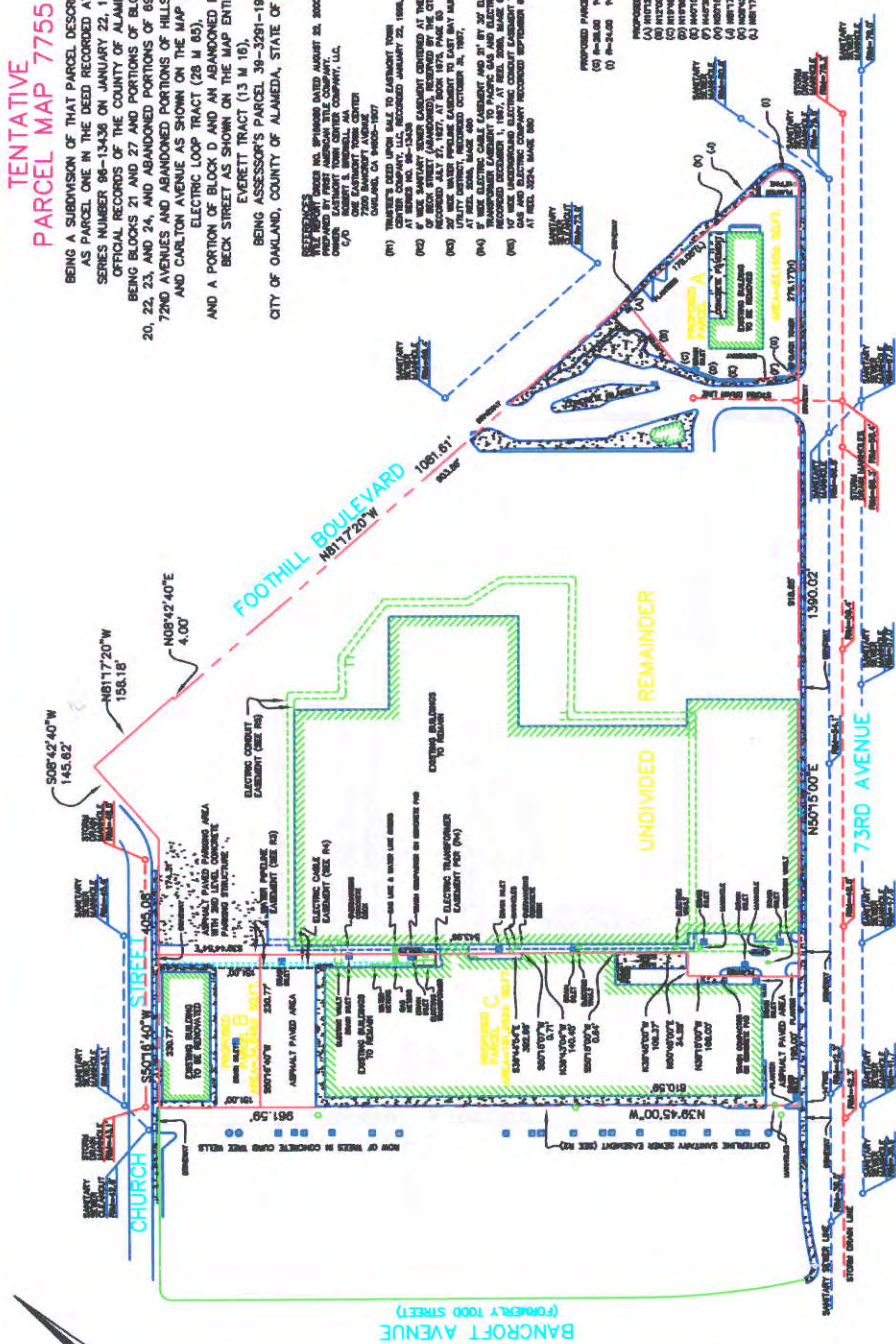
BEING A SUBDIVISION OF THAT PARCEL DESCRIBED AS PARCEL ONE IN THE DEED RECORDED AT SERIES NUMBER 98-13436 ON JANUARY 22, 1996, OFFICIAL RECORDS OF THE COUNTY OF ALAMEDA, BEING BLOCKS 21 AND 27 AND PORTIONS OF BLOCKS 18, 20, 22, 23, AND 24, AND ABANDONED PORTIONS OF HILLSIDE STREET AND CARLTON AVENUE AS SHOWN ON THE MAP ENTITLED "ELECTRIC LOOP TRACT (28 M 85), EVERETT TRACT (13 M 16), AND A PORTION OF BLOCK D AND AN ABANDONED PORTION OF BECK STREET AS SHOWN ON THE MAP ENTITLED "EVERETT TRACT (13 M 16), BEING ASSessor'S PARCEL 39-3281-19 CITY OF OAKLAND, COUNTY OF ALAMEDA, STATE OF CALIFORNIA

PREPARED BY FIRST AMERICAN TITLE COMPANY, 1000 CALIFORNIA STREET, SUITE 100, OAKLAND, CA 94612-1000  
 PREPARED FOR THE CITY OF OAKLAND, 1000 CALIFORNIA STREET, SUITE 100, OAKLAND, CA 94612-1000  
 C/O 7200 MARSHWAY AVENUE, OAKLAND, CA 94620-1927

(P1) TRACTS USED UPON SALE TO EASTBAY TOWN AT SERIES NO. 98-13436 RECORDED JANUARY 22, 1996  
 (P2) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED JULY 27, 1927, AT BOOK 1876, PAGE 25  
 (P3) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927  
 (P4) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927  
 (P5) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927  
 (P6) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927  
 (P7) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927  
 (P8) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927  
 (P9) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927  
 (P10) THE PARTIAL AND/OR CANTONMENT CANTONMENT AT THE CORNER OF HILLSIDE STREET AND CARLTON AVENUE RECORDED OCTOBER 24, 1927

PROPOSED PARCEL A CURVE TABLE  
 (A) 9-36.00 14-07.20° L=24.87  
 (B) 9-36.00 14-32.20° L=24.87

PROPOSED PARCEL A LINE TABLE  
 (A) INTERSECT 28.10°  
 (B) INTERSECT 28.10°  
 (C) INTERSECT 28.10°  
 (D) INTERSECT 28.10°  
 (E) INTERSECT 28.10°  
 (F) INTERSECT 28.10°  
 (G) INTERSECT 28.10°  
 (H) INTERSECT 28.10°  
 (I) INTERSECT 28.10°  
 (J) INTERSECT 28.10°



NOTES:  
 1. ALL AREAS ARE SHOWN IN ORANGE RED  
 2. ALL ELEVATIONS SHOWN ARE BASED ON CITY OF OAKLAND DATUM  
 3. THE NORTH CORNER OF THE TRACT IS LOCATED AT THE INTERSECTION OF THE NORTH CORNER OF THE TRACT AND THE NORTH CORNER OF THE TRACT  
 4. ELEVATION = 88.78'



## SITE PLAN



BANCROFT AVENUE

FOOTHILL BLVD.

T3RD AVENUE

73RD & BANCROFT AVENUES  
OAKLAND, CALIFORNIA

[illegible]

DATE	6-1-04
SCALE	as noted
DRAWN	P.A.H.
JOB	0206
SHEET	A1
OF 4 SHEETS	

**000000**



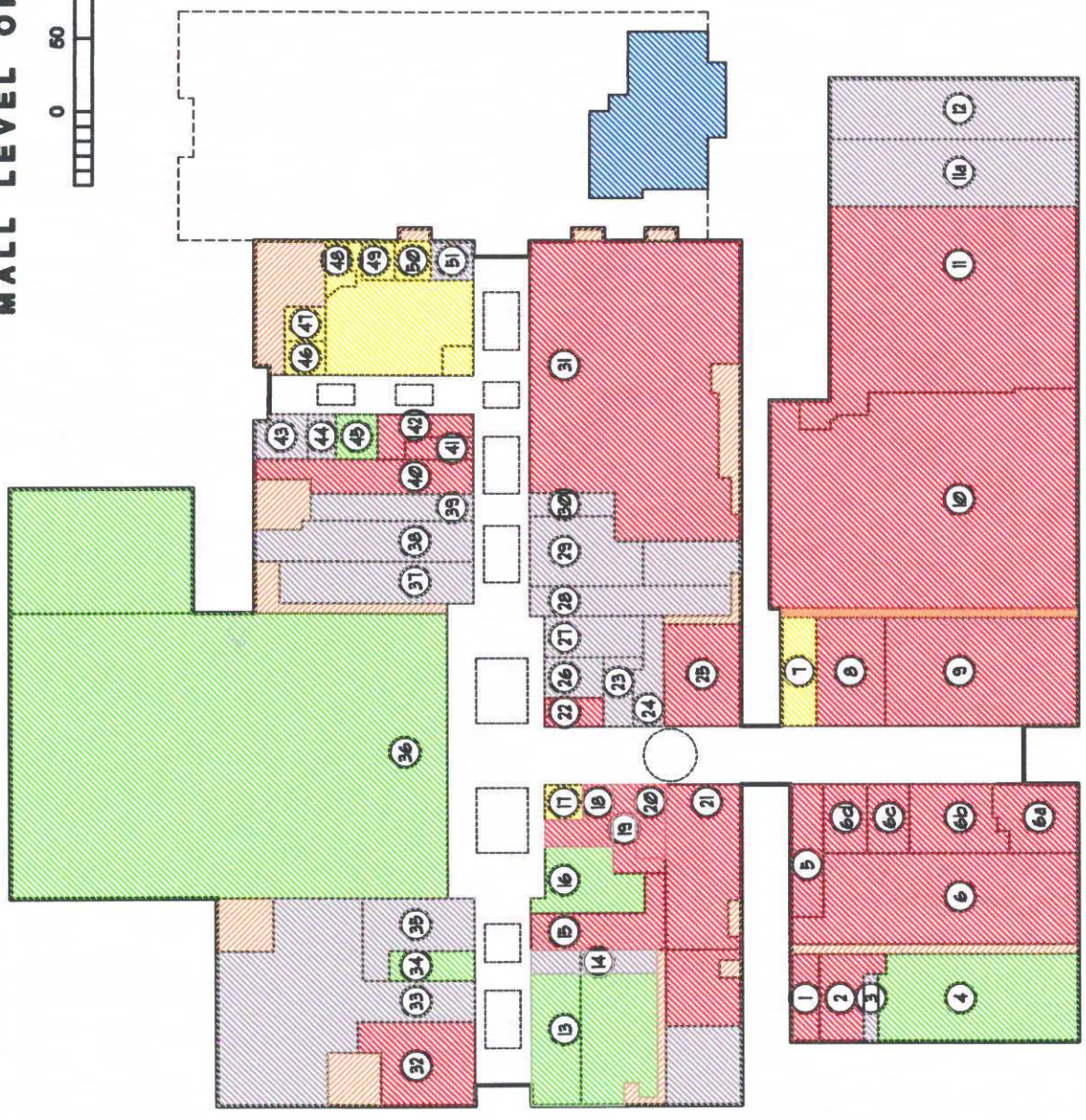
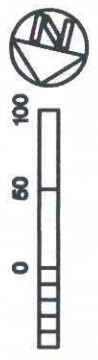
BY	
REVISIONS	

**EASTMONT TOWN CENTER**  
 73RD & BANCROFT AVENUES  
 OAKLAND, CALIFORNIA

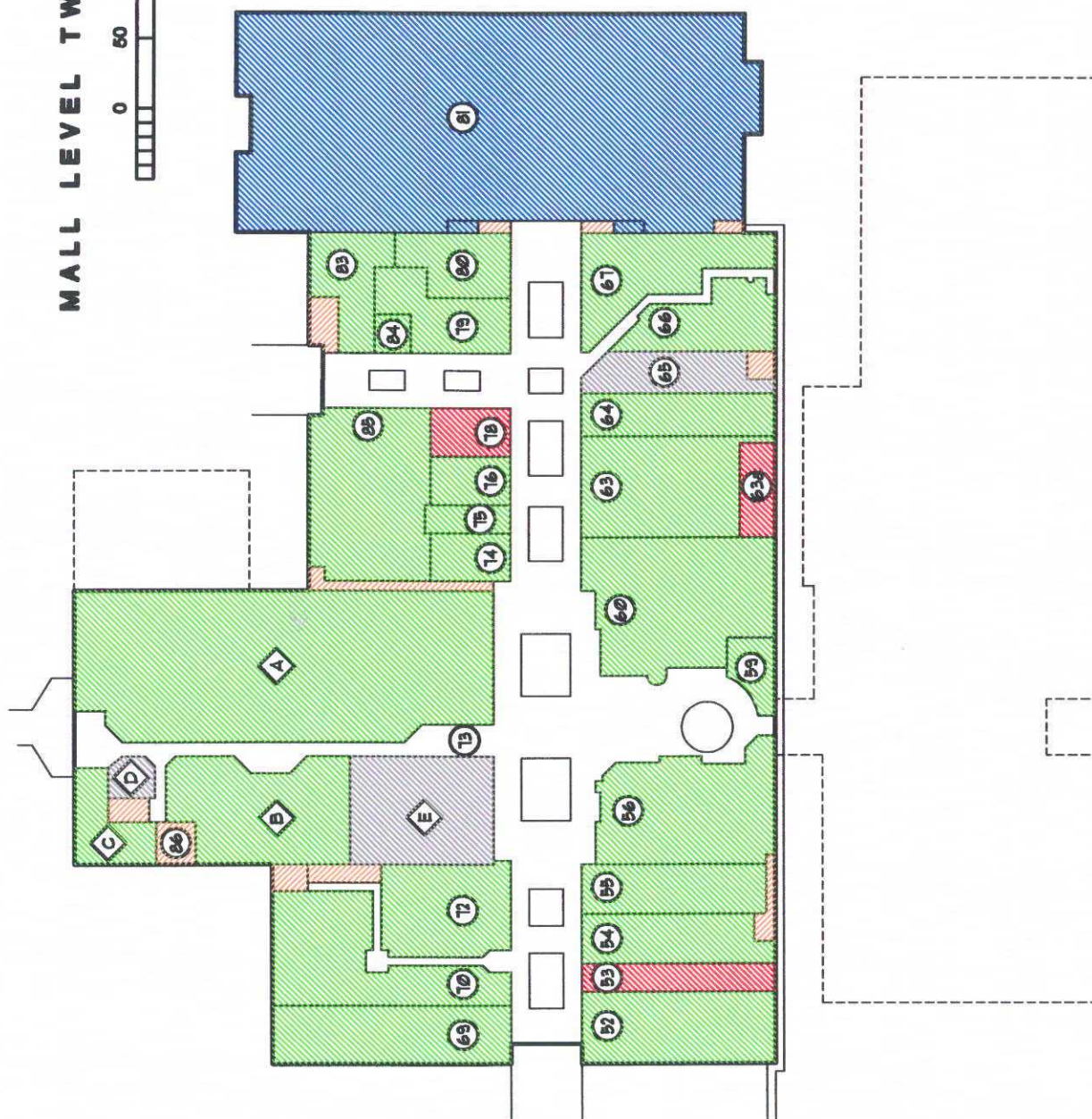
**HAVILAND**  
 ASSOCIATES  
 ARCHITECTS  
 1730 BROADWAY, SUITE 200  
 OAKLAND, CA 94612-3014  
 PHONE (415) 778-0000  
 FAX (415) 778-0001

DATE	6-1-84
SCALE	AS NOTED
DESIGNER	PAH
DATE	6/2/84
SHEET	<b>A2</b> OF 4 SHEETS

**MALL LEVEL ONE**







REVISIONS	BY

EASTMONT TOWN CENTER  
73RD & BANCROFT AVENUES  
OAKLAND, CALIFORNIA

HAVILAND ASSOCIATES ARCHITECTS  
FIRM: A. HAVILAND, PRA  
17 BANCROFT AVENUE  
OAKLAND, CA 94612-1011  
TEL: (415) 764-0000 FAX: (415) 764-0001

DATE	6-11-84
SCALE	AS NOTED
DRAWN	PAH
APP	07/06
SHEET	A4
	OF 4 SHEETS

MALL LEVEL ONE LEASE PLAN	MALL LEVEL TWO LEASE PLAN	PROFESSIONAL BUILDING
<p>1 CAC Check Cashing</p> <p>2 Sparkle Cleaners</p> <p>3 Available</p> <p>4 Bank of America</p> <p>5 Fantasy Gifts</p> <p>6 Best Price</p> <p>7 Athletes Foot</p> <p>8 Brothers Clothing</p> <p>9 Electron X</p> <p>10 An's emery</p> <p>11 H. Salt Eq. Fish &amp; Chips</p> <p>12 Payless Shos Source</p> <p>13 Rainbow Apparel</p> <p>14 Gazzali's Market</p> <p>15 ddi's Discounts</p> <p>16 Available</p> <p>17 Available</p> <p>18 Telecare</p> <p>19 Available</p> <p>20 The Mart</p> <p>21 Comcast Cable Offices</p> <p>22 Eastmont Cafe</p> <p>23 Residential Med. Supply</p> <p>24 Fashions by Delores</p> <p>25 Fashions by Delores</p> <p>26 Star Beauty Supply</p> <p>27 All African Imports</p> <p>28 Available</p> <p>29 Available</p> <p>30 Available</p> <p>31 Value Plus</p> <p>32 Fashion Clothing II</p> <p>33 Available</p> <p>34 Councilmember Brooks District Office</p> <p>35 Available</p> <p>36 AC Self-sufficiency Center</p> <p>37 Available</p> <p>38 Available</p> <p>39 Available</p> <p>40 Vogue for Men</p> <p>41 Treasures Jewelry</p> <p>42 Young's Wig</p> <p>43 Available</p> <p>44 Available</p> <p>45 University Preparation</p> <p>46 Corner House Deli</p> <p>47 Hong Kong Fancy Foods</p> <p>48 Taqueria Los Portales</p> <p>49 Las Palmas</p> <p>50 Eastmont Herb</p> <p>51 Available</p>	<p>52 Project Head Start Day Care</p> <p>53 Prime Time Nutrition</p> <p>54 Intel Computing Clubhouses</p> <p>55 Eastmont Computer Center</p> <p>56 Oakland Public Library Branch</p> <p>57 House of Unity</p> <p>58 University Preparation</p> <p>59 Social Security Administration</p> <p>60 Rameil Storage</p> <p>61 OCO</p> <p>62 Available</p> <p>63 AC Probation</p> <p>64 Lincoln Child Center</p> <p>65 AC Public Health Department</p> <p>66 AC Public Health Department</p> <p>67 Planned Parenthood Clinic</p> <p>68 Medical Arts Building</p> <p>69 Planned Parenthood Offices</p> <p>70 African American Ch. of Commerce</p> <p>71 Anthony T Woods, Esq.</p> <p>72 Apothecary</p> <p>73 Golden Age Seniors Center</p> <p>74 Golden Age Seniors Center</p> <p>75 Oakland Police Precinct</p> <p>76 Leasing Offices</p> <p>77 Security Offices</p> <p>78 Center for Elders Independence</p>	<p>A Available</p> <p>B Supervisor Milley District Office</p> <p>C Available</p> <p>D Available</p> <p>E PADs</p> <p>1 Union 76 Service Station</p> <p>2 Burger King</p> <p>3 Taco Bell</p> <p>4 Lee's Donuts</p> <p>5 AutoZone</p> <p>6 AC Transit Bus Plaza</p> <p>7 Town Center Market</p> <p>8 Development Pad</p> <p>9 McDonald's</p> <p>10 MEDICAL ARTS BUILDING</p> <p>11 Alameda County Ambulatory Care Clinic</p> <p>12 Davita Dialysis</p> <p>13 Alameda County Dental Clinic</p> <p>14 Vacant</p> <p>15 Vacant</p> <p>16 THIRD FLOOR MRB</p> <p>17 AC Adult and Aging Offices</p>

## **APPENDIX C**

### **OTHER RELEVANT DOCUMENTS**



**Answer to Question 17**

1. Eastmont was built in three distinct phases beginning in 1966 and completing in 1972. Phase I of the Eastmont project consisted of the Safeway supermarket anchored neighborhood strip shopping center that was initiated in 1966. The construction methodology was tilt up concrete walls on poured in place concrete slab foundations. The contractor was the Earnest Hahn Construction Company, La Jolla, California, and the architects were what is now know as ROMA Architects, San Francisco, California. The first phase of the project consisted of what now is known as the Bancroft Strip and was initially 88,000 SF of retail space completed in 1967 and later expanded to 112,000 SF in 1969.

Phase Two was commenced in 1969 and comprised what is now the 275,000 SF enclosed mall portion of Eastmont. JC Penney concurrent with the construction of the enclosed mall portion of Eastmont also constructed a new 210,000 SF three level department store. Again, Earnest Hahn Construction Company built the new buildings that included Type 5 reinforced concrete slab and column with second level wood frame and wood deck with concrete block walls in the case of the enclosed mall area and Type I steel frame and masonry construction in the case of the JC Penney building. The architects for Phase II were Burke Kober Nicolais Architects of Los Angeles, California. The structural engineers were Mackel Ruthroff Englekirk of Los Angeles, California.

Phase Three was commenced in 1970 and consisted first of adding a 55,000 SF four story professional office building constructed on a pad site on the northwest edge of Eastmont. The construction methodology was again Type 5 with a steel and concrete structure at floor one built on a concrete slab foundation with wood frame structure at floors two through four and a wood frame deck roof. The entire building is clad in stucco and spandrel panels. Construction was done by Earnest Hahn Construction Co. and architecture and engineering was done by same firms as in Phase I and II above. A second part of Phase II consisted of adding a 64,000 SF Mervyn's department store on the upper parking deck on the southeast boundry of Eastmont. Composite construction was again employed with wood frame and columns holding up a wood frame deck roof built over the existing elevated parking deck that was leveled with a lightweight concrete slab poured over Styrofoam. New concrete columns and foundation footings were installed under the parking deck to carry the additional load of the new construction. Construction and design of Phase III was carried out by the same contractor and architects.

2. Commencing in 1996, major renovations began at Eastmont. The initial work was aimed at preparing the former JC Penney building for adaptive reuse for planned County of Alameda medical and other uses. The entire building was gutted by National Surface Cleaning who also encapsulated the

asbestos containing fireproofing sprayed on the underside of the floor decking and tops of the structural columns. National also removed and cleaned all asbestos containing VCT and related mastic and PCB containing electrical ballasts and transformers. The adaptive reuse process at the former JC Penny building began with a design build lease with the County of Alameda's Health Services Agency to construct a 40,000 SF clinic. The associated tenant improvements were designed by Kaplan McLaughlin Diaz Architects of San Francisco, CA and built by South Bay Construction Co. of Campbell, CA. Concurrent roofing work was done by Star Roofing of Oakland and consisted of stripping the entire old roof and replacing it with a new roof identical to the original roof installed when the building was first constructed. A seismic retrofit of the building was also done bringing it to 1997 UBC seismic code. This work was designed by Fratessa Forbes Wong, Structural Engineers and executed by South Bay Construction Co. The total budget for the County of Alameda tenant improvements, seismic retrofit, roofing and asbestos work was approximately \$8.5 million and was completed in early 1998.

Concurrent with the construction of the county clinic, a kidney dialysis clinic was also built in the former JC Penney building by Total Renal Care. The clinic was designed by Ginn Wong Associates Architects, Beverly Hills, CA and built by O'Brien Construction Co., Concord, CA. The total TI budget for the project was \$1.7 million and was completed in late 1997.

Concurrent with the County and Total Renal Care clinics, Planned Parenthood executed a new family planning clinic at Eastmont under a design build lease. The Planned Parenthood facility was designed by Ann Fougerson Architects, San Francisco, CA and built by South Bay Construction Co. The total budget for this project was \$750,000.

Various retail tenant improvements were made during 1996 through 1998 including constructing the new Rainbow Apparel store and the 98 Cent Clearance Center store both located in the Bancroft Strip area of Eastmont. Both of these stores was designed by Haviland Associates Architects, Oakland, CA and constructed by White Construction Co., Oakland, CA. The total cost of these improvements was \$750,000.

In 1998 work commenced on the City of Oakland Public Library at Eastmont. This 10,000 SF project was executed under a design build lease with the City of Oakland and was designed by Haviland Associates Architects and Lindquist-Van Hook Construction Co. The total budget for this project was \$725,000.

Two new County of Alameda tenant improvements were commenced in 1998. The largest of the two was the new Self Sufficiency Center located on the ground floor of the former JC Penny building and consisting of approximately 65,000 SF of improved space. The project was undertaken on a design build basis with Michael Willis Architects, Oakland providing the design of the interior improvements and VBN Architects, Oakland, providing



the exterior design services. Construction was done by South Bay Construction. The second piece of the county work was for the Department of Public Health and involved approximately 16,000 SF of space on the second level of Eastmont. Again the project was done on a design build basis with Haviland Associates Architects providing A/E services and South Bay Construction building the facility. The combined improvements budget for the two projects was approximately \$6.5 million. Both projects were completed in early 1999.

Concurrently with the new county projects, Eastmont undertook to retrofit the interior and exterior lighting replacing the old systems with energy efficient ballasts and fixtures. The HVAC systems for the entire common areas of Eastmont were also replaced with state of the art energy efficient units. This work was done under a design build contract with Sempre Energy Systems and cost \$750,000. In addition, Eastmont executed an exterior landscape and beautification program designed by Pattilio Garrett Associates, Landscape Architects, Oakland, CA and constructed by Lindquist-Van Hook Construction Co., Oakland, CA. The total budget for this work was \$450,000.

During the period 1999 through 2001, several major tenant improvement projects were completed including the 10,000 SF Center for Elder Independence facility, the 8,500 SF Lincoln Child Center facility and the 4,500 SF County of Alameda Adult Probation facility. All of these projects were done on a design build basis with Haviland Associates Architects providing design services and South Bay Construction Co. building the improvements. The total budgets for these three projects was \$1.8 million. A fourth project was also undertaken for the US Social Security Administration. This 8,500 SF facility was done on a design build basis with Michael Willis Architects and South Bay Construction Co. for a total budget of \$850,000.

In 2001, a new precinct 64,000 SF facility was built for the City of Oakland Police Department under a design build lease. Michael Willis Architects and South Bay Construction executed the facility for a total budget including FF&E totaling approximately \$15 million. Under the terms of the lease with the City of Oakland, Eastmont received a reimbursement of \$11.8 million that was used to pay down the construction loan on the project.

In 2002, Alameda County entered into a design build lease with Eastmont to build out the county's new 60,000 SF Adult & Aging facility. This project was built on the third floor of the former JC Penny building under a design build contract with Michael Willis Architects and South Bay Construction Co. Extensive additional asbestos and mold remediation work was done under a plan developed by Kelco Environmental Consultants and executed by Bluewater Environmental Services. Kelco also provided air quality monitoring throughout the project. The total budget for this project was \$5.4 million. This project was completed in the fall of 2003.

In 2003, Gazzali's Markets commenced work on installing a new 30,000 SF supermarket at Eastmont. As part of this transaction, Eastmont agreed to resurface and restripe the parking lots in front of the entire Bancroft Strip retail area, re-roof the area over the new supermarket and make certain other cosmetic improvements including new sidewalks in front of the store and repainting the façade. The total cost of the Eastmont improvements were \$280,000. The owners of Gazzali's spent approximately \$1 million in tenant improvements on their new store that opened in mid 2004. This work was designed by Haviland Associates Architects and executed by South Bay Construction Co.

Also in 2003, the dd's Discount division of Ross Stores commenced building a new store at Eastmont. As part of this transaction, Eastmont agreed to undertake certain improvements to the space being occupied by Ross including new roofing, flooring, demising wall, lighting improvements, electrical upgrades and certain structural repairs. The total of Eastmont's investment in this project was \$750,000 and Ross Stores spent approximately \$1 million on their improvements. The Ross store opened in August, 2004. This work was designed by Haviland Associates Architects and executed by TEAM Construction & Development, Los Gatos, CA.

Current projects underway at Eastmont include, the new retail stores for 4-Brothers, Electron-X and Fantasy Gifts at Entrance A of the Bancroft Strip area of the center. In connection with this work, a new interior door system will be constructed making it possible to close the enclosed mall portion of Eastmont completely on Sunday while leaving the retail stores at Entrance A open. This work was designed by Haviland Associates Architects and being constructed by TEAM Construction & Development. The total budget for this work totals \$275,000.

A new monument sign on 73<sup>rd</sup> Avenue and the remodeling of the existing monument sign on Bancroft is in for permitting. The signs were designed by Haviland Associates Architects and will be built by TEAM Construction & Development. The total budget for this work is estimated to be \$140,000.

Lastly, AutoZone is currently constructing a new auto parts store on a pad fronting Bancroft Avenue. Eastmont is obliged to provide some tenant improvement support on the cost of running and connecting utilities to the new AutoZone facility. Eastmont's portion of this work is estimated to be \$120,000. The balance of the improvements will be paid by AutoZone and are estimated to be approximately \$650,000. The work is being executed by Werwick Construction Co., Houston, TX with TEAM Construction & Development responsible for Eastmont's part of the work.

3. To the best of our knowledge and belief, there is no history of fires or other facility related violations.
4. There are no on going maintenance issues that have not or are currently being dealt with.

## Parcel Report for 7000 Bancroft Ave

Parcels found: 1

<i>APN:</i>	039_329900202
<i>Owner Name:</i>	EASTMONT TOWN CENTER COMPANY L
<i>Parcel Address:</i>	7000 Bancroft Ave
<i>Zip:</i>	94605
<i>Mail Number:</i>	
<i>Mail Street:</i>	PO Box 52085
<i>Mail City:</i>	Phoenix
<i>Mail State:</i>	AZ
<i>Mail Zip:</i>	85072
<i>GeneralPlan Classification:</i>	Community Commercial
<i>Area:</i>	20142.4375 FT
<i>Perimeter:</i>	605.14141 FT
<i>Sewer Grid:</i>	102
<i>Zoning:</i>	
<i>Year Built:</i>	1986.0

Print Report

6

## Parcel Report for 7000 Bancroft Ave

Parcels found: 1

<i>APN:</i>	039_329900102
<i>Owner Name:</i>	EASTMONT TOWN CENTER COMPANY L
<i>Parcel Address:</i>	7000 Bancroft Ave
<i>Zip:</i>	94605
<i>Mail Number:</i>	7200
<i>Mail Street:</i>	Bancroft Ave #1
<i>Mail City:</i>	Oakland
<i>Mail State:</i>	CA
<i>Mail Zip:</i>	94605
<i>GeneralPlan Classification:</i>	Community Commercial
<i>Area:</i>	294765.0625 FT
<i>Perimeter:</i>	2630.49944 FT
<i>Sewer Grid:</i>	0
<i>Zoning:</i>	..
<i>Year Built:</i>	1975.0

Print Report

## Parcel Report for 7000 Bancroft Ave

Parcels found: 1

<i>APN:</i>	039_329900300
<i>Owner Name:</i>	EASTMONT TOWN CENTER COMPANY L
<i>Parcel Address:</i>	7000 Bancroft Ave
<i>Zip:</i>	94605
<i>Mail Number:</i>	7200
<i>Mail Street:</i>	Bancroft Ave #1
<i>Mail City:</i>	Oakland
<i>Mail State:</i>	CA
<i>Mail Zip:</i>	94605
<i>GeneralPlan Classification:</i>	Community Commercial
<i>Area:</i>	28602.9375 FT
<i>Perimeter:</i>	676.26879 FT
<i>Sewer Grid:</i>	0
<i>Zoning:</i>	...
<i>Year Built:</i>	1968.0

Print Report

## Parcel Report for 6929 Foothill Blvd

Parcels found: 1

<i>APN:</i>	039_329101900
<i>Owner Name:</i>	EASTMONT TOWN CENTER COMPANY L
<i>Parcel Address:</i>	6929 Foothill Blvd
<i>Zip:</i>	94605
<i>Mail Number:</i>	7200
<i>Mail Street:</i>	Bancroft Ave #1
<i>Mail City:</i>	Oakland
<i>Mail State:</i>	CA
<i>Mail Zip:</i>	94605
<i>GeneralPlan Classification:</i>	Community Commercial
<i>Area:</i>	923580.5625 FT
<i>Perimeter:</i>	4167.42517 FT
<i>Sewer Grid:</i>	0
<i>Zoning:</i>	1-4
<i>Year Built:</i>	0.0

[Print Report](#)

## Flood Insights test results for :

**Latitude: 37.766271 Longitude: -122.177843**

*Geocoding Accuracy: Not Available*

## Flood Zone Determinations

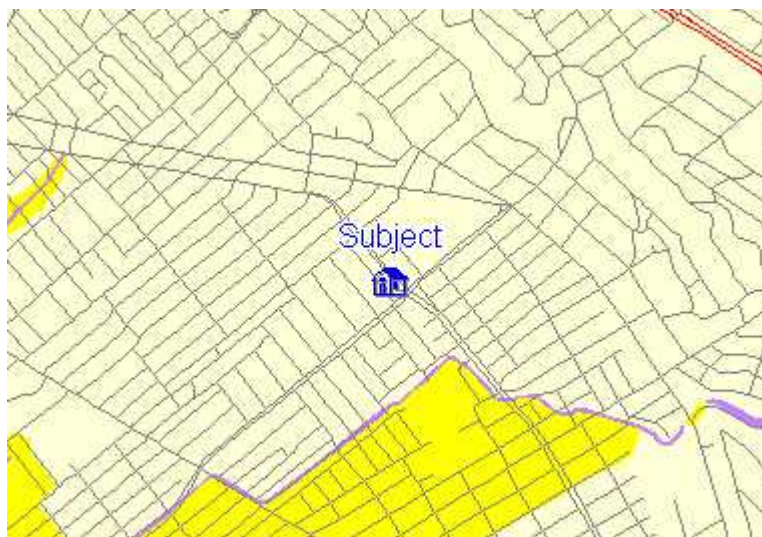
[Test Description](#)

### SFHA (Flood Zone) Within 250 feet of multiple flood zones?

Out No

Community	Community Name	Zone	Panel	Panel Date
065048	OAKLAND, CITY OF	C	0025B	September 30, 1982
FIPS Code	Census Tract			
06001	4086.00			

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### FloodMap Legend

#### Flood Zones

- Areas inundated by 500-year flooding
- Areas outside of the 100- and 500-year floodplains
- Areas inundated by 100-year flooding
- Areas inundated by 100-year flooding with velocity hazard
- Floodway areas
- Floodway areas with velocity hazard
- Areas of undetermined but possible flood hazards
- Areas not mapped on any published FIRM

powered by  
**RiskMeter.com**  
 617 737 4444  
[www.cdys.com](http://www.cdys.com)

This report was generated by: ebi on 10-11-2004

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**APPENDIX D**  
**PROFESSIONAL QUALIFICATIONS**



**APPENDIX E**  
**REGULATORY DATABASE REPORT**

**APPENDIX F**  
**PORTIONS OF PREVIOUS REPORTS**

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

SdD 114

April 16, 1998

Mr. Jack Sumski  
1 Eastmont Mall  
Oakland, CA 94605

**Re: Fuel Leak Site Case Closure for Eastmont Mall at 1 Eastmont Mall, Oakland, CA 94605**

Dear Mr. Sumski:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

**SITE INVESTIGATION AND CLEANUP SUMMARY**

Please be advised that the following conditions exist at the site:

- o up to 160 ppm TPH as diesel, 610 ppm TPH as motor oil, and 1,500 ppm Total Oil and Grease remain in soil beneath the site; and,
- o a site safety plan should be prepared for construction workers in the event excavation/trenching is proposed in the vicinity of the former waste oil tank.

If you have any questions, please contact me at (510) 567-6762.

eva chu  
Hazardous Materials Specialist

enclosure:

1. Case Closure Letter
2. Case Closure Summary

c: Frank Kliever  
City of Oakland-Planning  
1330 Broadway, 2nd Floor  
Oakland, CA 94612

files (eastmont-5)



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

**REMEDIAL ACTION COMPLETION CERTIFICATION**

**StID 114 - 1 Eastmont Mall, Oakland, CA  
(1-500 gallon waste oil tank removed in October 23, 1995)**

April 16, 1998

Mr. Jack Sumski  
1 Eastmont Mall  
Oakland, CA 94605

Dear Mr. Sumski:

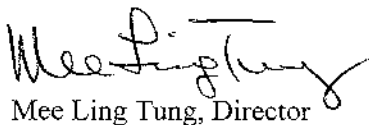
This letter confirms the completion of site investigation and remedial action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Section 2721(e) of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

  
Mee Ling Tung, Director

cc: Richard Pantages, Chief of Division of Environmental Protection  
Chuck Headlee, RWQCB  
Dave Deaner, SWRCB  
Leroy Griffin, OFD  
files-ec (eastmont-4)

CASE CLOSURE SUMMARY  
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: July 8, 1997

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy  
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700  
Responsible staff person: M. Logan Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Eastmont Mall  
Site facility address: 1 Eastmont Mall, Oakland, CA 94605  
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 114  
URF filing date: SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
David Norwitt	1 Eastmont Mall, Oakland, CA	94605

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	500	Waste Oil	Removed	10/23/95

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown  
Site characterization complete? YES  
Date approved by oversight agency: 7/3/97  
Monitoring Wells installed? Yes Number: 3  
Proper screened interval? Yes, 35' to 50'bgs in MW-9  
Highest GW depth below ground surface: 26.01' Lowest depth: 33.97' in MW-9  
Flow direction: WNW  
Most sensitive current use: Commercial  
Are drinking water wells affected? No Aquifer name: Unknown  
Is surface water affected? No Nearest affected SW name: NA  
Off-site beneficial use impacts (addresses/locations): None

Report(s) on file? YES Where is report(s) filed? Alameda County  
1131 Harbor Bay Pkwy  
Alameda, CA 94502

# Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> <u>(include units)</u>	<u>Action (Treatment</u> <u>or Disposal w/destination)</u>	<u>Date</u>
Tank	1 UST	Disposed by H & H, San Francisco	10/23/95
Soil	31.75 cy	Incinerated at Remco, Richmond	12/19/95

## Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before <sup>1</sup>	After <sup>1</sup>	Before <sup>2</sup>	After <sup>3</sup>
TPH (Gas)	ND	ND	78	ND
TPH (Diesel)	160	160	200	ND
TPH (Motor Oil)	610	610	4,300	4,300
Benzene	ND	ND	13	ND
Toluene	ND	ND	ND	ND
Ethylbenzene	ND	ND	1.5	ND
Xylenes	ND	ND	ND	ND
Oil & Grease	1,500	1,500	ND	NA
Other HVOC	ND	ND	237 <sup>4</sup>	ND
Benzo(a)pyrene				ND
Naphthalene				ND

NOTE: 1 soil samples collected from waste oil pit during UST removal (10/95) and after limited overexcavation (12/95)

2 results from grab water from soil borings or initial two quarters of groundwater sampling

3 results from final quarters of groundwater sampling

4 8ppb 1,2 DCE, 19ppb TCE, and 210ppb PCE

## IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan?

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan?

Does corrective action protect public health for current land use? YES

Site management requirements: A site safety plan must be prepared for construction workers in the event excavation/trenching is proposed in the vicinity of residual soil and groundwater contamination.

Should corrective action be reviewed if land use changes? YES

Monitoring wells Decommissioned: No, pending site closure

Number Decommissioned: 0 Number Retained: 3

List enforcement actions taken: None

List enforcement actions rescinded: NA

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu

Title: Haz Mat Specialist

Signature: 

Date: 8/11/97

Reviewed by

Name: Madhulla Logan

Title: Haz Mat Specialist

Signature: 

Date: 8/4/97

Name: Thomas Peacock

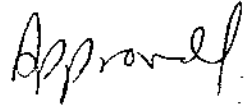
Title: Supervisor

Signature: 

Date: 8-7-97

VI. RWQCB NOTIFICATION

Date Submitted to RB: 8/12/97

RB Response: 

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature: 

Date: 8-18-97

VII. ADDITIONAL COMMENTS, DATA, ETC.

In 1916 the site was occupied by an automobile assembly plant (Chevrolet Fisher Body Plant) where auto body parts were sanded, painted, and assembled. At this time five USTs were in use (12-K gasoline, 12K motor oil, 13-K fuel oil, 10K kerosene, and a 13K oil tank). The plant was demolished in 1965. Construction of the Eastmont Mall began in 1969. The mall consists of several commercial retailers, including clothing stores, car repair shops, a dry cleaner, fast food restaurants, and a supermarket. A gasoline station (BP Oil) is located at the south corner of the site. (See Figs 1 and 2)

Subsurface contamination has been identified at four areas of the site: 1) JC Penny area (also known as Firestone on site plan), 2) BP service Station, 3) Sparkle Cleaner, and 4) Eastmont Auto Center (in vicinity of Thrifty). Contamination at JC Penny and at BP service station is under a separate investigation, therefore, this closure summary only covers contamination in the vicinity of Sparkle Cleaner and Eastmont Auto Center.

In December 1989 Hunter Environmental Services, Inc. advanced four soil borings, of which three were completed as groundwater monitoring wells (MW-2 through MW-4). The monitoring wells are located at the JC Penny site (well MW-4), the BP service station (well MW-3), and by Sparkle Cleaners (well MW-2). Well MW-2 was drilled to 35'bgs. Groundwater was encountered at ~29'bgs. Soil samples from 10' and 20' bgs were analyzed for TPH and BTEX. None was identified. The groundwater was analyzed for TPH and VOCs.

Up to 8ppb 1-2 DCE, 19ppb TCE, 210ppb PCE and 200ppb TPH were identified. BTEX was not found above the detection limits. (See Fig 2, Tables 1 through 4)

In September 1993 five soil borings (B-5 through B-9) were drilled around the mall buildings and converted into monitoring wells MW-5 through MW-9, respectively. Well MW-6 is downgradient of the dry cleaners, and well MW-9 is near the location of the waste oil UST at Eastmont Auto Center. Soil samples were only collected from the capillary fringe (at 30' to 40'bgs). Soil and groundwater samples were analyzed for TPHd, TPHg, BTEX, and HVOCs. Contaminants were not detected above the detection limit. (See Fig 3, Tables 5 and 6, and Well Logs)

Wells MW-5 through MW-9 were sampled for seven quarters (Sep 1993 to September 1996) without detecting hydrocarbon contamination (except for low TPHg and benzene concentrations in December 1993, and 1.4ppb TCE in October 1995). Groundwater flows to the west-northwest. It appears the UST operated by the former auto assemble plant and dry cleaner did not adversely impact groundwater quality beneath the site. (See Tables 7 and 8)

In October 1995 two soil borings (AW-1 and AW-2) were drilled in the vicinity of Sparkle Cleaner, to verify that soil was not impacted by solvent use at the facility. Six selected soil samples (from 6' and 10.5'bgs and from the capillary fringe) were analyzed for HVOCs. None was detected. (See Fig 4, Table 9)

Also in October 1995 the 500 gallon waste oil UST was removed from the Eastmont Auto Center. A soil sample S1 was collected from the center of the pit bottom at 8'bgs. Elevated TPHd and TOG were identified. HVOCs and SVOCs were below detection limits. One to two feet of soil were removed from three of the four sidewalls. And the bottom of the pit was overexcavated to 10'bgs. A confirmatory soil sample (S2) was collected from the pit bottom. Up to 1,300ppm non-polar O&G and 610ppm TPH-mo were identified. (See Figs 5 and 6, Table 10)

In April 1996 three soil borings (B1, B2 and B3) were advanced just outside of the former waste oil UST to 40'bgs. Soil samples were collected at 15' and 25' to 35'bgs. Soil and grab water samples were analyzed for TPH-mo and TOG. No hydrocarbons were detected in the soil samples. Only water from boring B1 contained TPH-mo (at 4,300ppb). The laboratory reported that the contaminant appeared to be a lubricating oil, lighter than motor oil. (See Fig 7, Table 11, and Boring Logs)

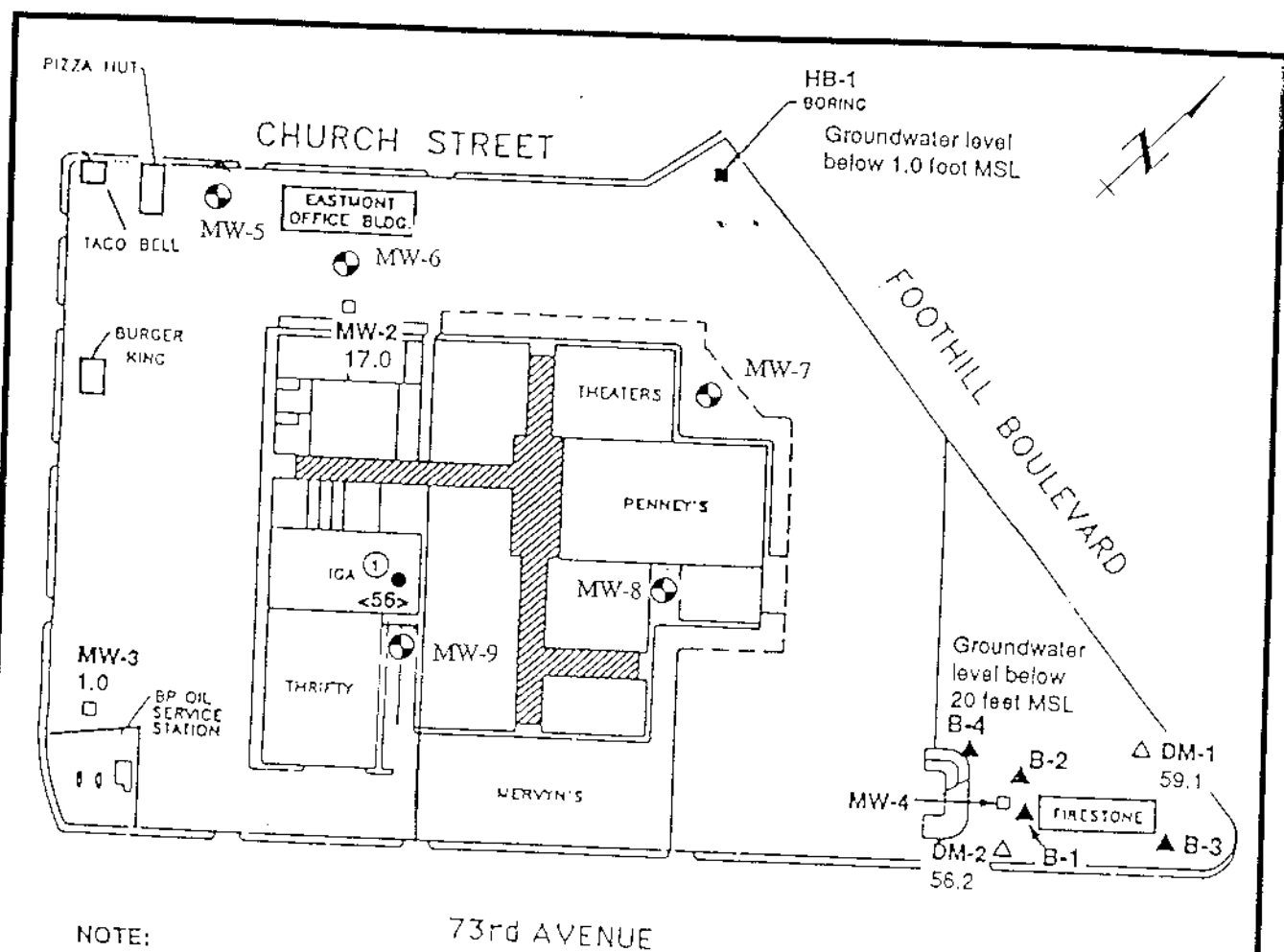
The low levels of TPH in groundwater identified from boring B1 appears limited in extent because well MW-9, located ~200' downgradient of the former waste oil UST, has not identified any TPHg, TPHd, BTEX, benzo(a)pyrene or naphthalene in groundwater. Continued groundwater sampling is not warranted.



In summary, case closure is recommended because:

- the leak and ongoing sources have been removed;
- the site has been adequately characterized;
- the dissolved plume is not migrating;
- no water wells, surface water, or other sensitive receptors are likely to be impacted; and,
- the site presents no significant risk to human health or the environment.



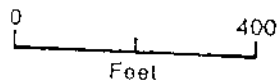


NOTE:

① Groundwater measured in Industrial well at 96 feet below ground surface (bgs) or 56 feet below mean sea level. Perforated in lower aquifer from 90 to 393 feet bgs.



Installed Monitor Wells  
Artesian Environmental



#### KEY

- Abandoned Industrial Well (1951)
- △ Dames & Moore Monitoring Well (4/91)
- ▲ Dames & Moore Soil Boring (4/91)
- Hunter Environ. Monitoring Well (12/89)
- Hunter Environ. Soil Boring (12/89)
- 17.0 Groundwater elevation in feet above mean sea level (MSL)

After Dames & Moore, 1991

<b>Artesian Environmental Consultants</b> 3175 Kerner Blvd., Suite E San Rafael, California 94901 415-257-4801 Fax 257-4805		<b>SITE MAP</b>  One Eastmont Mall Oakland, California 94605	
Project No: 93-001-01	Date: 8/27/93	Drawn by: BIM	Figure 2

TABLE 1. RESULTS OF TPH, BTEX, AND STODDARD ANALYSES  
ON SOIL SAMPLES TAKEN DECEMBER 5 AND 6, 1989  
AT EASTMONT MALL, OAKLAND, CALIFORNIA

SAMPLE ID	DATE SAMPLED	TPH (ppm)	B T E X (ppb)				STODDARD (ppm)
			BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	
MW-1@10'	12/5/89	ND<1	ND<3	ND<3	ND<3	ND<3	-
MW-1@30'		ND<1	ND<3	ND<3	ND<3	ND<3	-
MW-2@10'		ND<1	ND<3	ND<3	ND<3	ND<3	ND<10
MW-2@20'		ND<1	ND<3	ND<3	ND<3	ND<3	ND<10
MW-3@10'	12/6/89	ND<1	ND<3	ND<3	ND<3	ND<3	-
MW-3@20'		ND<1	ND<3	ND<3	ND<3	ND<3	-
MW-4@10'		ND<1	ND<3	ND<3	ND<3	ND<3	-
MW-4@15'		2000	1400	4300	23,000	150,000	-

NOTES: ppm - Parts per million or milligrams per kilogram  
ppb - Parts per billion or micrograms per kilogram  
ND<1 - Not detected at indicated detection limit

Hunter Environmental Services, Inc.  
597 Center Avenue, Suite 350  
Martinez, CA 94553

TABLE 2. RESULTS OF OIL AND GREASE (O&G) ANALYSES  
ON SOIL SAMPLES TAKEN DECEMBER 6, 1989  
AT EASTMONT MALL, OAKLAND, CALIFORNIA

SAMPLE ID	DATE SAMPLED	OIL & GREASE (ppm)
MW-3@10'	12/6/89	ND<20
MW-3@20'		ND<20
MW-4@10'		ND<20
MW-4@15'		ND<20

Notes: ppm - Parts per million or milligrams per kilogram (mg/kg)  
ND<20 - Not detected at indicated detection limit

Hunter Environmental Services, Inc.  
597 Center Avenue, Suite 350  
Martinez, CA 94553

TABLE 3. RESULTS OF TPH, BTEX, AND STODDARD ANALYSES  
ON WATER SAMPLES TAKEN DECEMBER 11, 1989  
AT EASTMONT MALL, OAKLAND, CALIFORNIA

SAMPLE ID	DATE SAMPLED	TPH (ppm)	B T E X (ppb)				STODDARD (ppm)
			BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	
MW-2	12/11/89	0.2	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<1
MW-3		2.7	530	16	150	59	-
MW-4		2.2	28	21	50	290	-

Notes: ND<0.3 - Not detected at indicated detection limit  
ppm - Parts per million or milligrams per kilogram  
ppb - Parts per billion or micrograms per kilogram

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597 Center Avenue, Suite 350  
Martinez, CA 94553

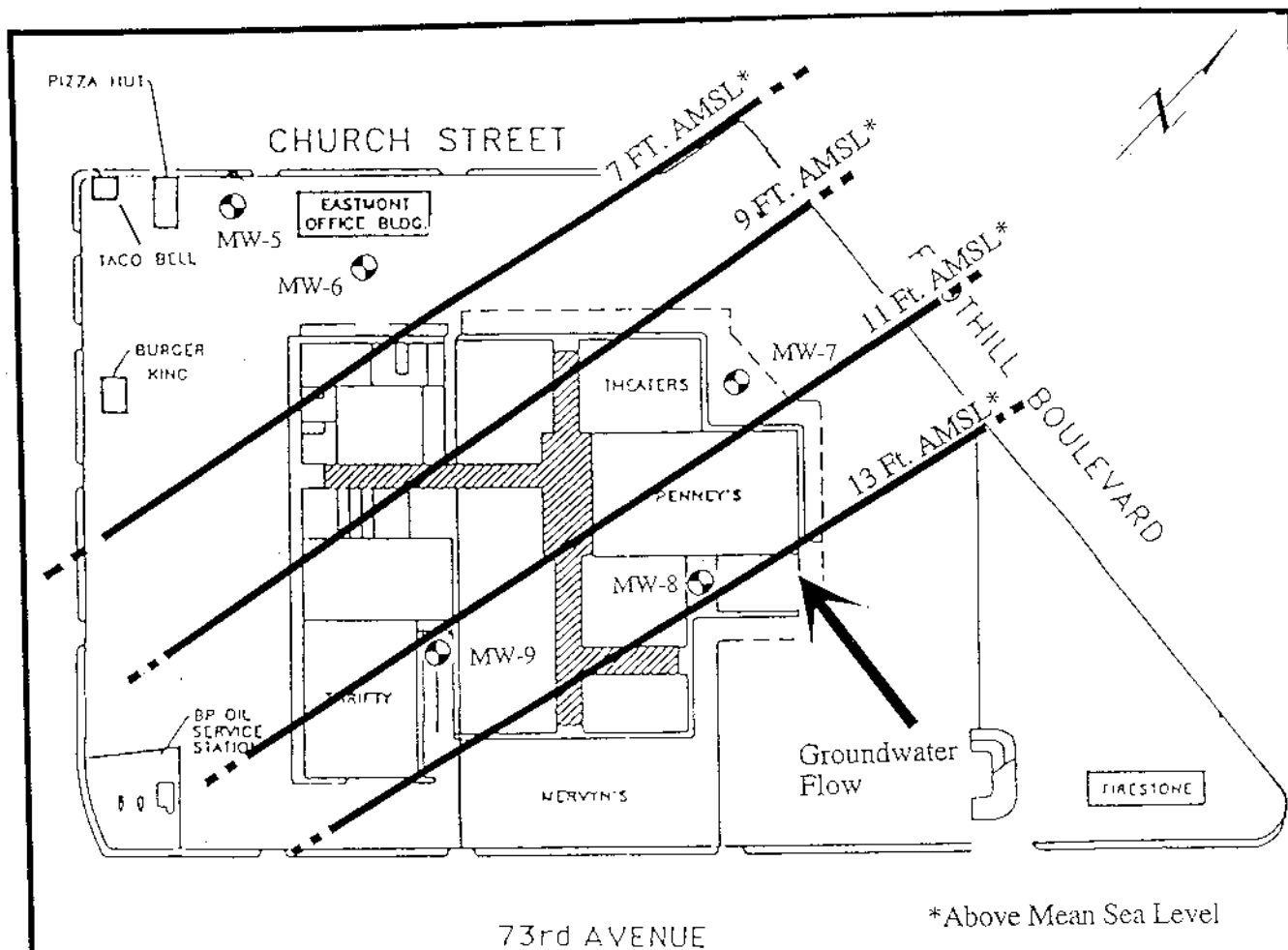
TABLE 4. RESULTS OF TOTAL VOLATILE ORGANIC ANALYSES FOR WATER  
SAMPLE FROM MW-2 COLLECTED DECEMBER 11, 1989

SAMPLE: MW-2

Compound	ug/l	Compound	ug/l
Chloromethane	ND<10	Cis-1,3-Dichloropropene	ND<3
Bromoethane	ND<10	Trichloroethene	19
Vinyl Chloride	ND<10	Dibromochloromethane	ND<3
Chloroethane	ND<10	1,1,2-Trichloroethane	ND<3
Methylene Chloride	ND<10	Benzene	ND<2
Acetone	ND<10	Trans-1,3-Dichloropropene	ND<3
Carbon disulfide	ND<3	2-Chloroethyl vinyl ether	ND<3
Trichlorofluoromethane	ND<3	Bromoform	ND<3
1,1-Dichloroethene	ND<3	4-Methyl-2-Pentanone	ND<10
1,1-Dichloroethane	ND<3	2-Hexanone	ND<10
1,2-Dichloroethene (total)	8	Tetrachloroethene	210
Chloroform	ND<3	1,1,2,2-Tetrachloroethane	ND<3
1,2-Dichloroethane	ND<3	Toluene	ND<3
2-Butanone	ND<20	Chlorobenzene	ND<3
1,1,1-Trichloroethane	ND<3	Ethylbenzene	ND<3
Carbon Tetrachloride	ND<3	Styrene	ND<3
Vinyl Acetate	ND<10	Total Xylenes	ND<3
Bromodichloromethane	ND<3	1,3-Dichlorobenzene	ND<3
1,2-Dichloropropane	ND<3	1,2&1,4-Dichlorobenzenes	ND<3

Notes: ug/l - Micrograms per liter or parts per billion (ppb)  
ND<10 - Non-detectable at indicated detection limit

Hunter Environmental Services, Inc  
597 Center Avenue, Suite 350  
Martinez, CA 94553



Installed Monitor Wells  
Artesian Environmental

0 400  
Feet

Groundwater Elevation  
Above Mean Sea Level

MW-5	6.82 Feet
MW-6	6.50 Feet
MW-7	10.95 Feet
MW-8	12.80 Feet
MW-9	11.18 Feet

After Dames & Moore, 1991

**Artesian Environmental Consultants**  
3175 Kerner Blvd., Suite E  
San Rafael, California 94901  
415-257-4801  
Fax 257-4805

### GROUNDWATER GRADIENT MAP

One Eastmont Mall  
Oakland, California 94605

Project No: 93-001-01

Date: 8/27/93

Drawn by: BIM

Figure 3

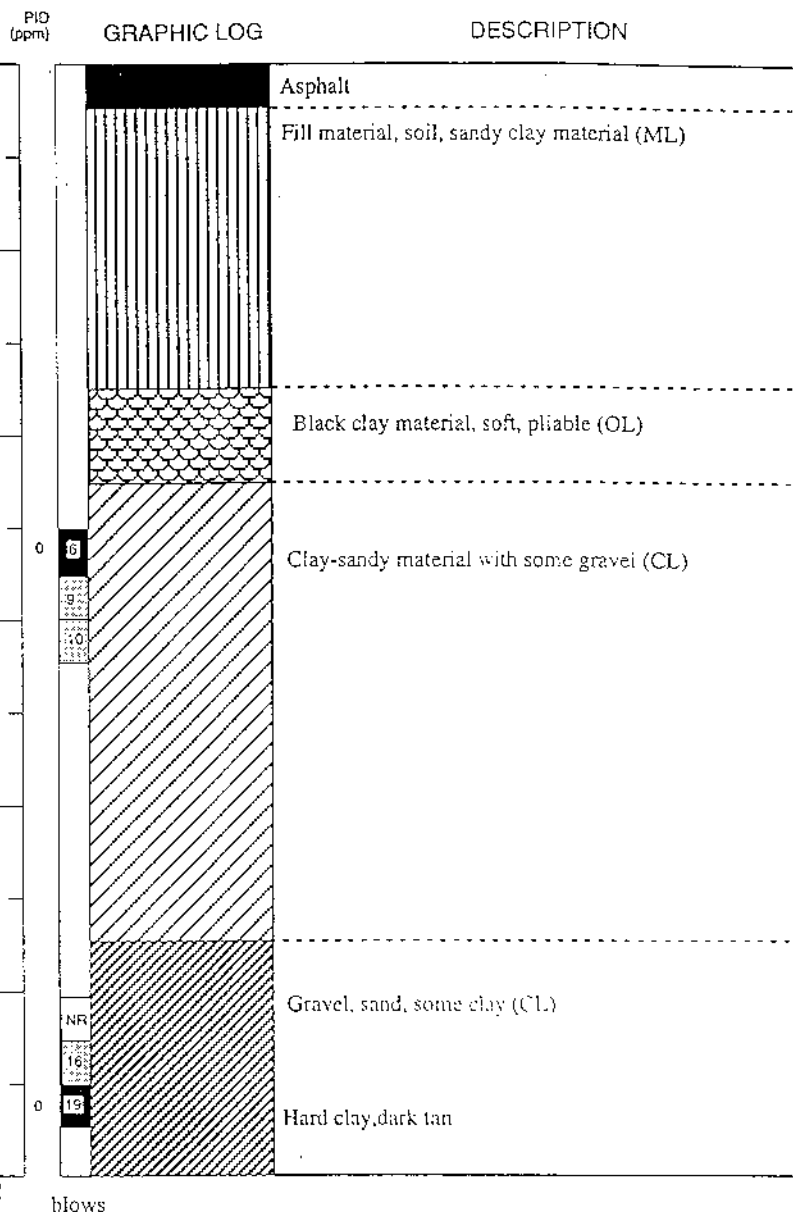


Table 1.5 Summary of Soil Analytical Results

Boring Number	Sample Depth	TPH-d ppb	TPH-g ppm	Benzene ppb	Toluene ppb	Ethyl Benzene ppb	Total Xylenes ppb
B-5-35'	35'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
B-6-35'	35'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
B-7-30'	30'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
B-8-30'	30'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
B-9-40'	40'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Compound Name		B-5-35' ppb	B-6-35' ppb	B-7-30' ppb	B-8-30' ppb	B-9-40' ppb	
Chloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Vinyl Chloride		N.D.	N.D.	N.D.	N.D.	N.D.	
Bromochloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Chloroethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Trichlorofluoromethane		N.D.	N.D.	N.D.	N.D.	N.D.	
1, 1-Dichloroethene		N.D.	N.D.	N.D.	N.D.	N.D.	
Methylene Chloride		N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloroethene (Trans)		N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloroethene (Cis)		N.D.	N.D.	N.D.	N.D.	N.D.	
1, 1-Dichloroethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Chloroform		N.D.	N.D.	N.D.	N.D.	N.D.	
1,1,1- Trichloroethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Carbon Tetrachloride		N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloroethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Trichloroethene		N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloropropane		N.D.	N.D.	N.D.	N.D.	N.D.	
Bromodichloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	
2-chloroethylvinylether		N.D.	N.D.	N.D.	N.D.	N.D.	
Trans-1, 3-Dichloropropene		N.D.	N.D.	N.D.	N.D.	N.D.	
Cis-1, 3-Dichloropropene		N.D.	N.D.	N.D.	N.D.	N.D.	
1,1,2-Trichloroethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrachloroethene		N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromochloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	
Chlorobenzene		N.D.	N.D.	N.D.	N.D.	N.D.	
Bromoform		N.D.	N.D.	N.D.	N.D.	N.D.	
1,1,2,2-tetrachloroethane		N.D.	N.D.	N.D.	N.D.	N.D.	
1,3-Dichlorobenzene		N.D.	N.D.	N.D.	N.D.	N.D.	
1,4-Dichlorobenzene		N.D.	N.D.	N.D.	N.D.	N.D.	
1,2-Dichlorobenzene		N.D.	N.D.	N.D.	N.D.	N.D.	
Freon 113		N.D.	N.D.	N.D.	N.D.	N.D.	
N.D.= non detect TPH-d= total petroleum hydrocarbons as diesel TPH-g= total petroleum hydrocarbons as gasoline B-T-E-X= benzene, toluene, ethyl benzene, and total xylenes							ppb= parts per billion ppm=parts per million All soil sampling done on 9/13 14/93.

Table A6 Summary of Water Analytical Results

Monitor Well	TPH-d ppm	TPH-g ppm	Benzene ppb	Toluene ppb	Ethyl Benzene ppb	Total Xylenes ppb
MW-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MW-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MW-7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MW-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MW-9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Compound Name	MW-5 ppb	MW-6 ppb	MW-7 ppb	MW-8 ppb	MW-9 ppb	
Chloromethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Vinyl Chloride	N.D.	N.D.	N.D.	N.D.	N.D.	
Bromochloromethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Chloroethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Trichlorofluoromethane	N.D.	N.D.	N.D.	N.D.	N.D.	
1, 1-Dichloroethene	N.D.	N.D.	N.D.	N.D.	N.D.	
Methylene Chloride	N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloroethene (Trans)	N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloroethene (Cis)	N.D.	N.D.	N.D.	N.D.	N.D.	
1, 1-Dichloroethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Chloroform	N.D.	N.D.	N.D.	N.D.	N.D.	
1,1,1- Trichloroethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Carbon Tetrachloride	N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloroethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Trichloroethene	N.D.	N.D.	N.D.	N.D.	N.D.	
1, 2-Dichloropropane	N.D.	N.D.	N.D.	N.D.	N.D.	
Bromodichloromethane	N.D.	N.D.	N.D.	N.D.	N.D.	
2-chloroethylvinylether	N.D.	N.D.	N.D.	N.D.	N.D.	
Trans-1, 3-Dichloropropene	N.D.	N.D.	N.D.	N.D.	N.D.	
Cis-1, 3-Dichloropropene	N.D.	N.D.	N.D.	N.D.	N.D.	
1,1,2-Trichloroethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrachloroethene	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromochloromethane	N.D.	N.D.	N.D.	N.D.	N.D.	
Chlorobenzene	N.D.	N.D.	N.D.	N.D.	N.D.	
Bromoform	N.D.	N.D.	N.D.	N.D.	N.D.	
1,1,2,2-tetrachloroethane	N.D.	N.D.	N.D.	N.D.	N.D.	
1,3-Dichlorobenzene	N.D.	N.D.	N.D.	N.D.	N.D.	
1,4-Dichlorobenzene	N.D.	N.D.	N.D.	N.D.	N.D.	
1,2-Dichlorobenzene	N.D.	N.D.	N.D.	N.D.	N.D.	
Freon 113	N.D.	N.D.	N.D.	N.D.	N.D.	
					N.D. = non detect	
TPH-d= total petroleum hydrocarbons as diesel					ppb = parts per billion	
TPH-g= total petroleum hydrocarbons as gasoline					ppm = parts per million	
B-T-E-X= benzene, toluene, ethyl benzene, and total xylenes					All water sampling done on 9/28/91	









Continues

Logged by: Benjamin I. Mira  
Inspector:  
Dates Drilled: 9/13/93

Drilling Company: West HazMat  
Drilling Method: Hollow Stem Auger  
Driller: Bill Smith

Well Head Completion:	Christy box & locking cap
Type of Sampler:	California Split Spoon
TID (Total Depth):	50.0 ft.

## EXPLANATION

- |   |   |       |   |
|---|---|-------|---|
|  | Water level during drilling                     | ————— | Contacts:<br>Solid where certain  |
|  | Water level in completed well                   | ..... | Dotted where approximate  |
|  | Location of drill sample                        | - - - | Dashed where uncertain  |
|  | Location of sample sealed for chemical analysis | est K | Estimated permeability<br>(hydraulic conductivity)<br>1K = primary 2K = secondary |
|  | Sieve sample                                    | NR    | No recovery   |
|  | Grab sample                                     |       |   |

### Boring Log and Well Completion Details

#### MW-6

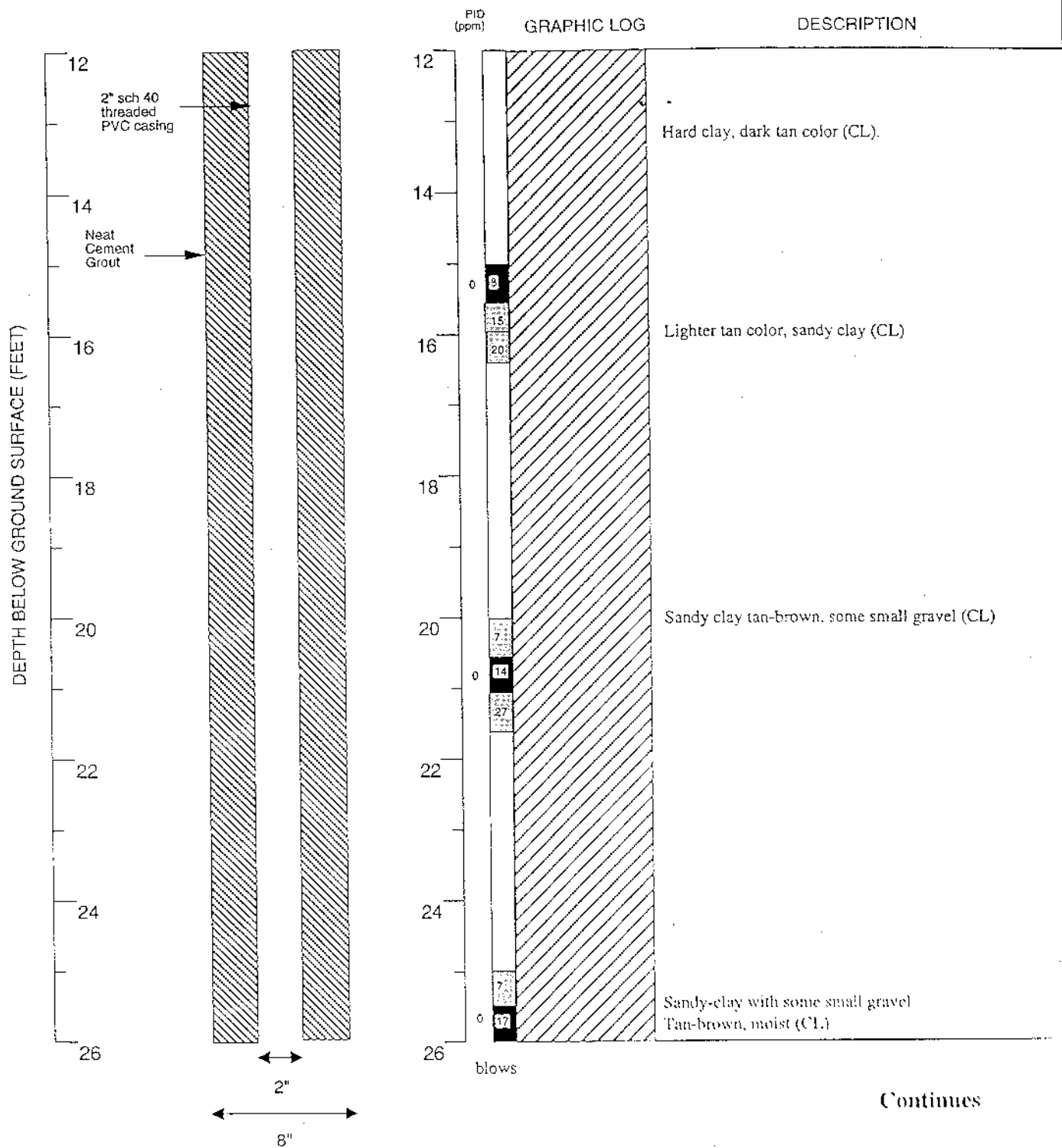
One Eastmont Mall  
Oakland, California

ARTESIAN ENVIRONMENTAL CONSULTANTS  
3175 KERNER BOULEVARD, SUITE 11, SAN RAPHAEL, CALIFORNIA 94901 (415) 251-4800

MONITOR  
WILL.

6

123 45 6 78



#### EXPLANATION

- |   |  |
|---|--|
| Water level during drilling                     | Contacts: Solid where certain  |
| Water level in completed well                   | Dotted where approximate   |
| Location of drill sample                        | Dashed where uncertain   |
| Location of sample sealed for chemical analysis | est. K Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary |
| Sieve sample                                    | NR No recovery   |
| Grab sample                                     |  |

#### Boring Log and Well Completion Details MW-6

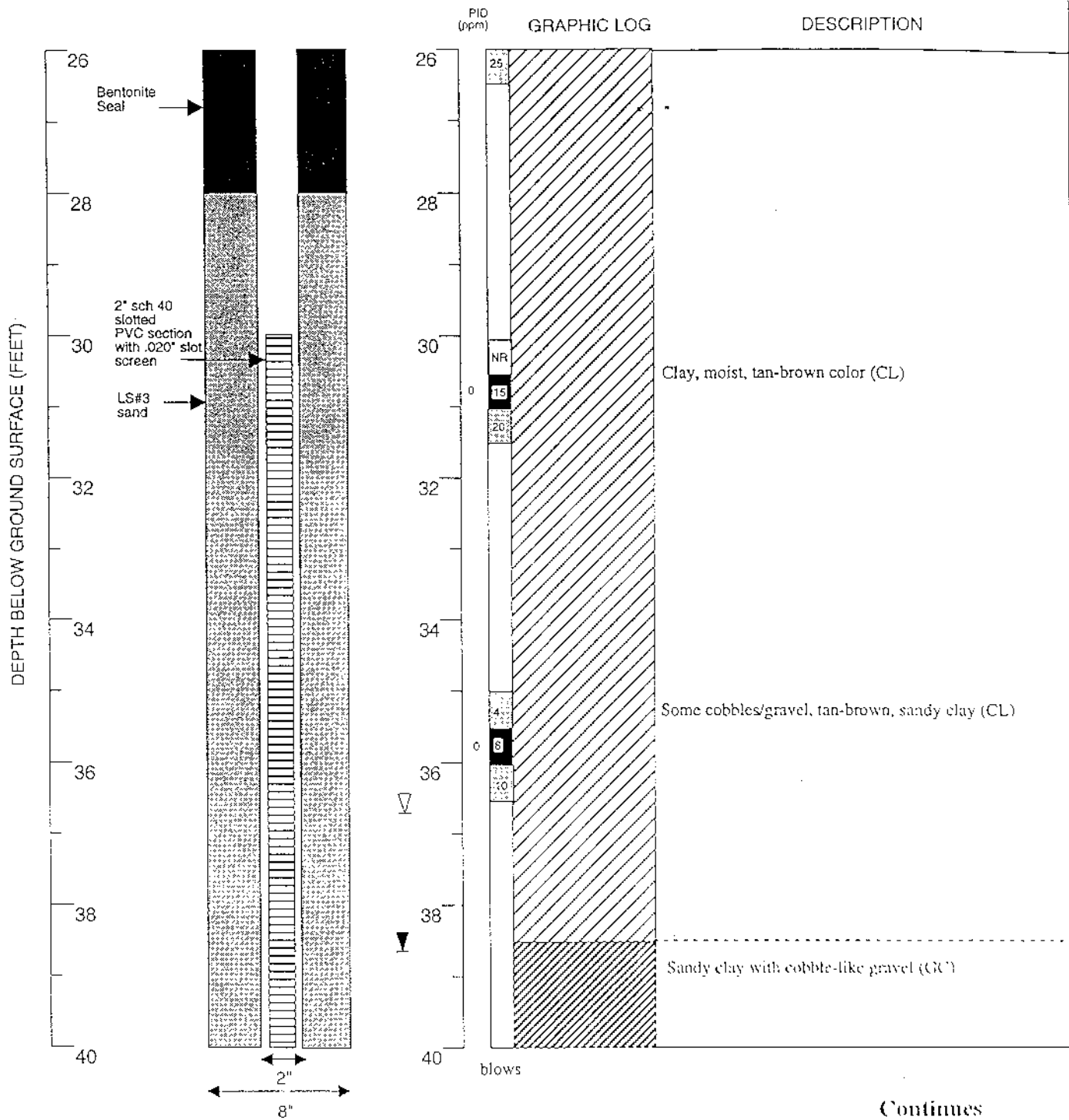
One Eastmont Mall  
Oakland, California

ARTESIAN ENVIRONMENTAL CONSULTANTS  
3175 KERNER BOULEVARD, SUITE 110, SAN RAFAEL, CALIFORNIA 94901 (415) 277-4000

MONITOR  
WELL

6

110 01 01



# EXPLANATION

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Contacts: Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Estimated permeability (hydraulic conductivity)  
1K = primary 2K = secondary
- No recovery

## Boring Log and Well Completion Details MW-6

One Eastmont Mall  
Oakland, California

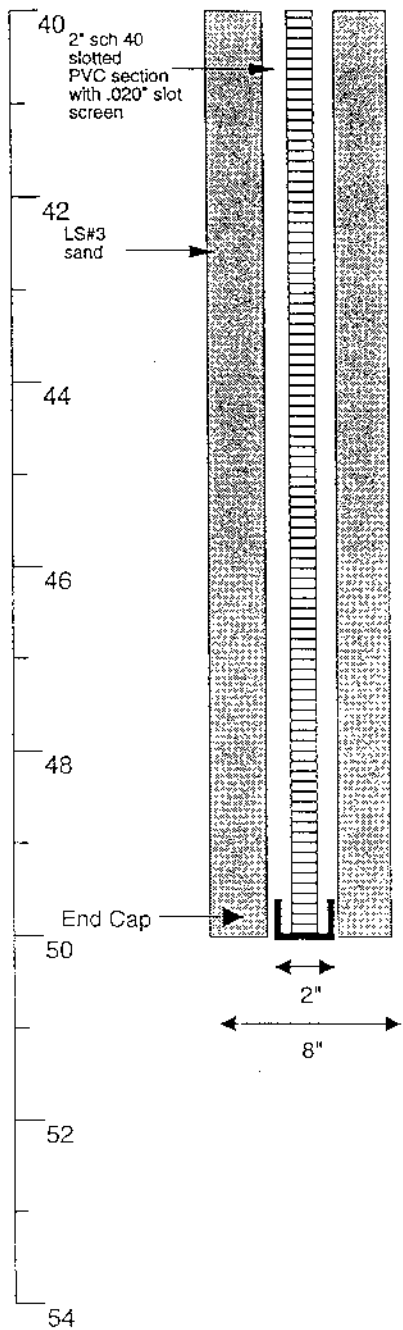
ARTESIAN ENVIRONMENTAL CONSULTANTS  
3175 KERNER BOULEVARD, SUITE D, SAN RAFAEL, CALIFORNIA 94901 (415) 351-4001

MONITOR  
WELL

6

110 01 01

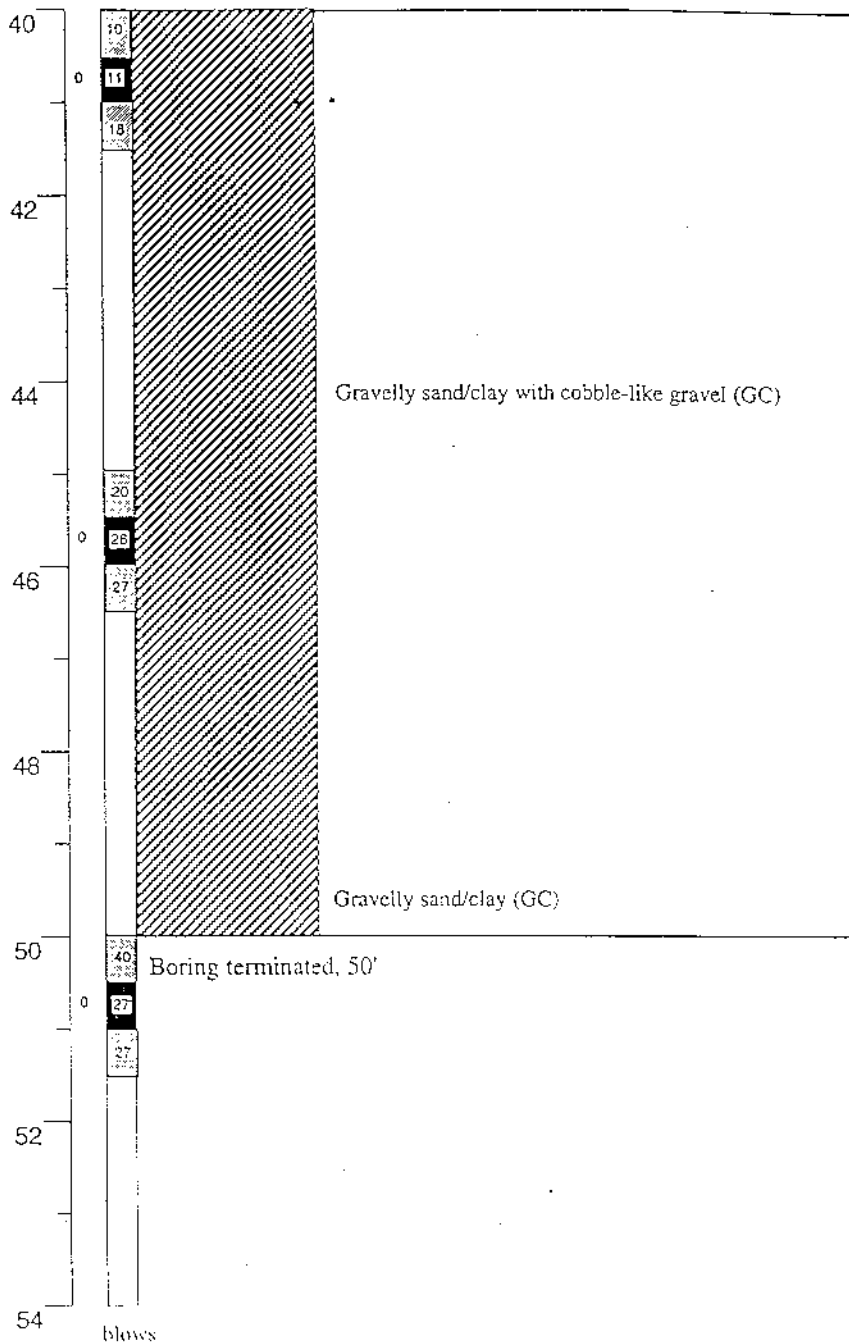
DEPTH BELOW GROUND SURFACE (FEET)



PID  
(ppm)

# GRAPHIC LOG

## DESCRIPTION



Final Page

## EXPLANATION

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Contacts: Solid where certain
- Dotted where approximate
- Dashed where uncertain
- est K Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR No recovery

## Boring Log and Well Completion Details MW-6

One Eastmont Mall  
Oakland, California

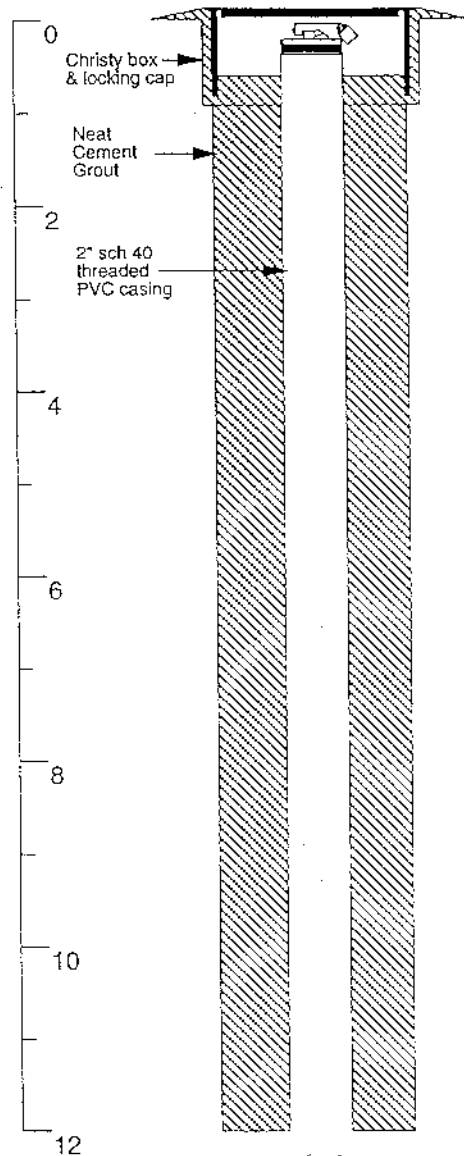
ARTISIAN ENVIRONMENTAL CONSULTANTS  
3175 KIRKMAN BOULEVARD, SUITE D, SAN RAFAEL, CALIFORNIA 94901 (415) 241-4800

MONITOR  
WELL

6

11/01/01

DEPTH BELOW GROUND SURFACE (FEET)

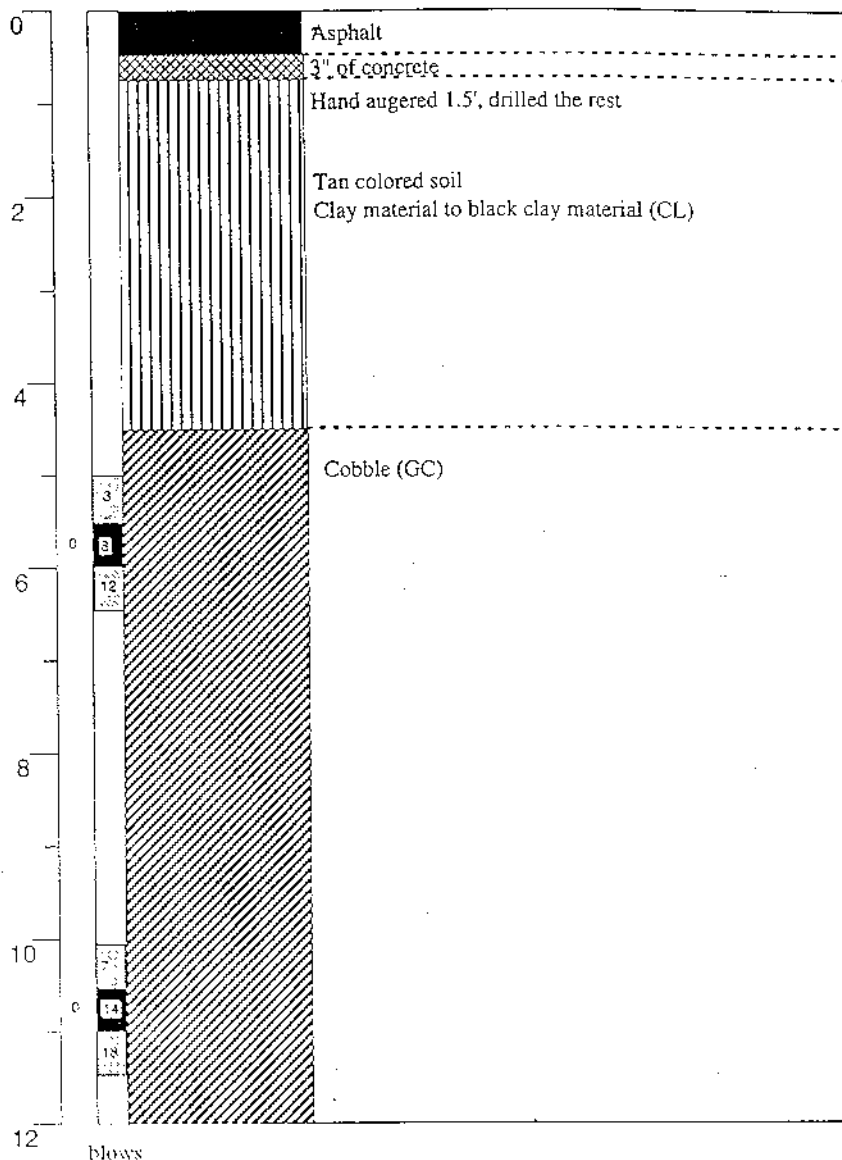


2"  
8"

P10  
(ppm)

# GRAPHIC LOG

# DESCRIPTION



blows

Continues

Logged by: Benjamin I. Mira  
Inspector:  
Dates Drilled: 9/14/93

Drilling Company: West HazMat  
Drilling Method: Hollow Stem Auger  
Driller: Bill Smith

Well Head Completion: Christy box & locking cap  
Type of Sampler: California Split Spoon  
TD (Total Depth): 50.0 ft.

## EXPLANATION

- Water level during drilling
- Water level in completed well
- Location of drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Contacts: Solid where certain.
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational
- Est K Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR No recovery

## Boring Log and Well Completion Details MW-9

One Eastmont Mall  
Oakland, California

ARTISMAN ENVIRONMENTAL CONSULTANTS  
411 KIRKMAN BOULEVARD SUITE 100, SAN RAFAEL, CALIFORNIA 94901 (415) 457-4800

MONITOR  
WELL

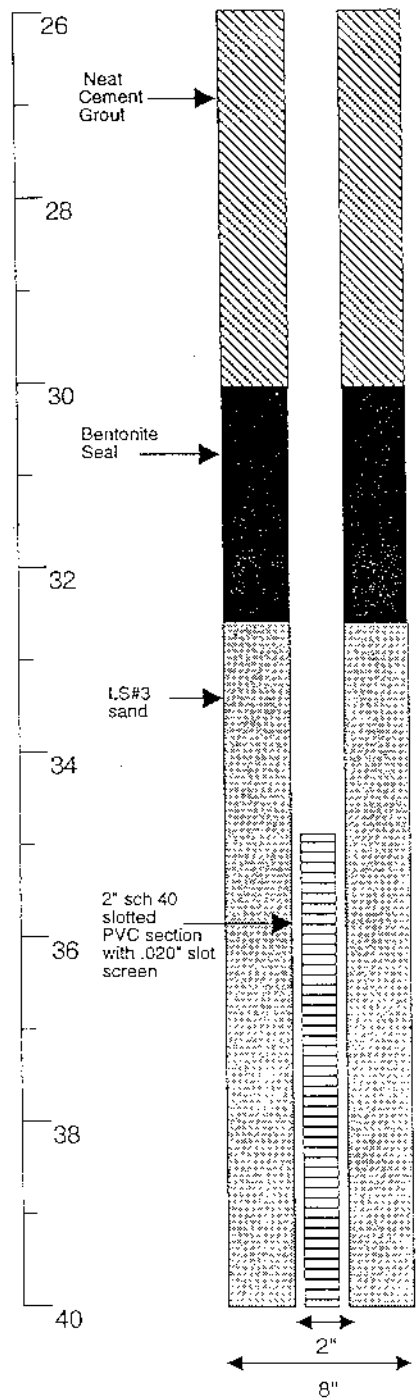
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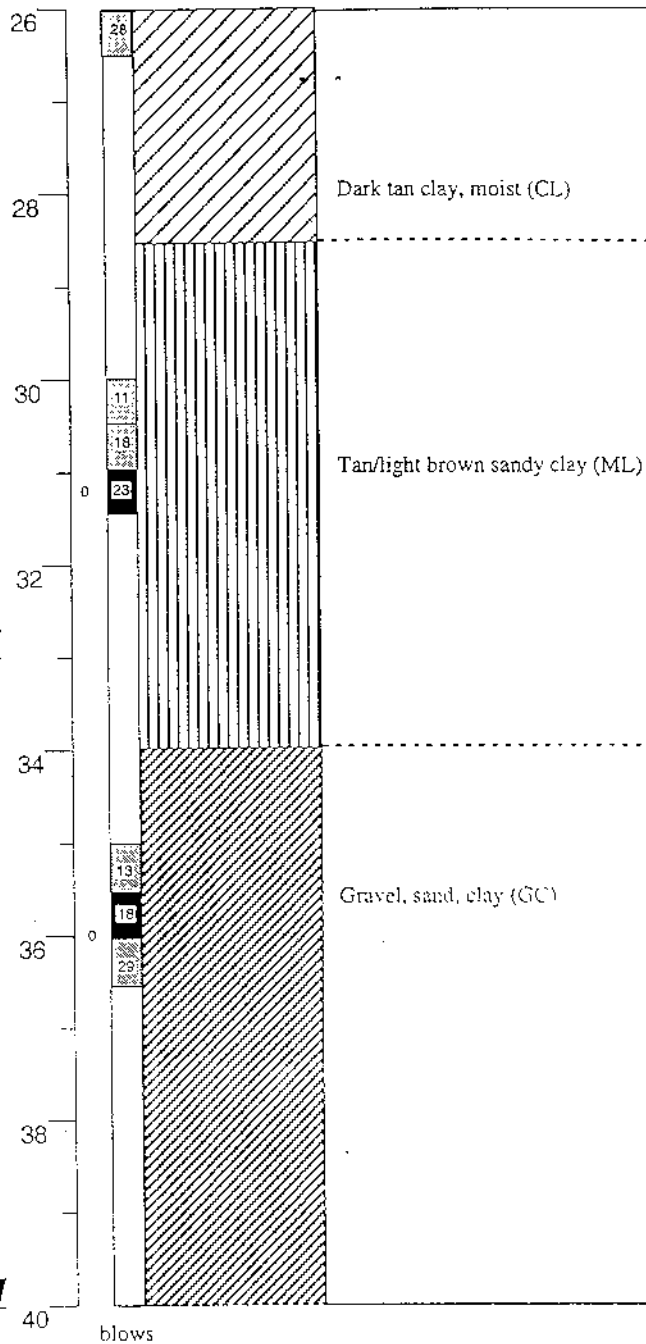
DEPTH BELOW GROUND SURFACE (FEET)



PID  
(ppm)

# GRAPHIC LOG

DESCRIPTION



Continues

## EXPLANATION

- Water level during drilling
- Water level in completed well
- Location of recovered drill sample
- Location of sample sealed for chemical analysis
- Sieve sample
- Grab sample
- Contacts: Solid where certain
- Dotted where approximate
- Dashed where uncertain
- Hachured where gradational
- est K Estimated permeability (hydraulic conductivity) 1K = primary 2K = secondary
- NR No recovery

## Boring Log and Well Completion Details MW-9

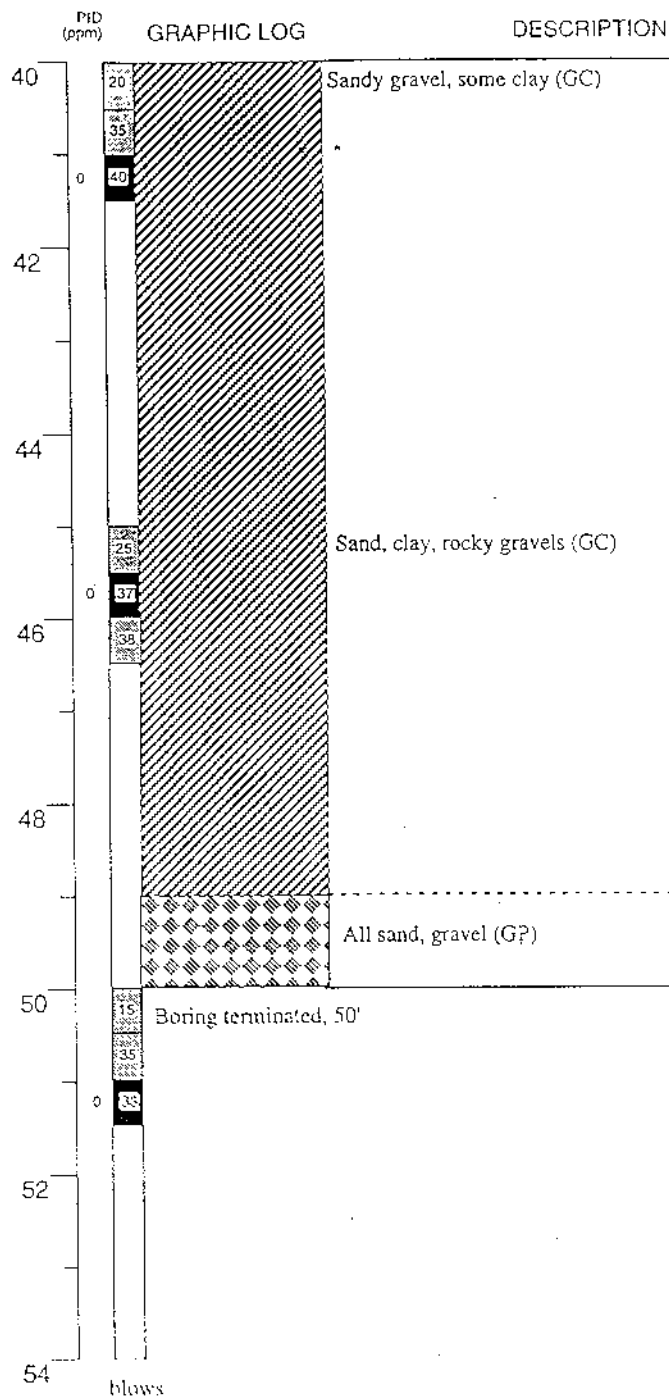
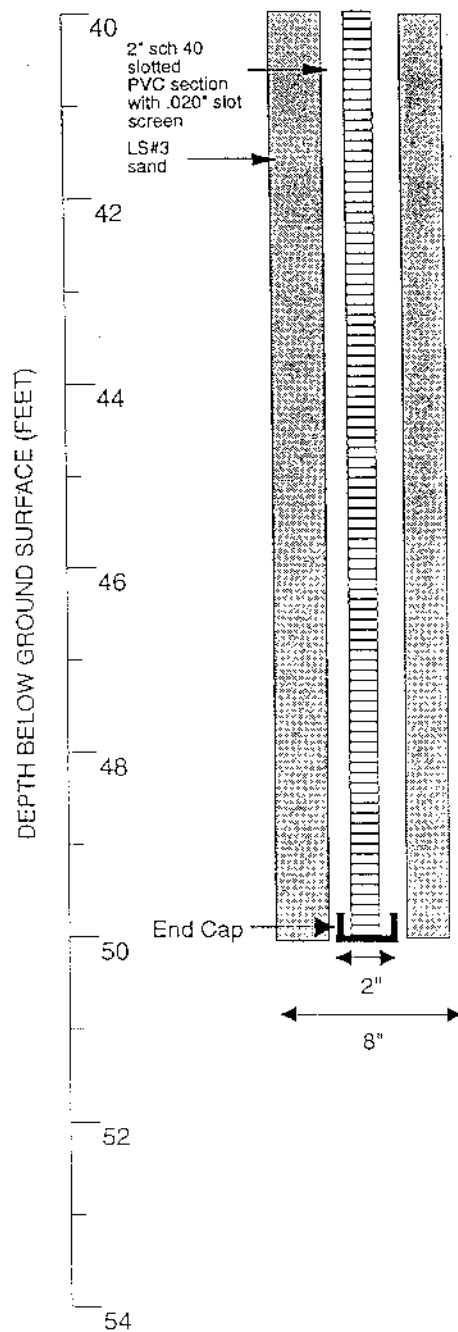
One Eastmont Mall  
Oakland, California

ARTESIAN ENVIRONMENTAL CONSULTANTS  
3175 KERNER BOULEVARD, SUITE 100, SAN RAFAEL, CALIFORNIA 94901 (415) 212-4800

MONITOR  
WELL

9

110 01 01



Final Page

# EXPLANATION

- |  |   |
|--|---|
| Water level during drilling                        | Contacts:<br>Solid where certain  |
| Water level in completed well                      | Dotted where approximate  |
| Location of recovered<br>drill sample              | Dashed where uncertain  |
| Location of sample sealed<br>for chemical analysis | Hatched where gradational   |
| Sieve sample                                       | est K Estimated permeability<br>(hydraulic conductivity)<br>1K = primary 2K = secondary |
| Grab sample  | NR No recovery  |

## Boring Log and Well Completion Details MW-9

One Westmont Mall  
Oakland, California

ARTHUR J. ENVIRONMENTAL CONSULTANTS  
1175 KILBURN BOULEVARD, SUITE E, SAN RAFAEL, CALIFORNIA 94901 (415) 251-4801

MONITOR  
WELL

9

11/10/01

TABLE 7

## CUMULATIVE GROUNDWATER ELEVATION MEASUREMENTS

*Eastmont Mall  
Oakland, California*

*October 1996*

Well Number	Well Casing Elevation	Date of Measurement	Depth to Groundwater	Groundwater Elevation	Average Gradient and Direction
MW-5	+ 42.07'	9-28-93	35.25'	6.82'	West
		12-29-93	36.10'	5.97'	0.007 ft/ft West
		10-19-95	30.10'	11.97'	0.005 ft/ft West
		3-6-96	29.40'	12.67'	0.004 ft/ft Northwest
		6-4-96	26.55'	15.52'	0.004 ft/ft Northwest
		9-30-96	30.10'	11.97'	0.002 ft/ft South
MW-6	+ 43.35'	9-28-93	36.85'	6.50'	West
		12-29-93	37.15'	6.20'	0.007 ft/ft West
		10-19-95	31.26'	12.09'	0.005 ft/ft West
		3-6-96	30.17'	13.18'	0.004 ft/ft Northwest
		6-4-96	28.00'	15.38'	0.004 ft/ft Northwest
		9-30-96	27.12'	16.23'	0.002 ft/ft South
MW-7	+ 44.37'	9-28-93	33.42'	10.95'	West
		12-29-93	34.25'	10.12'	0.007 ft/ft West
		10-19-95	28.78'	15.59'	0.005 ft/ft West
		3-6-96	28.97'	15.40'	0.004 ft/ft Northwest
		6-4-96	26.84'	17.53'	0.004 ft/ft Northwest
		9-30-96	27.96'	16.41'	0.002 ft/ft South
MW-8	+ 44.90'	9-28-93	32.10'	12.80'	West
		12-29-93	32.78'	12.15'	0.007 ft/ft West
		10-19-95	28.95'	15.95'	0.005 ft/ft West
		3-6-96	28.80'	16.10'	0.004 ft/ft Northwest
		6-4-96	26.92'	17.98'	0.004 ft/ft Northwest
		9-30-96	28.95'	15.95'	0.002 ft/ft South
MW-9	+ 44.18'	9-28-93	33.00'	11.18'	West
		12-29-93	33.97'	10.21'	0.007 ft/ft West
		10-19-95	29.18'	15.00'	0.005 ft/ft West
		3-6-96	28.09'	16.09'	0.004 ft/ft Northwest
		6-4-96	26.01'	18.17'	0.004 ft/ft Northwest
		9-30-96	29.02'	15.16'	0.002 ft/ft South

Note:

TABLE 18

## CUMULATIVE GROUNDWATER ANALYTICAL RESULTS

Eastmont Mall  
Oakland, California

October 1996

Well Number	Sampling Date	<sup>1</sup> TPH-g	<sup>2</sup> Benzene	<sup>2</sup> Toluene	<sup>2</sup> Ethyl-Benzene	<sup>2</sup> Xylene	<sup>3</sup> Naphthalene Benzo(a)Pyrene	<sup>4</sup> Volatile Organic Compounds
MW-5	12-29-93	ND	ND	ND	ND	ND	ns	ND
	10-19-95	ND	ND	ND	ND	ND	ND	ND
	3-6-96	ND	ND	ND	ND	ND	ns	ns
	6-4-96	ND	ND	ND	ND	ND	ns	ns
	9-30-96	ND	ND	ND	ND	ND	ns	ns
MW-6	12-29-93	73	13	ND	1.5	ND	ns	ND
	10-19-95	ND	ND	ND	ND	ND	ND	TCE - 1.4
	3-6-96	ND	ND	ND	ND	ND	ns	ND
	6-4-96	ND	ND	ND	ND	ND	ns	ND
	9-30-96	ND	ND	ND	ND	ND	ns	ND
MW-7	12-29-93	78	15	ND	1.7	ND	ns	ND
	10-19-95	ND	ND	ND	ND	ND	ND	ND
	3-6-96	ND	ND	ND	ND	ND	ns	ns
	6-4-96	ND	ND	ND	ND	ND	ns	ns
	9-30-96	ND	ND	ND	ND	ND	ns	ns
MW-8	12-29-93	ND	ND	ND	ND	ND	ns	ND
	10-19-95	ND	ND	ND	ND	ND	ND	ND
	3-6-96	ND	ND	ND	ND	ND	ns	ns
	6-4-96	ND	ND	ND	ND	ND	ns	ns
	9-30-96	ND	ND	ND	ND	ND	ns	ns
MW-9	12-29-93	ND	ND	ND	ND	ND	ns	ND
	10-19-95	ND	ND	ND	ND	ND	ND	ND
	3-6-96	ND	ND	ND	ND	ND	ns	ns
	6-4-96	ND	ND	ND	ND	ND	ns	ns
	9-30-96	ND	ND	ND	ND	ND	ns	ns

Notes: All concentration values were reported in  $\mu\text{g/kg}$  equivalent to parts per billion (ppb).

ND is equivalent to "None Detected" at or above the laboratory limit of detection.

ns is equivalent to Not Sampled or the sample was not analyzed.

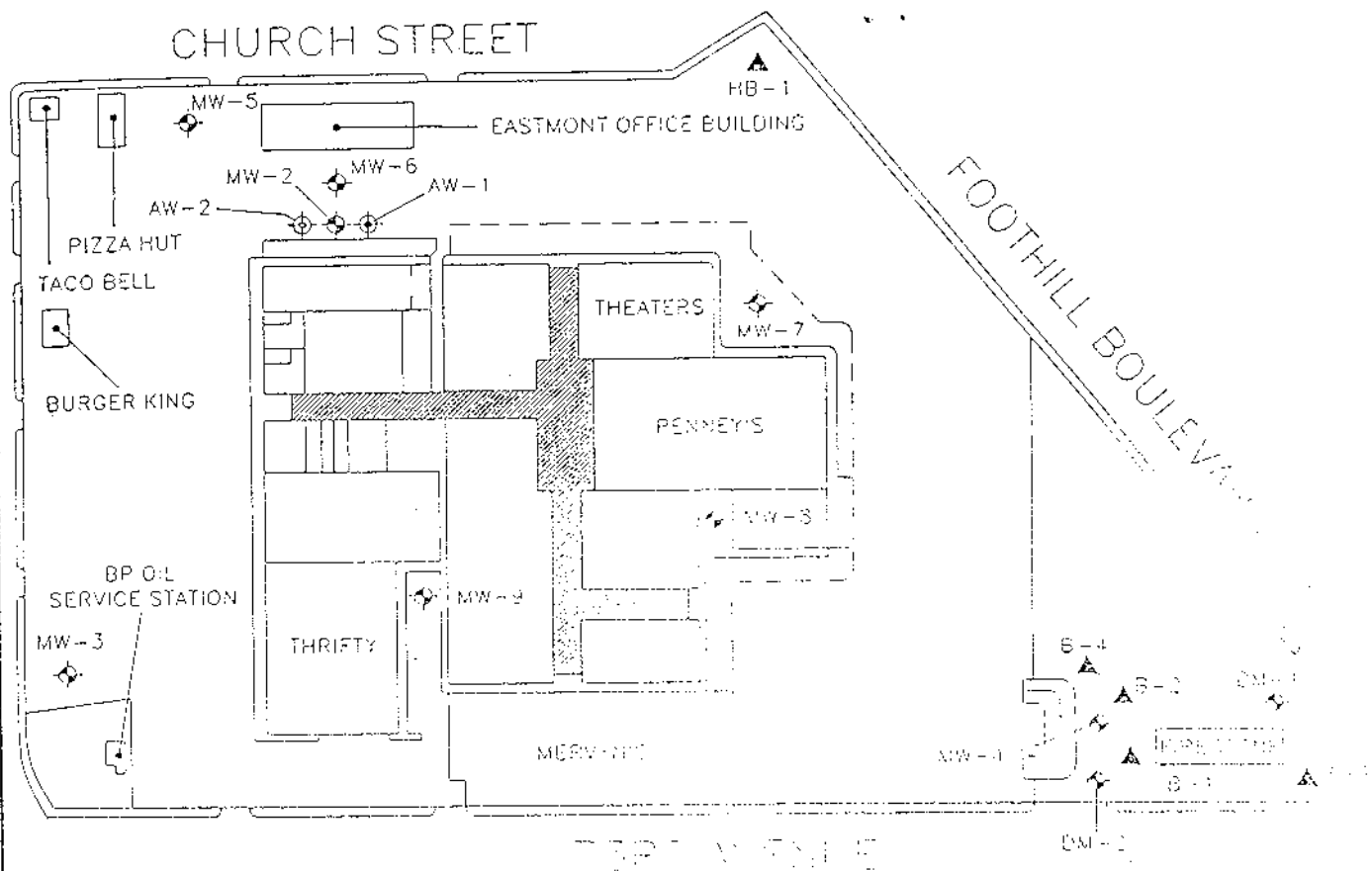
The Laboratory Limit of Detection for TPH-g is 50 ppb, for BTEX is 0.5 ppb.

<sup>1</sup>TPH-g, TPH-d, TPH-mo are equivalent to Total Petroleum Hydrocarbons as gasoline, diesel and motor oil, respectively and analyzed by EPA method 8015(m).

<sup>2</sup>Benzene, toluene, ethylbenzene, and xylene (BTEX) are volatile organic compounds found in fuels and analyzed by EPA method 8020.

<sup>3</sup>Benzo(a)pyrene and Naphthalene compounds are analyzed by EPA method 8010.

<sup>4</sup>Volatile organic compounds are analyzed by EPA method 8010.



**AllWest**  
AllWest Environmental, Inc.

November  
1995

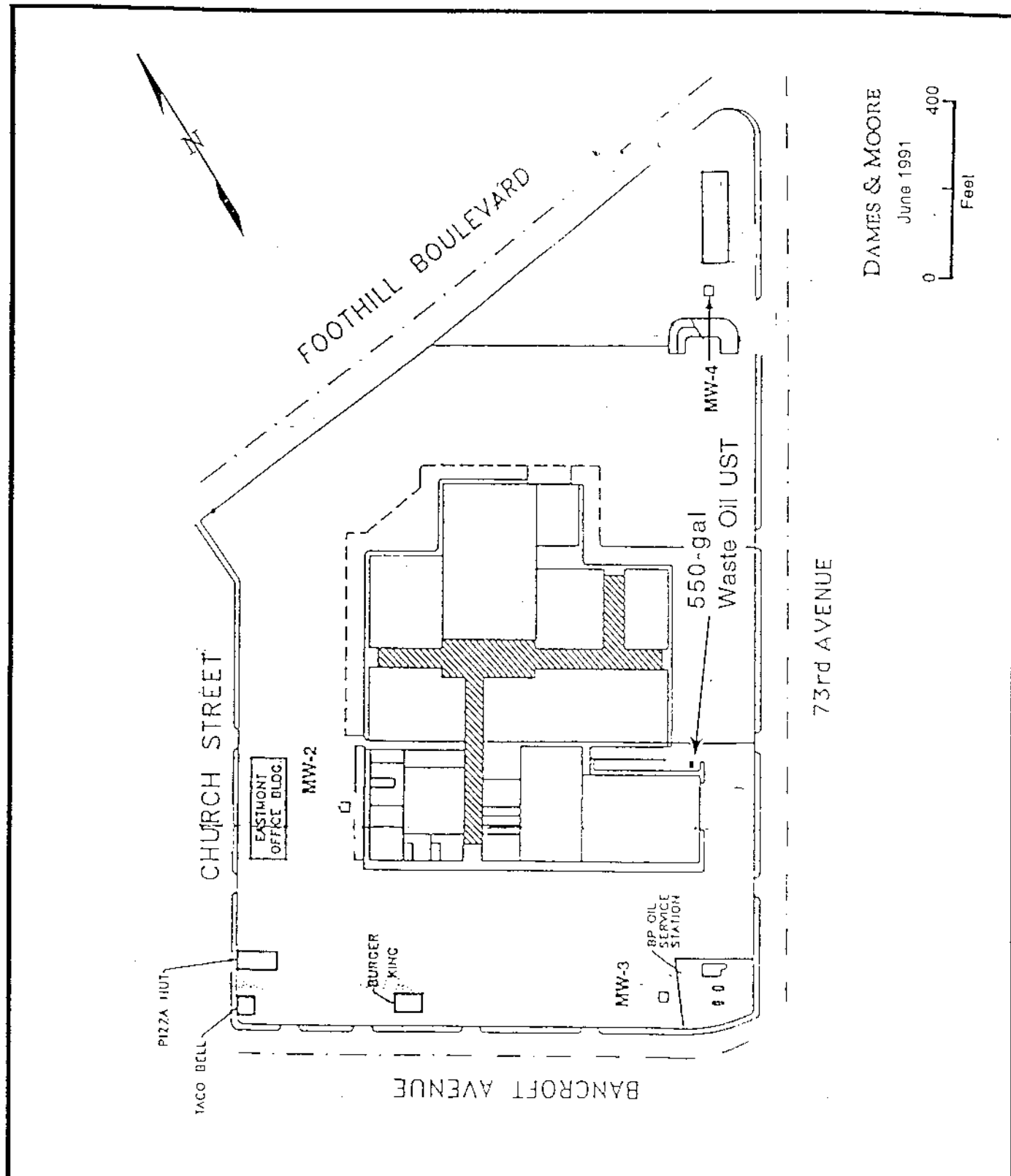
Generalized  
Site Map &  
Boring Locations

Project  
95278.23

Figure  
04

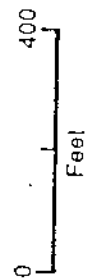
One Eastmont Mall,  
Oakland, California

Source  
AllWest



DAMES & MOORE

June 1991



**Artesian Environmental Consultants**  
 3100 Kerner Blvd., Ste. C  
 San Rafael, CA 94901  
 (415) 257-4801 fax (415) 257-4805

**SITE MAP**  
 The Eastmont Mall  
 One Eastmont Mall  
 Oakland, CA 94605

Project No.: 1695

Date: 9/27/95

Prepared by: J. French

Figure 85

EASTMONT AUTO CENTER

SERVICE BAY DOOR

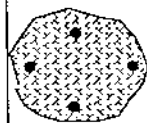
STORM DRAIN INLET

RAISED CURB

SURFACE MARKINGS  
INDICATING GAS LINE

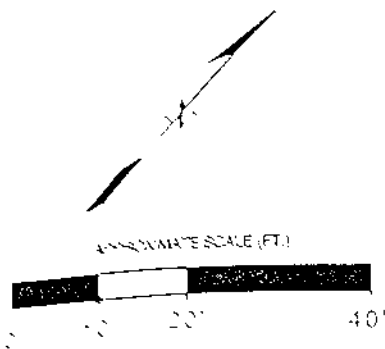
ENCOUNTERED TWO 6" DIA.  
SUBSURFACE UTILITY LINES

SOIL SAMPLE S1, 8 FT BGS  
SOIL SAMPLE S2, 10 FT. BGS



SOIL STOCKPILE &  
SOIL SAMPLE SS1,  
FOUR POINT COMPOSITE

PARKING STRUCTURE



SIDEWALK

73RD AVENUE

NOTES:

- ORIGINAL GROUND SURFACE
- OVEREXCAVATION AREA
- UNDERGROUND UTILITY LINES
- PROPOSED GAS LINE

Artesian Environmental Consultants  
3100 Kerner Blvd., Suite C  
San Rafael, CA 94901  
(415) 257-4200

SAMPLE LOCATION MAP  
The Eastmont Mall  
One Eastmont Mall  
Oakland, CA 94605

Project No. 1005

Date: 2/20/05

Prepared by: JF

Figure 6

Table 10. Summary of Soil Analytical Results

Project Site:  
Waste Oil UST Removal and Soil Remediation  
One Eastmont Mall  
Oakland, California

Artesian Environmental Job # 1695  
3100 Kerner Blvd., Suite C  
San Rafael, CA 94901  
(415) 257-4801

Sample Number	Date Sampled	O&G-T ppm	O&G-N-P ppm	TPH-d ppm	TPH-g ppm	Benzene ppb	Toluene ppb	Ethyl Benzene ppb	Xylenes ppb
S-1 Tank pit sample	10/23/95	410	330	160	ND	ND	ND	ND	ND
SS-1 Soil stockpile	10/23/95	11,110	8500	23,000	220	ND	360	1,700	9,500
S-2 Tank pit/overex. sample	12/19/95	1,500	1,300	ND*4	NA	NA	NA	NA	NA

Compound Name	Cd ppm	Cr ppm	Pb ppm	Ni ppm	Zn ppm	Creosote ppm	8010/8270 ppb	Other
S-1 Tank pit sample	ND	48	2.7	71	32	N.D.	N.D.	*2
SS-1 Soil stockpile	ND	38	12	39	30	N.D.	*1	*3
S-2 Tank pit/overex. sample	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:  
\*1 = 1,2,3,4-Dichlorobenzene, 2,3 ppb tetrachloroethene  
\*2 = pH = 5.5, Solids = 55, Cyanide = ND  
\*3 = pH = 7.1, Solids = 62 ppm, Cyanide = ND; Flashpoint/ignitability => 140 degrees F  
ND\*4 = ND for diesel, 610 ppm for TPH motor oil by Method M8615  
ppm = parts per million  
ppbw = parts per million  
NA = not analyzed, ND = below reporting level (non-detect)  
C&C = total grease, T = total, N-T = non-polar  
TPH-d = total petroleum hydrocarbons as diesel  
TPH-g = total petroleum hydrocarbons as gasoline  
B-T-E-B = benzene, toluene, ethyl benzene, and total xylenes



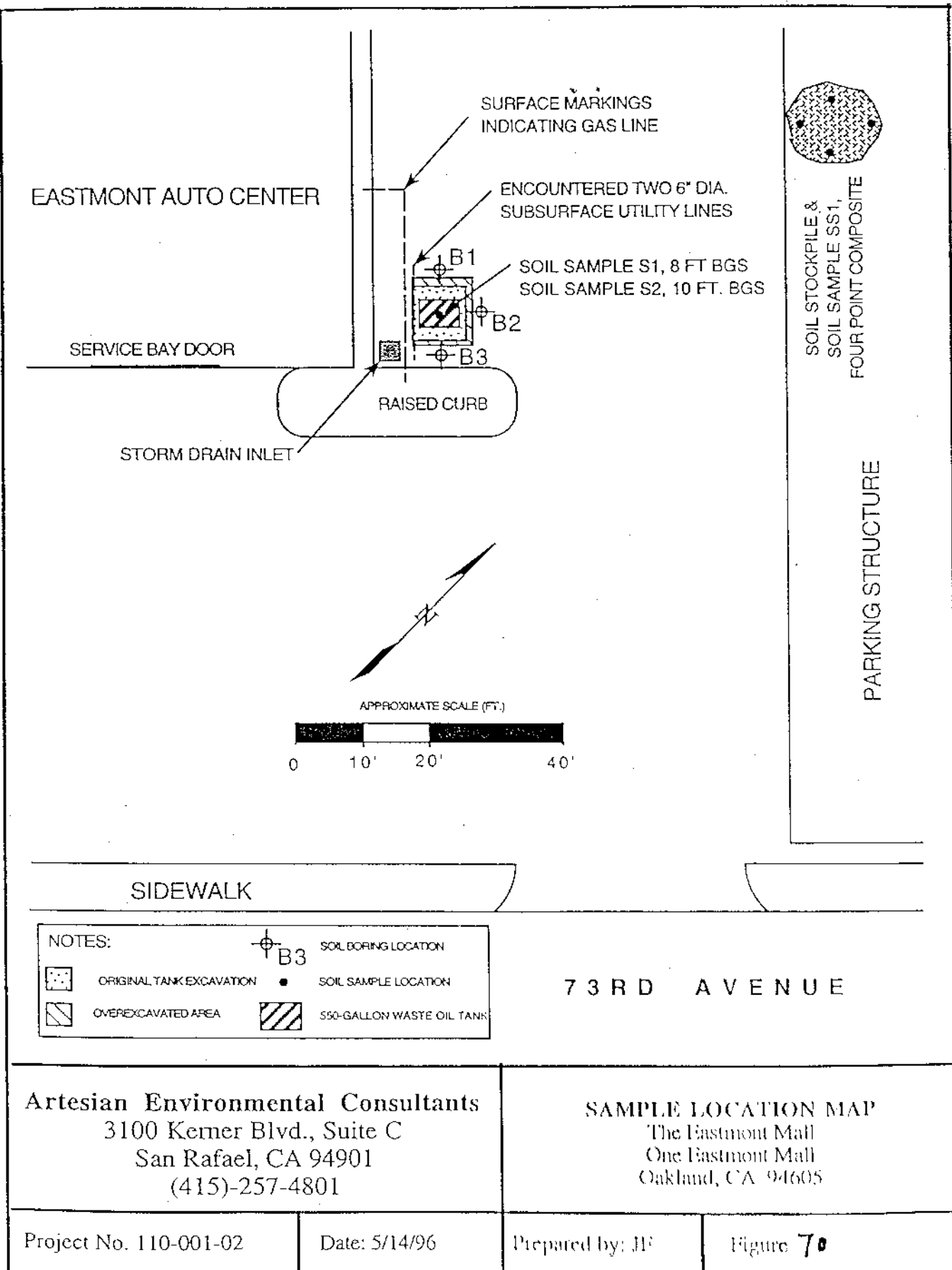


TABLE 1). ANALYTICAL LABORATORY RESULTS  
THE EASTMONT MALL  
7100 BANCROFT AVENUE  
OAKLAND, CALIFORNIA

SOIL			
Sample Number	Sample Date	TPH-MO mg/Kg	Oil & Grease mg/Kg
B1 15'	4/10/96	<50	<50
B1 25'	4/10/96	<50	<50
B2 15'	4/10/96	<50	<50
B2 30'	4/10/96	<50	<50
B3 15'	4/10/96	<50	<50
B3 35'	4/10/96	<50	<50
GROUNDWATER			
Sample Number	Sample Date	TPH-MO ug/L	Oil & Grease mg/L
B1 AQ	4/10/96	4300	<1
B2 AQ	4/10/96	<500	<1
B3 AQ	4/10/96	<500	<1

Notes:

<50 = Analyte concentration below indicated laboratory reporting limit

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil

mg/Kg = Milligrams per Kilogram, equivalent to parts per million

ug/L = Milligrams per Liter, equivalent to parts per billion

mg/L = Milligrams per Liter, equivalent to parts per million

See laboratory report for analytical methods

# REPORT

## THIRD QUARTER 2004 GROUNDWATER MONITORING

FORMER BP SERVICE STATION #11117  
7210 BANCROFT AVENUE  
OAKLAND, CALIFORNIA

*Prepared for*  
RM

October 5, 2004

**URS**

URS Corporation  
1333 Broadway, Suite 800  
Oakland, California 94612

38486800

Date: October 5, 2004  
Quarter: 3Q 04

### RM QUARTERLY GROUNDWATER MONITORING REPORT

Facility No.: 11117 Address: 7210 Bancroft Avenue, Oakland, CA  
RM Environmental Business Manager: Kyle Christie  
Consulting Co./Contact Person: URS Corporation / Leonard Niles  
Consultant Project No.: 38486800  
Primary Agency: Alameda County Environmental Health (ACEH)

#### WORK PERFORMED THIS QUARTER (Third- 2004):

1. Performed third quarter groundwater monitoring event on August 31, 2004.
2. Prepared and submitted third quarter 2004 groundwater monitoring report.

#### WORK PROPOSED FOR NEXT QUARTER (Fourth- 2004):

1. Perform fourth quarter 2004 groundwater monitoring event.
2. Prepare and submit fourth quarter 2004 groundwater monitoring report.
3. Perform soil and groundwater investigation, pending ACHCSA approval of workplan.

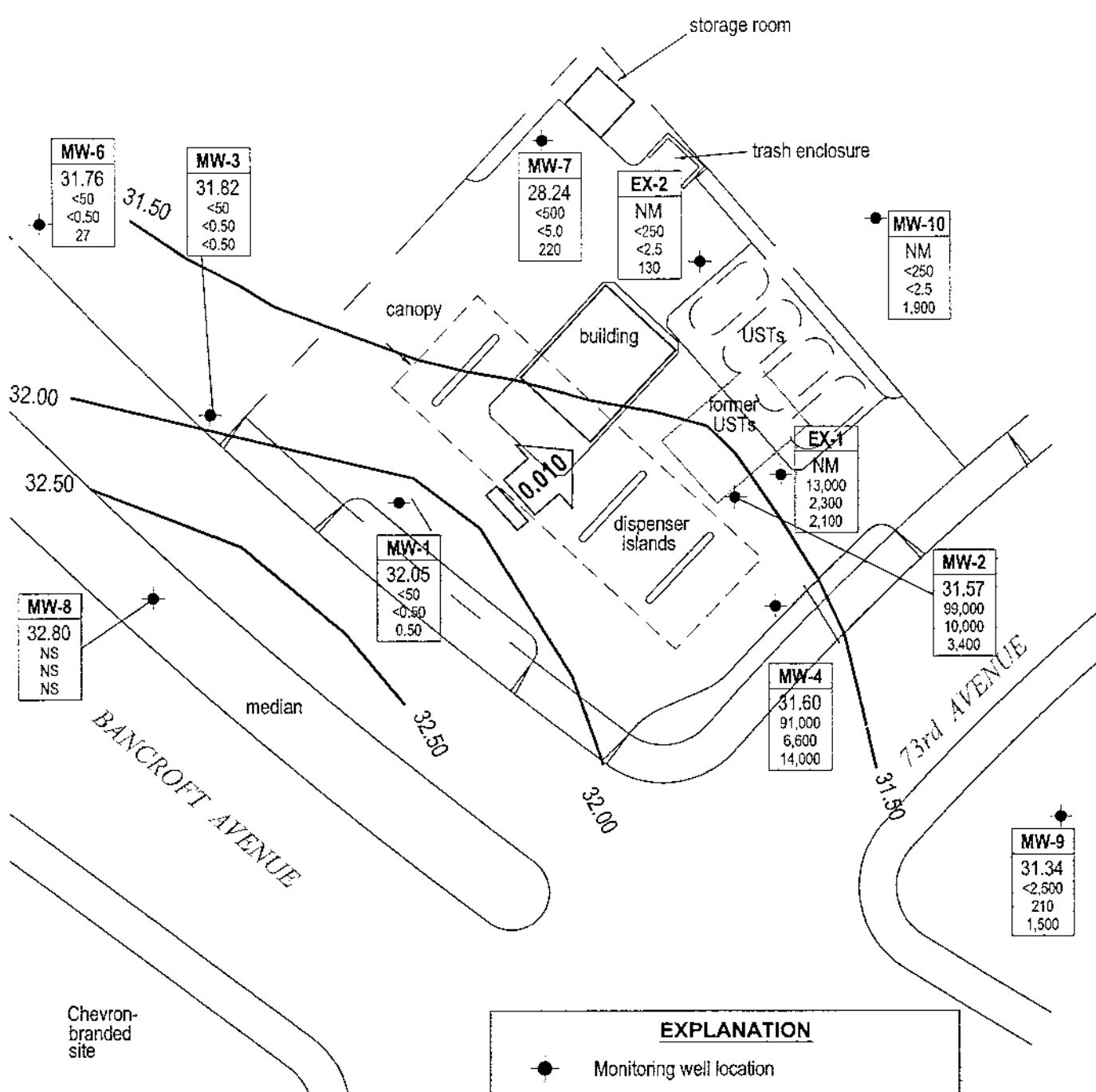
Current Phase of Project:	<u>Groundwater monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Wells EX-1, -2, MW-1, -2, -4, -6, -7, -10 quarterly; Wells MW-9 and MW-3 semi-annually (1<sup>st</sup> and 3<sup>rd</sup> quarters); Well MW-8 annually (1<sup>st</sup> quarter).</u>
Frequency of Groundwater Monitoring:	<u>Quarterly</u>
Is Free Product (FP) Present On-Site:	<u>No</u>
Current Remediation Techniques:	<u>Monitored Natural Attenuation</u>
Approximate Depth to Groundwater:	<u>17.75 (MW-1) to 23.16 (MW-7) feet</u>
Groundwater Gradient (direction):	<u>Northeast</u>
Groundwater Gradient (magnitude):	<u>0.010 feet per foot</u>

#### DISCUSSION:

Gasoline Range Organics (GRO) were detected above laboratory reporting limits in three of the ten wells sampled this quarter at concentrations ranging from 13,000 µg/L (EX-1) to 99,000 µg/L (MW-2). Benzene was detected above laboratory reporting limits in four wells at concentrations ranging from 210 µg/L (MW-9) to 10,000 µg/L (MW-2). Methyl tert-butyl ether (MTBE) was detected above laboratory reporting limits in nine wells at concentrations ranging from 0.50 µg/L (MW-1) to 14,000 µg/L (MW-4). Tert-Amyl methyl ether (TAME) was detected in one well at a concentration of 3.4 µg/L (EX-2). No other fuel additives were detected above laboratory reporting limits. Due to very low or non-detectable concentrations of GRO, BTEX, and MTBE in wells MW-1, MW-3, MW-6 during the previous five monitoring events, URS recommends that the sampling schedule for these wells be reduced to an annual basis.

**ATTACHMENTS:**

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – August 31, 2004
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 –Groundwater Flow Direction and Gradient
- Attachment A – Concentration and Water Level Trends (MW-4, MW-2, MW-10)
- Attachment B – Field Procedures and Field Data Sheets
- Attachment C – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment D – EDCC Report and EDF/Geowell Submittal Confirmation



Chevron-branded site



NORTH

0 40 80

SCALE IN FEET

NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

#### EXPLANATION



Monitoring well location

Well

Well designation

ELEV

Groundwater elevation (ft above MSL)

GRO

GRO, Benzene and MTBE concentrations in micrograms per liter (µg/L)

Benzene

MTBE

Groundwater flow gradient and direction (ft/ft)

0.013

Groundwater flow gradient and direction (ft/ft)

35.00

Groundwater elevation contour (ft above MSL)

<

Not detected at or above laboratory reporting limit

NM

Not measured

NS

Not sampled

**URS**

Project No. 38486800  
Former BP Service Station #11117  
7210 Bancroft Avenue  
Oakland, California

**GROUNDWATER ELEVATION CONTOUR  
AND ANALYTICAL SUMMARY MAP**  
Third Quarter 2004 (August 31, 2004)

FIGURE

1

**Table 1**  
**Groundwater Elevation and Analytical Data**  
 Former BP Service Station #11117  
 7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	D1W (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	GRO/TPH-G (p)	DRO/TPH-D (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-1	1/5/1992	49.80	33.16	---	16.64	57000	---	50000	2400	1000	1100	3100	---	ND	---	---
MW-1	1/10/1992	49.80	33.16	---	16.64	---	---	---	---	---	---	---	---	---	---	---
MW-1	6/5/1992	49.80	29.01	---	20.79	31000	---	---	2800	2100	800	2300	---	---	---	---
MW-1	7/24/1992	49.80	29.45	---	20.35	---	---	---	---	---	---	---	---	---	---	---
MW-1	7/27/1992	49.80	29.45	---	20.35	---	---	---	---	---	---	---	---	---	---	---
MW-1	9/15/1992	49.80	30.53	---	19.27	---	---	---	---	---	---	---	---	---	---	---
QC-1 (d)	9/15/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	12/15/1992	49.80	31.26	---	18.54	36000	---	1200	(c) 3400	3000	1300	3400	---	---	---	---
QC-1 (d)	12/15/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	3/15/1993	49.80	24.80	---	25.00	27000	---	1100	(c) 3800	3400	1400	3800	---	---	---	---
QC-1 (d)	3/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	6/7/1993	49.80	25.01	---	24.79	15000	---	580	1700	1200	590	1800	---	(f)	---	---
QC-1 (d)	6/7/1993	---	---	---	---	---	---	---	---	---	---	---	---	(f)	---	---
MW-1	9/23/1993	49.80	28.70	---	21.10	40000	---	770	0.7	0.7	ND<0.5	ND<0.5	---	(f)	---	---
MW-1	12/27/1993	49.80	28.66	---	21.14	27000	---	---	4000	500	920	3000	6619	(e)(f)	---	---
QC-1 (d)	12/27/1993	---	---	---	---	---	---	---	---	---	---	---	---	(e)(f)	---	---
MW-1	4/5/1994	49.80	26.37	---	23.43	27000	---	---	1700	380	830	2400	9219	(e)(f)	---	---
QC-1 (d)	4/5/1994	---	---	---	---	---	---	---	---	---	---	---	---	(e)(f)	---	---
MW-1	7/22/1994	49.80	26.54	---	23.26	1700	---	---	3400	930	950	2900	8595	(e)(f)	1.3	---
MW-1	10/13/1994	49.80	27.46	---	22.34	1200	---	---	220	2.3	2.0	3.4	262	(e)(f)	2.0	---
MW-1	1/25/1995	49.80	20.96	---	28.84	5200	---	---	250	21	ND<0.5	3.2	321	(e)(f)	2.6	---
MW-1	4/19/1995	49.80	19.59	---	30.21	1000	---	---	420	8	13	4	---	(e)(f)	---	---
MW-1	7/5/1995	49.80	19.61	---	30.19	320	---	---	4.2	ND<0.50	ND<0.50	ND<1.0	---	---	6.0	---
MW-1	10/5/1995	49.80	24.40	---	25.40	5800	---	---	1000	40	31	180	7800	---	4.6	---
MW-1	1/12/1996	49.80	25.44	---	24.36	370	---	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	2.3	---
MW-1	4/22/1996	49.80	18.02	---	31.78	ND<50	---	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	3.7	---
MW-1	7/2/1996	49.80	19.72	---	30.08	---	---	---	---	---	---	---	---	---	3.9	---
MW-1	7/3/1996	49.80	---	---	---	ND<250	---	---	---	---	---	---	---	---	---	---
MW-1	11/8/1996	49.80	19.98	---	29.82	ND<50	---	---	ND<2.5	ND<5	ND<5	ND<5	ND<50	---	3.6	---
MW-1	1/3/1997	49.80	19.49	---	30.31	ND<50	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.3	---
MW-1	4/28/1997	49.80	20.20	---	29.60	ND<50	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.6	---
MW-1	7/1/1997	49.80	22.53	---	27.27	ND<50	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.9	---
MW-1	10/2/1997	49.80	24.27	---	25.53	ND<50	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.6	---
MW-1	1/9/1998	49.80	21.07	---	28.73	ND<50	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.2	---
MW-1	5/6/1998	49.80	14.94	---	34.86	60	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.8	---
MW-1	7/21/1998	49.80	15.11	---	34.69	70	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.8	---
MW-1	12/30/1998	49.80	19.95	---	29.85	---	---	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	---	---
MW-1	2/2/1999	49.80	19.12	---	30.68	420	---	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	390	---	---	---
MW-1	5/10/1999	49.80	15.51	---	34.29	---	---	---	---	---	---	---	---	---	---	---
MW-1	9/23/1999	49.80	21.65	---	28.15	440	---	---	49	ND<1.0	ND<1.0	ND<1.0	910	---	---	---
MW-1	12/23/1999	49.80	22.32	---	27.48	---	---	---	---	---	---	---	---	---	---	---

X:\X\_ENVL\_WASTE\BP\_GEMSITES  
 11NILES\_SITES\1117\REPORTS  
 MONITORING\QTR\_2\_2004  
 TABLES\1117\_GWA\_2Q04\_XL\_S065\06/2004

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	GRO/TPH-D (p)	DRO/TPH-D (ug/l)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTHC (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-1	3/27/2000	49.80	15.72	---	34.08	2500	---	---	230	3.0	83	36	4400	---	---	---
MW-1	5/22/2000	49.80	16.92	---	32.88	---	---	---	---	---	---	---	---	---	---	---
MW-1	8/31/2000	49.80	20.12	---	29.68	1700	---	---	18	5.5	7.9	5.0	510	---	---	---
MW-1	12/11/2000	49.80	20.72	---	29.08	---	---	---	---	---	---	---	---	---	---	---
MW-1	3/20/2001	49.80	15.91	---	33.89	880	---	---	38.2	ND<0.5	24.1	ND<1.5	391	---	---	---
MW-1	6/19/2001	49.80	18.38	---	31.42	---	---	---	---	---	---	---	---	---	---	---
MW-1	9/20/2001	49.80	21.23	---	28.57	3700	---	---	409	19.8	42	32.5	2510	---	---	---
MW-1	12/27/2001	49.80	16.72	---	33.08	750	---	---	70.1	0.536	4.74	3.76	649	---	---	---
MW-1	2/28/2002	49.80	15.25	---	34.55	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	8.7	---	---	---
MW-1	6/28/2002	49.80	16.57	---	33.23	110	---	---	0.977	ND<0.5	0.818	ND<1.0	8.35	---	---	---
MW-1	9/12/2002*	49.80	18.41	---	31.39	98	---	---	2.7	1.5	1.5	5.4	48	---	---	6.9
MW-1	12/12/2002	49.80	20.26	---	29.54	210	---	---	1.9	ND<0.50	ND<0.50	ND<0.50	32	---	---	6.8
MW-1	3/10/2003	49.80	16.22	---	33.58	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.2	---	---	6.9
MW-1	5/12/2003	49.80	14.30	---	35.50	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	---	---	7.1
MW-1 (n)	8/27/2003	49.80	18.15	---	31.65	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.2	---	---	7.1
MW-1	11/10/2003	49.80	19.24	---	30.56	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.51	---	---	6.8
MW-1	2/3/2004	49.80	14.84	---	34.96	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	---	---	7.0
MW-1	5/4/2004	49.80	14.67	---	35.13	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	---	---	7.1
MW-1	8/31/2004	49.80	17.75	---	32.05	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.50	---	---	7.1



**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b) (ug/L)	DRO/TPH-D (p) (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-2	1/5/1992	51.07	DRY	---	DRY	---	---	---	---	---	---	---	---	---	---
MW-2	1/10/1992	51.07	DRY	---	DRY	---	---	---	---	---	---	---	---	---	---
MW-2	6/5/1992	51.07	30.05	---	21.02	11000	---	2000	180	490	1900	---	---	---	---
MW-2	7/24/1992	51.07	30.72	---	20.35	---	---	---	---	---	---	---	---	---	---
MW-2	7/27/1992	51.07	30.52	---	20.55	---	---	---	---	---	---	---	---	---	---
MW-2	9/15/1992	51.07	31.56	---	19.51	75000	3200	(c) 2000	6500	2300	13000	---	---	---	---
MW-2	12/15/1992	51.07	32.40	---	18.67	34000	1600	(c) 6200	8900	2000	7900	---	---	---	---
MW-2	3/15/1993	51.07	26.14	---	24.93	150000	8400	12000	18000	3200	22000	82000 (e)	---	---	---
MW-2	6/7/1993	51.07	26.38	SUBEN	24.69	---	---	---	---	---	---	---	---	---	---
MW-2	9/23/1993	51.07	31.43	1.92	21.08	---	---	---	---	---	---	---	---	---	---
MW-2	12/27/1993	51.07	34.07	1.07	17.80	---	---	---	---	---	---	---	---	---	---
MW-2	4/5/1994	51.07	30.44	3.30	23.11	---	---	---	---	---	---	---	---	---	---
MW-2	7/22/1994	51.07	28.51	0.80	23.16	---	---	---	---	---	---	---	---	---	---
MW-2	10/13/1994	51.07	29.33	0.70	22.27	---	---	---	---	---	---	---	---	---	---
MW-2	1/25/1995	51.07	25.55	4.25	28.71	---	---	---	---	---	---	---	---	---	---
MW-2	4/19/1995	51.07	19.78	0.12	31.38	---	---	---	---	---	---	---	---	---	---
MW-2	7/5/1995	51.07	20.88	0.09	30.26	140000	---	14000	30000	3500	26000	---	---	---	---
MW-2	10/5/1995	51.07	24.68	0.10	26.47	---	---	---	---	---	---	---	---	---	---
MW-2	1/12/1996	51.07	25.72	0.06	25.40	---	---	---	---	---	---	---	---	---	---
MW-2	4/22/1996	51.07	19.33	0.08	31.80	---	---	---	---	---	---	---	---	---	---
MW-2	7/2/1996	51.07	20.01	0.04	31.09	---	---	---	---	---	---	---	---	---	---
MW-2	11/8/1996	51.07	20.28	0.01	30.80	---	---	---	---	---	---	---	---	---	---
MW-2	1/3/1997	51.07	19.87	0.02	31.22	---	---	---	---	---	---	---	---	---	---
MW-2	4/28/1997	51.07	20.59	0.01	30.49	560000	---	1200	1300	290	2310	6100	---	3.9	---
MW-2	7/1/1997	51.07	22.90	0.01	28.18	24000	---	15000	16000	4900	24400	63000	---	3.7	---
QC-1 (d)	7/1/1997	---	---	---	---	150000	---	14000	13000	1800	14200	57000	---	---	---
MW-2	10/2/1997	51.07	24.65	0.02	26.44	---	---	---	---	---	---	---	---	---	---
MW-2	10/3/1997	51.07	---	---	---	250000	---	32000	39000	6000	42000	160000	---	4.5	---
MW-2	1/9/1998	51.07	21.22	0.01	29.86	420000	---	23000	29000	5800	43000	75000	---	4.0	---
QC-1 (d)	1/9/1998	---	---	---	---	300000	---	20000	25000	5200	37000	84000	---	---	---
MW-2	5/6/1998	51.07	15.10	0.01	35.98	180000	---	25000	26000	3400	22900	35000	---	3.7	---
MW-2	7/21/1998	51.07	15.31	0.01	35.77	270000	---	21000	20000	2700	18800	34000	---	3.8	---
MW-2	12/30/1998	51.07	21.10	0.10	30.05	300000	---	22000	24000	4200	26000	89000/95000 (f)	---	---	---
MW-2	2/2/1999	51.07	20.11	---	30.96	410000	---	27000	43000	6700	50000	20000	---	---	---
MW-2	5/10/1999	51.07	16.68	---	34.39	220000	---	20000	20000	2800	20000	100000	---	---	---
MW-2	9/23/1999	51.07	22.50	---	28.57	160000	---	21000	24000	2900	20000	44000	---	---	---
MW-2	12/23/1999	51.07	22.64	---	28.43	170000	---	25000	41000	3100	24000	40000	---	---	---
MW-2	3/27/2000	51.07	16.88	---	34.19	140000	---	15000	25000	3400	21000	19000	---	---	---
MW-2	5/22/2000	51.07	17.75	---	33.32	150000	---	18000	31000	3500	22000	26000	---	---	---
MW-2	8/31/2000	51.07	21.97	---	29.10	200000	---	16000	26000	2500	16000	38000	---	---	---
MW-2	12/11/2000	51.07	22.05	---	29.02	130000	---	18600	30000	3250	20600	21700	---	---	---

**Table 1**  
**Groundwater Elevation and Analytical Data**  
 Former BP Service Station #11117  
 7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (feet)	DTW (feet)	PRODUCT THICKNESS (feet)	GWE (feet)	GRO/TPH-G (b) (ug/L)	DRO/TPH-D (p) (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-2	3/20/2001	51.07	17.75	---	33.32	140,000	---	15,900	24,800	3,700	22,100	12,900	---	---	---
MW-2	6/19/2001	51.07	20.15	---	30.92	130,000	---	15,100	19,500	3,300	21,400	20,300	---	---	---
MW-2	9/20/2001	51.07	22.14	---	28.93	110,000	---	12,400	12,600	2,230	13,000	39,500	---	---	---
MW-2	12/27/2001	51.07	18.17	---	32.90	150,000	---	17,500	26,000	3,050	19,500	27,500	---	---	---
MW-2	2/28/2002	51.07	17.42	---	33.65	120,000	---	13,900	18,800	3,030	19,600	17,300	---	---	---
MW-2	6/28/2002***	51.07	17.04	---	34.03	3700	---	190	23.3	139	287	826	---	---	---
MW-2	9/12/2002*	51.07	19.52	---	31.55	100,000	---	13,000	22,000	3,600	20,000	18,000	---	---	6.6
MW-2	12/12/2002	51.07	21.08	---	29.99	120,000	---	13,000	21,000	4,400	25,000	16,000	---	---	6.6
MW-2	3/16/2003	51.07	17.84	---	33.23	100,000	---	17,000	21,000	3,400	20,000	4,400	---	---	6.8
MW-2	5/12/2003	51.07	16.66	---	34.41	150,000	---	16,000	24,000	3,500	22,000	3,600	---	---	7.1
MW-2	8/27/2003	51.07	19.65	---	31.42	120,000	---	14,000	12,000	3,900	20,000	5,100	---	---	6.9
MW-2	11/10/2003	51.07	20.80	---	30.27	97,000	---	12,000	9,500	3,600	15,000	4,200	---	---	6.7
MW-2	2/3/2004	51.07	16.82	---	34.25	130,000	---	14,000	19,000	3,400	20,000	1,900	---	---	6.8
MW-2	5/4/2004	51.07	16.19	---	34.88	120,000	---	12,000	16,000	3,700	22,000	2,500	---	---	6.7
MW-2	8/31/2004	51.07	19.50	---	31.57	99,000	---	10,000	13,000	3,700	18,000	3,400	---	---	6.8

**Table I**  
**Groundwater Elevation and Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	DRO/TPH-D (p)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-3	1/5/1992	49.95	33.69	—	16.26	7400	4000	790	23	210	40	—	ND	—	—
MW-3	1/10/1992	49.95	33.74	—	16.21	—	—	—	—	—	—	—	—	—	—
MW-3	6/5/1992	49.95	29.65	—	20.30	2000	—	130	5.3	93	20	—	—	—	—
MW-3	7/24/1992	49.95	30.14	—	19.81	—	—	—	—	—	—	—	—	—	—
MW-3	7/27/1992	49.95	30.14	—	19.81	—	—	—	—	—	—	—	—	—	—
MW-3	9/15/1992	49.95	31.07	—	18.88	450	ND<50	55	3.1	34	7.1	—	—	—	—
MW-3	12/15/1992	49.95	31.93	—	18.02	12000	710	940	ND<50	310	120	—	—	—	—
MW-3	3/15/1993	49.95	25.71	—	24.24	ND<50	60	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	(l)	—	—
MW-3	6/7/1993	49.95	25.80	—	24.15	150	ND<50	3.6	ND<0.5	0.9	1.3	—	(l)	—	—
MW-3	9/23/1993	49.95	29.18	—	20.77	—	—	—	—	—	—	—	—	—	—
MW-3	9/24/1993	49.95	—	—	—	160	ND<50	8.4	ND<0.5	3.7	1.3	15.3	(l)	—	—
MW-3	12/27/1993	49.95	29.25	—	20.70	9400	—	1100	48	530	120	2871	(e)(l)	—	—
MW-3	4/5/1994	49.95	26.84	—	23.11	7000	—	860	19	330	52	10414	(l)	2.0	—
MW-3	7/22/1994	49.95	26.90	—	23.11	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	(l)	2.1	—
MW-3	10/13/1994	49.95	27.83	—	22.12	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	(l)	2.6	—
MW-3	1/25/1995	49.95	21.65	—	28.30	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	—
MW-3	4/19/1995	49.95	19.33	—	30.62	2400	—	170	8.0	130	27	—	—	5.0	—
MW-3	7/5/1995	49.95	20.27	—	29.68	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	4.4	—
MW-3	10/5/1995	49.95	23.73	—	26.22	2300	—	210	3.1	10	5.1	2400	—	4.2	—
MW-3	1/12/1996	49.95	24.84	—	25.11	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	—	4.1	—
MW-3	4/22/1996	49.95	18.60	—	31.35	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	4.4	—
MW-3	7/2/1996	49.95	18.88	—	31.07	ND<50	—	ND<0.5	ND<1	ND<1	ND<1	ND<10	—	4.2	—
MW-3	11/8/1996	49.95	19.14	—	30.81	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.4	—
MW-3	1/3/1997	49.95	18.72	—	31.23	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.6	—
MW-3	4/28/1997	49.95	19.38	—	30.57	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.2	—
MW-3	7/1/1997	49.95	21.65	—	28.30	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.8	—
MW-3	10/2/1997	49.95	23.45	—	26.50	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.5	—
MW-3	1/9/1998	49.95	20.10	—	29.85	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	4.1	—
MW-3	5/6/1998	49.95	15.57	—	34.38	ND<50	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.8	—
MW-3	7/21/1998	49.95	15.88	—	34.07	51	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	3.8	—
QC-1 (d)	7/21/1998	—	—	—	—	60	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	—	—	—
MW-3	12/30/1998	49.95	20.30	—	29.65	—	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	—	—	—
MW-3	2/2/1999	49.95	19.75	—	30.20	ND<50	—	—	—	—	—	—	—	—	—
MW-3	5/10/1999	49.95	16.17	—	33.78	—	—	—	—	—	—	—	—	—	—
MW-3	9/23/1999	49.95	22.05	—	27.90	—	—	—	—	—	—	—	—	—	—
MW-3	12/23/1999	49.95	22.55	—	27.40	—	—	—	—	—	—	—	—	—	—
MW-3	3/27/2000	49.95	16.40	—	33.55	350	—	22	ND<0.5	ND<0.5	ND<0.5	580	—	—	—
MW-3	5/22/2000	49.95	9.49**	—	40.46	—	—	—	—	—	—	—	—	—	—
MW-3	8/31/2000	49.95	13.02**	—	36.93	—	—	—	—	—	—	—	—	—	—
MW-3	12/11/2000	49.95	13.30**	—	36.65	—	—	—	—	—	—	—	—	—	—
MW-3	3/20/2001	49.95	16.49	—	33.46	1000	—	66.4	0.597	6.96	ND<1.5	398	—	—	—

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**Groundwater Elevation and Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	GRO/TPH-D (p)	DRO/TPH-D (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-3	6/19/2001	49.95	18.82	---	31.13	---	---	---	---	---	---	---	---	---	---	---
MW-3	9/20/2001	49.95	21.59	---	28.36	230	---	---	ND<0.5	0.593	ND<0.5	ND<1.5	289	---	---	---
MW-3	12/27/2001	49.95	17.37	---	32.58	---	---	---	---	---	---	---	---	---	---	---
MW-3	2/28/2002	49.95	15.81	---	34.14	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	0.58	---	---	---
MW-3	6/28/2002	49.95	17.09	---	32.86	---	---	---	---	---	---	---	---	---	---	---
MW-3	9/12/2002*	49.95	18.80	---	31.15	52	---	---	3.3	8.6	1.7	12	11	---	---	7.0
MW-3	12/12/2002	49.95	20.57	---	29.38	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/10/2003	49.95	16.68	---	33.27	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	---	---	7.0
MW-3	5/12/2003	49.95	14.72	---	35.23	---	---	---	---	---	---	---	---	---	---	---
MW-3	8/27/2003	49.95	18.50	---	31.45	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	0.50	ND<0.50	---	---	7.1
MW-3	11/10/2003	49.95	19.66	---	30.29	---	---	---	---	---	---	---	---	---	---	---
MW-3	2/3/2004	49.95	15.33	---	34.62	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	---	---	7.0
MW-3	5/4/2004	49.95	15.12	---	34.83	---	---	---	---	---	---	---	---	---	---	---
MW-3	8/31/2004	49.95	18.13	---	31.82	ND<50	---	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	---	---	7.1

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**Groundwater Elevation and Analytical Data**  
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7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (feet) (a)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	GRO/TPH-G (p)	DRO/TPH-D (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-4	7/24/1992	50.76	30.02	---	20.74	42000	---	---	3200	3600	1400	4100	---	---	---	---
MW-4	7/27/1992	50.76	30.02	---	20.74	---	---	---	---	---	---	---	---	---	---	---
MW-4	9/15/1992	50.76	31.14	---	19.62	55000	1700	---	7600	13000	2800	9500	---	---	---	---
MW-4	12/15/1992	50.76	31.98	---	18.78	36000	2200	(c)	3700	4700	1200	4000	---	---	---	---
MW-4	3/15/1993	50.76	25.34	---	25.42	69000	1200	(c)	7600	15000	2500	11000	---	(f)	---	---
MW-4	6/7/1993	50.76	25.67	---	25.09	73000	2500	---	10000	19000	3400	14000	---	(f)	---	---
MW-4	9/23/1993	50.76	29.37	---	21.39	---	---	---	---	---	---	---	---	---	---	---
MW-4	9/24/1993	50.76	---	---	---	68000	5700	---	11000	2100	8600	990	390	(f)	---	---
QC-1 (d)	9/24/1993	---	---	---	---	59000	---	---	5300	10000	2200	8400	309	(f)	---	---
MW-4	12/27/1993	50.76	29.40	---	21.36	32000	---	---	2500	4400	1300	4400	387	(f)	---	---
MW-4	4/5/1994	50.76	27.09	---	23.67	64000	---	---	6500	14000	1900	9600	413	(f)	1.4	---
MW-4	7/22/1994	50.76	27.33	---	23.43	85000	---	---	10000	20000	3200	13000	796	(f)	0.8	---
QC-1 (d)	7/22/1994	---	---	---	---	85000	---	---	11000	21000	3300	14000	435	(f)	---	---
MW-4	10/13/1994	50.76	28.25	---	22.51	51000	---	---	7100	13000	2100	8900	506	(e)(f)	2.9	---
QC-1 (d)	10/13/1994	---	---	---	---	51000	---	---	7400	13000	2100	9100	773	(f)	---	---
MW-4	1/25/1995	50.76	21.85	---	28.91	26000	---	---	3600	9600	1200	6400	---	---	---	---
QC-1 (d)	1/25/1995	---	---	---	---	28000	---	---	4200	12000	1500	7800	---	---	---	---
MW-4	4/19/1995	50.76	19.44	---	31.32	89000	---	---	12000	24000	3500	18000	---	---	---	---
QC-1 (d)	4/19/1995	---	---	---	---	100000	---	---	12000	26000	3800	21000	---	---	5.1	---
MW-4	7/5/1995	50.76	20.52	---	30.24	130000	---	---	13000	29000	3300	25000	---	---	4.3	---
MW-4	10/5/1995	50.76	24.23	---	26.53	110000	---	---	10000	23000	3600	17000	---	---	2.1	---
MW-4	1/12/1996	50.76	25.34	---	25.42	46000	---	---	3500	8300	1100	8000	---	---	3.3	---
QC-1 (d)	1/12/1996	---	---	---	---	40000	---	---	3500	9000	1200	8700	---	---	---	---
MW-4	4/22/1996	50.76	19.13	---	31.63	40000	---	---	5100	9600	980	11800	29000	---	3.2	---
QC-1 (d)	4/22/1996	---	---	---	---	61000	---	---	8300	16000	1600	15200	36000	---	---	---
MW-4	7/2/1996	50.76	20.67	---	30.09	74000	---	---	9800	21000	2100	16600	41000	---	3.4	---
QC-1 (d)	7/2/1996	---	---	---	---	78000	---	---	9800	21000	1900	15300	42000	---	---	---
MW-4	11/8/1996	50.76	20.95	---	29.81	100000	---	---	7900	16000	2500	13700	37000	---	3.7	---
QC-1 (d)	11/8/1996	---	---	---	---	110000	---	---	9100	20000	3000	15400	39000	---	---	---
MW-4	1/3/1997	50.76	20.54	---	30.22	99000	---	---	17000	30000	4300	22700	79000	---	4.2	---
QC-1 (d)	1/3/1997	---	---	---	---	66000	---	---	12000	19000	2900	15000	69000	---	---	---
MW-4	4/28/1997	50.76	21.28	---	29.48	130000	---	---	12000	28000	3800	21000	37000	---	3.9	---
QC-1 (d)	4/28/1997	---	---	---	---	110000	---	---	110000	26000	3200	18200	34000	---	---	---
MW-4	7/1/1997	50.76	23.61	---	27.15	110000	---	---	16000	25000	4900	24400	37000	---	3.6	---
MW-4	10/2/1997	50.76	25.39	---	25.37	---	---	---	---	---	---	---	---	---	---	---
MW-4	10/3/1997	50.76	---	---	---	66000	---	---	8200	8600	2700	13400	80000	---	4.4	---
QC-1 (d)	10/3/1997	---	---	---	---	71000	---	---	8600	8700	2900	13500	84000	---	---	---
MW-4	1/9/1998	50.76	21.25	---	29.51	100000	---	---	9700	3200	1500	4700	92000	---	3.8	---
MW-4	5/6/1998	50.76	15.96	---	34.80	430000	---	---	6900	31000	11000	56000	ND<5000	---	3.9	---
QC-1 (d)	5/6/1998	---	---	---	---	440000	---	---	8000	39000	14000	70000	ND<5000	---	---	---
MW-4	7/2/1998	50.76	16.1	---	34.66	250000	---	---	11000	26000	5500	26900	29000	---	3.7	---

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MONITORING\QTR 2, 2004  
TABLES\11117 GWA Q04.XLS\05/08/2004

**Table 1**  
**Groundwater Elevation and Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	GRO/TPH-G (b)	DRO/TPH-D (b)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
QC-1	(d) 7/21/1998	---	---	---	---	---	210000	---	11000	27000	5600	26800	29000	---	---	---
MW-4	12/30/1998	50.76	20.91	---	29.85	---	370000	---	11000	22000	8500	40000	90000/92000 (i)	---	---	---
MW-4	2/2/1999	50.76	20.13	---	30.63	---	190000	---	4100	19000	4800	32000	28000	---	---	---
MW-4	5/10/1999	50.76	16.63	---	34.13	---	2700	---	23	7.1	8.1	25	120	---	---	---
MW-4	9/23/1999	50.76	22.48	---	28.28	---	180000	---	11000	29000	7000	38000	12000	---	---	---
MW-4	12/23/1999	50.76	22.94	---	27.82	---	66000	---	6300	5200	2200	7800	35000	---	---	---
MW-4	3/27/2000	50.76	16.84	---	33.92	---	120000	---	8700	12000	3800	16000	27000	---	---	---
MW-4	5/23/2000	50.76	17.85	---	32.91	---	110000	---	7600	16000	4400	20000	25000	---	---	---
MW-4	8/31/2000	50.76	21.71	---	29.05	---	110000	---	8800	7600	3400	14000	18000	---	---	---
MW-4	12/11/2000	50.76	22.05	---	28.71	---	70000	---	4580	3480	2550	9220	24400	---	---	---
MW-4	3/20/2001	50.76	17.68	---	33.08	---	100000	---	7100	4530	2540	9370	63100	---	---	---
MW-4	6/19/2001	50.76	19.40	---	31.36	---	180000	---	7430	14600	5400	25300	36100	---	---	---
MW-4	(l) 9/20/2001	50.76	22.01	0.03 (m)	28.75	---	---	---	---	---	---	---	---	---	---	---
MW-4	12/27/2001	50.76	17.96	---	32.80	---	120000	---	6880	9030	2840	14600	32300	---	---	---
MW-4	2/28/2002	50.76	17.06	---	33.70	---	80000	---	4920	5450	2220	12300	35900	---	---	---
MW-4	6/28/2002	50.76	17.76	---	33.00	---	48000	---	2780	2770	1530	6790	25100	---	---	---
MW-4	9/12/2002*	50.76	19.45	---	31.31	---	46000	---	4500	6800	2600	10000	9100	---	6.8	6.8
MW-4	12/12/2002	50.76	21.29	---	29.47	---	36000	---	5200	3400	2000	6500	12000	---	---	6.7
MW-4	3/10/2003	50.76	17.16	---	33.60	---	70000	---	7000	4800	3300	13000	29000	---	---	6.7
MW-4	5/12/2003	50.76	14.51	---	36.25	---	75000	---	7600	3700	3400	13000	26000	---	---	6.8
MW-4	(n) 8/27/2003	50.76	19.32	SHEEN	31.44	---	77000	---	7500	1300	2100	4000	32000	---	---	6.8
MW-4	11/10/2003	50.76	20.36	---	30.40	---	110000	---	7100	3100	2100	5800	25000	---	---	6.6
MW-4	2/3/2004	50.76	16.51	---	34.25	---	160000	---	8400	9700	5000	23000	26000	---	---	6.7
MW-4	5/4/2004	50.76	16.47	---	34.29	---	110000	---	8100	7500	4300	17000	ND<250	---	---	6.7
MW-4	8/31/2004	50.76	19.16	---	31.60	---	91000	---	6600	8400	3700	14000	14000	---	---	6.7

**Table 1**  
**Groundwater Elevation and Analytical Data**  
 Former BP Service Station #11117  
 7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (lb)	GRO/TPH-D (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MIBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-6	7/24/1992	50.32	30.63	---	19.69	ND	---	1.6	ND	ND	ND	---	---	---	---
MW-6	7/27/1992	50.32	30.63	---	19.69	---	---	---	---	---	---	---	---	---	---
MW-6	9/15/1992	50.32	31.52	---	18.80	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-6	12/15/1992	50.32	32.42	---	17.90	58	ND<50	1.3	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-6	3/15/1993	50.32	26.29	---	24.03	ND<50	ND<50	ND<0.5	0.6	ND<0.5	0.7	---	(l)	---	---
MW-6	6/7/1993	50.32	26.33	---	23.99	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	1.5	---	(l)	---	---
MW-6	9/23/1993	50.32	29.64	---	20.68	---	---	---	---	---	---	---	---	---	---
MW-6	9/24/1993	50.32	---	---	---	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	---	28.5	(l)	---	---
MW-6	12/27/1993	50.32	29.75	---	20.57	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	55.4	(e)(l)	---	---
MW-6	4/5/1994	50.32	27.26	---	23.06	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	295	(e)(l)	1.7	---
MW-6	7/22/1994	50.32	27.34	---	22.98	350	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	419	(e)(l)	4.5	---
MW-6	10/13/1994	50.32	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-6	1/25/1995	50.32	22.16	---	28.16	240	---	6	ND<0.5	ND<0.5	ND<1	---	---	---	---
MW-6	4/19/1995	50.32	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-6	7/5/1995	50.32	20.80	---	29.52	180	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	4.9	---
MW-6	10/5/1995	50.32	24.20	---	26.12	860	---	ND<5.0	ND<5.0	ND<5.0	ND<10	3600	---	2.8	---
MW-6	1/12/1996	50.32	25.30	---	25.02	860	---	ND<5.0	ND<5.0	ND<5.0	ND<10	2800	---	4.2	---
MW-6	4/22/1996	50.32	19.13	---	31.19	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	470	---	4.3	---
MW-6	7/2/1996	50.32	20.66	---	29.66	100	---	ND<0.5	ND<1	ND<1	ND<1	1100	---	4.2	---
MW-6	11/8/1996	50.32	20.98	---	29.34	1100	---	ND<5	ND<10	ND<10	ND<10	1500	---	4.3	---
MW-6	1/3/1997	50.32	20.53	---	29.79	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	450	---	4.5	---
MW-6	4/28/1997	50.32	21.25	---	29.07	1400	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	3500	---	4.4	---
MW-6	7/1/1997	50.32	23.40	---	26.92	6100	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	9100	---	3.9	---
MW-6	10/2/1997	50.32	25.16	---	25.16	---	---	---	---	---	---	---	---	---	---
MW-6	10/3/1997	50.32	---	---	---	330	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	2600	---	4.4	---
MW-6	1/9/1998	50.32	21.13	---	29.19	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	4.3	---
MW-6	5/6/1998	50.32	16.11	---	34.21	410	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	500	---	3.6	---
MW-6	7/21/1998	50.32	16.33	---	33.99	4300	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	3800	---	4.0	---
MW-6	12/30/1998	50.32	20.89	---	29.43	---	---	---	---	---	---	---	---	---	---
MW-6	2/2/1999	50.32	20.20	---	30.12	---	---	---	---	---	---	---	---	---	---
MW-6	5/10/1999	50.32	16.75	---	33.57	---	---	---	---	---	---	---	---	---	---
MW-6	9/23/1999	50.32	22.55	---	27.77	ND<50	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1600	---	---	---
MW-6	12/23/1999	50.32	23.00	---	27.32	---	---	---	---	---	---	---	---	---	---
MW-6	3/27/2000	50.32	16.89	---	33.43	1700	---	4.4	0.54	ND<0.5	1.0	14000	---	---	---
MW-6	5/22/2000	50.32	18.02	---	32.30	---	---	---	---	---	---	---	---	---	---
MW-6	8/31/2000	50.32	21.62	---	28.70	1200	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3900	---	---	---
MW-6	12/11/2000	50.32	21.81	---	28.51	---	---	---	---	---	---	---	---	---	---
MW-6	3/20/2001	50.32	16.97	---	33.35	3300	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	3760	---	---	---
MW-6	6/19/2001	50.32	19.30	---	31.02	---	---	---	---	---	---	---	---	---	---
MW-6	9/20/2001	50.32	22.00	---	28.32	2200	---	2.04	8.1	3.62	13.7	2460	---	---	---
MW-6	12/27/2001	50.32	17.85	---	32.47	830	---	0.59	ND<0.5	ND<0.5	ND<1.0	1040	---	---	---

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**Groundwater Elevation and Analytical Data**  
 Former BP Service Station #11117  
 7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWF (Feet)	GRO/TPH-G (b) (ug/L)	DRO/TPH-D (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-6	2/28/2002	50.32	16.31	--	34.01	1100	--	ND<0.5	ND<0.5	ND<0.5	ND<1.0	1450	--	--	--
MW-6	6/28/2002	50.32	17.57	--	32.75	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1.0	1020	--	--	--
MW-6	9/12/2002*	50.32	19.27	--	31.05	190	--	1.9	4.6	1	7.3	480	--	--	7.1
MW-6	12/12/2002	50.32	20.94	--	29.38	270	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	500	--	--	6.9
MW-6	3/10/2003	50.32	17.11	--	33.21	110	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	190	--	--	7.0
MW-6	5/12/2003	50.32	15.18	--	35.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	36	--	--	7.0
MW-6 (n)	8/27/2003	50.32	18.90	--	31.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.9	--	--	7.0
MW-6	11/10/2003	50.32	20.13	--	30.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.5	--	--	6.8
MW-6	2/3/2004	50.32	15.83	--	34.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	6.9
MW-6	5/4/2004	50.32	15.62	--	34.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	24	--	--	6.9
MW-6	8/31/2004	50.32	18.56	--	31.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	27	--	--	7.0



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**Groundwater Elevation and Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	DRO/TPH-D (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-7	1/25/1995	51.40	21.67	---	29.73	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	7.0	---
MW-7	4/19/1995	51.40	25.27	---	26.13	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	5.0	---
MW-7	7/5/1995	51.40	24.63	---	26.77	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	4.2	---
MW-7	10/5/1995	51.40	28.21	---	23.19	83	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	77	---	4.5	---
MW-7	1/12/1996	51.40	29.29	---	22.11	63	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	120	---	4.8	---
MW-7	4/22/1996	51.40	23.11	---	28.29	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	13	---	4.8	---
MW-7	7/2/1996	51.40	23.56	---	27.84	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	4.8	---
MW-7	11/8/1996	51.40	20.06	---	31.34	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	5.1	---
MW-7	1/3/1997	51.40	23.42	---	27.98	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.7	---
MW-7	4/28/1997	51.40	24.12	---	27.28	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.9	---
MW-7	7/1/1997	51.40	26.40	---	25.00	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.2	---
MW-7	10/2/1997	51.40	28.14	---	23.26	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.7	---
MW-7	1/9/1998	51.40	24.02	---	27.38	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.1	---
MW-7	5/6/1998	51.40	21.00	---	30.40	1900	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	1800	---	3.5	---
MW-7	7/21/1998	51.40	21.17	---	30.23	50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	3.7	---
MW-7	12/30/1998	51.40	22.13	---	29.27	---	---	---	---	---	---	---	---	---	---
MW-7	2/2/1999	51.40	22.08	---	29.32	---	---	---	---	---	---	---	---	---	---
MW-7	5/10/1999	51.40	18.58	---	32.82	---	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	4700	---	---	---
MW-7	9/23/1999	51.40	24.29	---	27.11	70	---	---	---	---	---	---	---	---	---
MW-7	12/23/1999	51.40	24.53	---	26.87	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2600	---	---	---
MW-7	3/27/2000	51.40	18.58	---	32.82	910	---	---	---	---	---	---	---	---	---
MW-7	5/22/2000	51.40	19.49	---	31.91	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-7	8/31/2000	51.40	22.53	---	28.87	440	---	---	---	---	---	---	---	---	---
MW-7	12/1/2000	51.40	22.75	---	28.65	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	900	---	---	---
MW-7	3/20/2001	51.40	18.79	---	32.61	1100	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	1210	---	---	---
MW-7	6/19/2001	51.40	19.82	---	31.58	---	---	---	---	---	---	---	---	---	---
MW-7	9/20/2001	51.40	21.35	---	30.05	1300	---	1.21	ND<0.5	ND<0.5	ND<1.5	1550	---	---	---
MW-7	12/27/2001	51.40	20.36	---	31.04	510	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	643	---	---	---
MW-7	2/28/2002	51.40	21.86	---	29.54	250	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	317	---	---	---
MW-7	6/28/2002	51.40	22.64	---	28.76	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	102	---	---	---
MW-7	9/12/2002	51.40	23.51	---	27.89	ND<50	---	ND<0.5	ND<0.5	ND<0.5	1	14	---	7.5	---
MW-7	12/12/2002	51.40	23.75	---	27.65	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	---	7.5	---
MW-7	3/10/2003	51.40	21.25	---	30.15	61	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	99	---	---	7.6
MW-7	5/12/2003	51.40	21.44	---	29.96	ND<100	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	120	---	---	7.6
MW-7	8/27/2003	51.40	23.30	---	28.10	120	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	84	---	---	7.6
MW-7	11/10/2003	51.40	20.24	---	31.16	230 (c)	---	ND<1.0	ND<1.0	ND<1.0	ND<1.0	92	---	---	6.7
MW-7	2/3/2004	51.40	20.63	---	30.77	ND<250	---	ND<2.5	ND<2.5	ND<2.5	ND<2.5	91	---	---	7.5
MW-7	5/4/2004	51.40	21.89	---	29.51	ND<250	---	ND<2.5	ND<2.5	ND<2.5	ND<2.5	190	---	---	7.6
MW-7	8/31/2004	51.40	23.16	---	28.24	ND<500	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	220	---	---	7.3

**Table 1**  
**Groundwater Elevation and Analytical Data**  
 Former BP Service Station #11117  
 7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b) (ug/L)	DRG/TPH-G (p) (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-8	1/25/1995	50.88	31.59	--	19.29	54	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	7.1	--
MW-8	4/19/1995	50.88	19.18	--	31.70	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	--	--	5.1	--
MW-8	7/5/1995	50.88	19.03	--	31.85	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1.0	--	--	4.5	--
MW-8	10/5/1995	50.88	24.40	--	26.48	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<5.0	--	4.1	--
MW-8	1/12/1996	50.88	25.51	--	25.37	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<5.0	--	4.6	--
MW-8	4/22/1996	50.88	18.00	--	32.88	ND<50	--	ND<0.5	ND<1	ND<1	ND<1	ND<10	--	4.8	--
MW-8	7/2/1996	50.88	19.83	--	31.05	ND<50	--	ND<0.5	ND<1	ND<1	ND<1	ND<10	--	4.5	--
MW-8	11/8/1996	50.88	20.09	--	30.79	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	4.7	--
MW-8	1/3/1997	50.88	19.72	--	31.16	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	4.4	--
MW-8	4/28/1997	50.88	20.44	--	30.44	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	4.1	--
MW-8	7/1/1997	50.88	22.72	--	28.16	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	3.8	--
MW-8	10/2/1997	50.88	24.51	--	26.37	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	4.2	--
MW-8	1/9/1998	50.88	21.17	--	29.71	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	3.5	--
MW-8	5/6/1998	50.88	18.34	--	32.54	ND<50	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	3.6	--
MW-8	7/21/1998	50.88	18.55	--	32.33	90	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	--	3.3	--
MW-8	12/30/1998	50.88	20.40	--	30.48	--	--	--	--	--	--	--	--	--	--
MW-8	2/2/1999	50.88	19.28	--	31.60	--	--	--	--	--	--	--	--	--	--
MW-8	5/10/1999	50.88	15.62	--	35.26	--	--	--	--	--	--	--	--	--	--
MW-8	9/23/1999	50.88	21.74	--	29.14	--	--	--	--	--	--	--	--	--	--
MW-8	12/23/1999	50.88	22.83	--	28.05	--	--	--	--	--	--	--	--	--	--
MW-8	3/27/2000	50.88	16.25	--	34.63	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--
MW-8	5/22/2000	50.88	17.06	--	33.82	--	--	--	--	--	--	--	--	--	--
MW-8	8/31/2000	50.88	21.72	--	29.16	--	--	--	--	--	--	--	--	--	--
MW-8	12/1/2000	50.88	22.03	--	28.85	--	--	--	--	--	--	--	--	--	--
MW-8	3/20/2001	50.88	16.23	--	34.65	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1.5	0.991	--	--	--
MW-8	6/19/2001	50.88	19.35	--	31.53	--	--	--	--	--	--	--	--	--	--
MW-8	9/20/2001	50.88	21.95	--	28.93	--	--	--	--	--	--	--	--	--	--
MW-8	12/27/2001	50.88	16.98	--	33.90	--	--	--	--	--	--	--	--	--	--
MW-8	2/28/2002	50.88	15.38	--	35.50	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1.0	ND<0.5	--	--	--
MW-8	6/28/2002	50.88	16.97	--	33.91	--	--	--	--	--	--	--	--	--	--
MW-8	9/12/2002*	50.88	19.47	--	31.41	--	--	--	--	--	--	--	--	--	--
MW-8	12/12/2002	50.88	20.84	--	30.04	--	--	--	--	--	--	--	--	--	--
MW-8	3/10/2003	50.88	16.56	--	34.32	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.50	3.0	--	--	7.1
MW-8	5/12/2003	50.88	13.63	--	37.25	--	--	--	--	--	--	--	--	--	--
MW-8	8/27/2003	50.88	18.90	--	31.98	--	--	--	--	--	--	--	--	--	--
MW-8	11/10/2003	50.88	19.68	--	31.20	--	--	--	--	--	--	--	--	--	--
MW-8	2/3/2004	50.88	14.76	--	36.12	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.50	ND<0.50	--	--	7.5
MW-8	5/4/2004	50.88	14.69	--	36.19	--	--	--	--	--	--	--	--	--	--
MW-8	8/31/2004	50.88	18.08	--	32.80	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Elevation and Analytical Data**  
 Former BP Service Station #11117  
 7210 Bancroft Avenue, Oakland, CA

WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b) (ug/L)	DRO/TPH-D (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-9	1/25/1995	51.05	22.32	---	28.73	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	7.4	---
MW-9	4/19/1995	51.05	19.86	---	31.19	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1	---	---	5.2	---
MW-9	7/5/1995	51.05	20.78	---	30.27	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	4.4	---
MW-9	10/5/1995	51.05	24.33	---	26.72	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	2.3	---
QC-1 (d)	10/5/1995	---	---	---	---	52	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	160	---	---	---
MW-9	1/12/1996	51.05	25.44	---	25.61	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	3.2	---
MW-9	4/22/1996	51.05	18.01	---	33.04	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	11	---	3.5	---
MW-9	7/2/1996	51.05	19.70	---	31.35	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<1.0	---	3.3	---
MW-9	11/8/1996	51.05	19.96	---	31.09	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	3.7	---
MW-9	1/3/1997	51.05	19.52	---	31.53	ND<250	---	ND<2.5	ND<5.0	ND<5.0	ND<5.0	ND<5.0	---	4.4	---
MW-9	4/28/1997	51.05	20.22	---	30.83	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	4.0	---
MW-9	7/1/1997	51.05	22.59	---	28.46	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	3.9	---
MW-9	10/2/1997	51.05	24.33	---	26.72	---	---	---	---	---	---	---	---	---	---
MW-9	10/3/1997	51.05	---	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	4.4	---
MW-9	1/9/1998	51.05	21.11	---	29.94	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	3.9	---
MW-9	5/6/1998	51.05	18.26	---	32.79	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	4.0	---
MW-9	7/2/1998	51.05	18.46	---	32.59	70	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	---	3.7	---
MW-9	12/30/1998	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	2/2/1999	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	5/10/1999	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	9/23/1999	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	12/23/1999	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	3/27/2000	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	5/22/2000	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	8/31/2000	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	12/11/2000	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	3/20/2001	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	6/19/2001	51.05	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-9	9/20/2001	51.05	22.20	---	28.85	6300	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	8640	---	---	---
MW-9	12/27/2001	51.05	18.92	---	32.13	---	---	---	---	---	---	---	---	---	---
MW-9	2/28/2002	51.05	17.22	---	33.83	19000	---	1560	61.3	84	111	20200	---	---	---
MW-9	6/28/2002	51.05	18.20	---	32.85	---	---	---	---	---	---	---	---	---	---
MW-9	9/12/2002*	51.05	19.92	---	31.13	5100	---	570	180	ND<2.5	220	6400	---	6.8	---
MW-9	12/12/2002	51.05	21.78	---	29.27	---	---	---	---	---	---	---	---	---	---
MW-9	3/10/2003	51.05	18.25	---	32.80	26,000	---	2,500	ND<100	ND<100	ND<100	33,000	---	6.9	---
MW-9	5/12/2003	51.05	16.29	---	34.76	---	---	---	---	---	---	---	---	---	---
MW-9	8/27/2003	51.05	19.69	---	31.36	11,000	---	830	ND<50	ND<50	ND<50	6,300	---	7.1	---
MW-9	11/10/2003	51.05	19.94	---	31.11	---	---	---	---	---	---	---	---	---	---
MW-9	2/3/2004	51.05	17.23	---	33.82	6,200	---	180	ND<50	ND<50	ND<50	2,100	---	7.2	---
MW-9	5/4/2004	51.05	17.17	---	33.88	---	---	---	---	---	---	---	---	---	---
MW-9	8/31/2004	51.05	19.71	---	31.34	ND<2,500	---	210	ND<25	ND<25	ND<25	1,500	---	7.0	---

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WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b)	GRO/TPH-D (b)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
MW-10	1/9/1998	---	(h) 20.97	---	---	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.3	---
MW-10	5/6/1998	---	(h) 18.07	---	---	800	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	980	---	3.9	---
MW-10	7/21/1998	---	(h) 18.28	---	---	80	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<10	---	4.0	---
MW-10	12/30/1998	---	(h) 22.22	---	---	---	---	---	---	---	---	---	---	---	---
MW-10	2/2/1999	---	(h) 21.83	---	---	940	---	ND<10	ND<10	ND<10	ND<10	690	---	---	---
MW-10	5/10/1999	---	(h) 17.99	---	---	---	---	---	---	---	---	---	---	---	---
MW-10	9/23/1999	---	(h) 22.61	---	---	ND<50	---	ND<1.0	ND<1.0	---	1.4	1000	---	---	---
MW-10	12/23/1999	---	(h) 23.75	---	---	---	---	---	---	---	---	---	---	---	---
MW-10	3/27/2000	---	(h) 18.83	---	---	1900	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	28000	---	---	---
MW-10	5/22/2000	---	(h) 19.47	---	---	---	---	---	---	---	---	---	---	---	---
MW-10	8/31/2000	---	(h) 22.64	---	---	1700	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13000	---	---	---
MW-10	12/11/2000	---	(h) 22.84	---	---	16000	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	11900	---	---	---
MW-10	3/20/2001	---	(h) 19.57	---	---	---	---	---	---	---	---	---	---	---	---
MW-10	6/19/2001	---	(h) 20.63	---	---	5800	---	ND<0.5	ND<0.5	ND<0.5	ND<1.5	8160	---	---	---
MW-10	9/20/2001	---	(h) 23.07	---	---	6600	---	17.3	14.5	ND<12.5	ND<25	7750	---	---	---
MW-10	12/27/2001	---	(h) 20.92	---	---	3600	---	10.8	ND<0.5	ND<0.5	ND<1.0	5380	---	---	---
MW-10	2/28/2002	---	(h) 18.52	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	2570	---	---	---
MW-10	6/28/2002	---	(h) 18.41	---	---	660	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	3300	---	---	7.2
MW-10	9/12/2002*	---	(h) 20.57	---	---	---	---	ND<5.0	ND<5.0	ND<5.0	ND<5.0	3300	---	---	6.9
MW-10	12/12/2002	---	(h) 22.80	---	---	1400	---	ND<5.0	ND<5.0	5.3	15	2,800	---	---	6.9
MW-10	3/10/2003	---	(h) 19.26	---	---	1,700	---	ND<12	ND<12	ND<12	ND<12	2,200	---	---	6.9
MW-10	5/12/2003	---	(h) 17.90	---	---	1,500	---	ND<25	ND<25	ND<25	ND<25	2,800	---	---	7.0
MW-10 (n)	8/27/2003	---	(h) 20.82	---	---	4,100	---	ND<50	ND<50	ND<50	ND<50	3,300	---	---	6.8
MW-10	11/10/2003	---	(h) 21.92	---	---	ND<5,000	---	ND<50	ND<50	ND<50	ND<50	2,300	---	---	7.0
MW-10	2/3/2004	---	(h) 18.52	---	---	5,100 (q)	---	ND<25	ND<25	ND<25	ND<25	1,600	---	---	6.8
MW-10	5/4/2004	---	(h) 17.63	---	---	ND<2,500	---	ND<50	ND<50	ND<50	ND<50	1,900	---	---	7.0
MW-10	8/31/2004	---	(h) 20.67	---	---	ND<5,000	---	---	---	---	---	---	---	---	---
EX-1	5/4/2004	---	(h) 16.29	---	---	12,000	---	2,300	430	740	1,100	2,500	---	---	6.8
EX-1	8/31/2004	---	(h) 19.39	---	---	13,000	---	2,300	95	650	1,500	2,100	---	---	6.7
EX-2	5/4/2004	---	(h) 16.65	---	---	ND<50	---	0.63	ND<0.50	ND<0.50	0.66	46	---	---	6.7
EX-2	8/31/2004	---	(h) 19.90	---	---	ND<250	---	ND<2.5	ND<2.5	ND<2.5	ND<2.5	130	---	---	6.9

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WELL ID	DATE OF SAMPLING/ MONITORING	TOC (Feet)	DTW (a) (Feet)	PRODUCT THICKNESS (Feet)	GWE (Feet)	GRO/TPH-G (b) (ug/L)	DRO/TPH-D (p) (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Organic Lead (ug/L)	DO (ppm)	pH
QC-2 (i)	9/15/1992	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
QC-2 (i)	12/15/1992	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
QC-2 (i)	3/15/1993	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
QC-2 (i)	6/7/1993	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
QC-2 (i)	9/24/1993	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
QC-2 (i)	12/27/1993	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---
QC-2 (i)	4/5/1994	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---
QC-2 (i)	7/22/1994	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---
QC-2 (i)	10/13/1994	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---
QC-2 (i)	1/25/1995	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	---	---	---
QC-2 (i)	4/19/1995	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	0.6	1	---	---	---	---
QC-2 (i)	7/5/1995	---	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	---	---	---	---
QC-2 (i)	10/5/1995	---	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---
QC-2 (i)	1/12/1996	---	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---
QC-2 (i)	4/22/1996	---	---	---	---	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	---
QC-2 (i)	7/2/1996	---	---	---	---	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	---

**Table 1**  
**Groundwater Elevation and Analytical Data**  
**Former BP Service Station #11117**  
**7210 Bancroft Avenue, Oakland, CA**

ABBREVIATIONS:	
GRO	Gasoline Range Organics, C4-C12 range
TPH-G	Total petroleum hydrocarbons as gasoline
TPH-D	Total petroleum hydrocarbons as diesel
MTBE	Methyl tert butyl ether
DO	Dissolved Oxygen - field measurement
pH	pH Level - field measurement
ug/L	Micrograms per liter
mg/L	Milligrams per liter
ND<	Not detected at or above laboratory reporting limit
---	Not analyzed/applicable/measurable
TOC	Top of casing
DTW	Depth to water

**NOTES:**

- (a) Casing elevations surveyed to the nearest 0.01 foot relative to mean sea level.
  - (b) Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
  - (c) Concentrations reported as diesel from MW-1, MW-2 and MW-4 are primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.
  - (d) Blind duplicate.
  - (e) A copy of the documentation for this data is included in Appendix C of Alisto report 10-018-05-004.
  - (f) Well not sampled due to presence of free product.
  - (g) Well inaccessible.
  - (h) Top of casing not surveyed.
  - (i) Travel blank.
  - (j) EPA method by 80208260.
  - (k) Samples ran outside of EPA recommended hold time.
  - (l) A copy of the documentation for this data can be found in Blaine Tech Services report 010619-C-2. The MTBE data for the March 15, 1993 and June 7, 1993 events have been destroyed.
  - (m) Thickness of SPH is only an estimate. The resulting groundwater elevation will not be used in contouring.
  - (n) Samples analyzed by EPA Method 8260B for TPH-g, BTEX, and fuel oxygenates
  - (o) Discrete Peak @ C6-C7
  - (p) Beginning with the Third Quarter 2003 (08/27/03), the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPH-g) has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the potential inclusion of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported. Also, beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.
  - (q) Discrete Peak @ C5-C6
- \* During the third quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP.  
 \*\* Depth to water and resulting groundwater elevation is anomalous and not used in groundwater contouring.  
 \*\*\* Anomalous low concentrations reported from Cambria. Do not appear to support historic trends.
- Source: The data within this table collected prior to June 2002 was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified tenacity of this information.

**Table 2**  
**Fuel Additive Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DiPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-1	8/27/2003	ND<100	ND<20	4.2	ND<0.50	ND<0.50	ND<0.50	---	---
MW-1	11/10/2003	ND<100	ND<20	0.51	ND<0.50	ND<0.50	ND<0.50	---	---
MW-1	2/3/2004	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-1	5/4/2004	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-1	8/31/2004	ND<100	ND<20	0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-2	8/27/2003	ND<25,000	ND<5,000	5,100	ND<120	ND<120	140	---	---
MW-2	11/10/2003	ND<50,000	ND<10,000	4,200	ND<250	ND<250	ND<250	---	---
MW-2	2/3/2004	ND<100,000	ND<20,000	1,900	ND<500	ND<500	ND<500	ND<500	ND<500
MW-2	5/4/2004	ND<50,000	ND<10,000	2,500	ND<250	ND<250	ND<250	ND<250	ND<250
MW-2	8/31/2004	ND<50,000	ND<10,000	3,400	ND<250	ND<250	ND<250	ND<250	ND<250
MW-3	8/27/2003	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-3	2/3/2004	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-3	8/31/2004	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-4	8/27/2003	ND<50,000	ND<10,000	32,000	ND<250	ND<250	250	250	250
MW-4	11/10/2003	ND<100,000	ND<20,000	25,000	ND<500	ND<500	ND<500	ND<500	ND<500
MW-4	2/3/2004	ND<100,000	ND<20,000	26,000	ND<500	ND<500	ND<500	ND<500	ND<500
MW-4	5/4/2004	ND<50,000	ND<10,000	ND<250	ND<250	ND<250	ND<250	ND<250	ND<250
MW-4	8/31/2004	ND<50,000	ND<10,000	14,000	ND<250	ND<250	ND<250	ND<250	ND<250
MW-6	8/27/2003	ND<100	ND<20	8.9	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-6	11/10/2003	ND<100	ND<20	4.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-6	2/3/2004	ND<100 (a)	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-6	5/4/2004	ND<100	ND<20	24	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-6	8/31/2004	ND<100	ND<20	27	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-7	8/27/2003	ND<100	ND<20	84	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-7	11/10/2003	ND<200	ND<40	92	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
MW-7	2/3/2004	ND<500	ND<100	91	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
MW-7	5/4/2004	ND<500	ND<100	190	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
MW-7	8/31/2004	ND<1,000	ND<200	220	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
MW-8	2/3/2004	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-9	8/27/2003	ND<10,000	ND<2,000	6,300	ND<50	ND<50	ND<50	ND<50	ND<50
MW-9	2/3/2004	ND<10,000 (a)	ND<2,000	2,100	ND<50	ND<50	ND<50	ND<50	ND<50
MW-9	8/31/2004	ND<5,000	ND<1,000	1,500	ND<25	ND<25	ND<25	ND<25	ND<25
MW-10	8/27/2003	ND<5,000	ND<1,000	2,800	ND<25	ND<25	ND<25	ND<25	ND<25
MW-10	11/10/2003	ND<10,000	ND<2,000	3,300	ND<50	ND<50	ND<50	ND<50	ND<50
MW-10	2/3/2004	ND<10,000 (a)	ND<2,000	2,300	ND<50	ND<50	ND<50	ND<50	ND<50
MW-10	5/4/2004	ND<5,000	ND<1,000	1,600	ND<25	ND<25	ND<25	ND<25	ND<25
MW-10	8/31/2004	ND<10,000	ND<2,000	1,900	ND<50	ND<50	ND<50	ND<50	ND<50
EX-1	5/4/2004	ND<5,000 (a)	ND<1,000	2,500	ND<25	ND<25	38	ND<25	ND<25
EX-1	8/31/2004	ND<10,000	ND<2,000	2,100	ND<50	ND<50	ND<50	ND<50	ND<50
EX-2	5/4/2004	ND<100	ND<20	46	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
EX-2	8/31/2004	ND<500	ND<100	130	ND<2.5	ND<2.5	3.4	ND<2.5	ND<2.5

**Table 2**  
**Fuel Additive Analytical Data**  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, CA

**NOTES:**

All volatile organic compounds (Ethanol, TBA, MTBE, DIPE, ETBE, TAME, 1,2-DCA, and EDB) analyzed using EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane  
DIPE = Di-isopropyl ether  
EDB = 1,2-Dibromoethane  
ETBE = Ethyl tert-butyl ether  
MTBE = Methyl tert-butyl ether  
ND< = Not detected at or above laboratory reporting limit  
TAME = tert-Amyl methyl ether  
TBA = tert-Butyl alcohol  
µg/L = Micrograms per Liter

- a = The continuing calibration verification was outside of client contractual acceptance limits by 0.6% high. However, it was within method acceptance limits. The data should still be useful for its intended purpose.



**Table 3**  
**Groundwater Flow Direction and Gradient**

Former BP Service Station #11117  
7210 Bancroft Avenue  
Oakland, CA

<b>Date</b>	<b>Average</b>	<b>Average</b>
<b>Measured</b>	<b>Flow Direction</b>	<b>Hydraulic Gradient</b>
09/12/02	Northeast	0.03
12/12/02	Northeast	0.02
03/10/03	Northeast	0.03
05/12/03	North-Northeast	0.055
08/27/03	North-Northeast	0.036
11/10/03	North-Northeast	0.012
02/03/04	Northeast	0.013
05/04/04	Northeast	0.015
<b>08/31/04</b>	<b>Northeast</b>	<b>0.010</b>



November 28, 2003

Mr. Don Hwang  
Hazardous Material Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**SUBJECT: Soil and Groundwater Investigation Workplan  
Former BP Service Station #11117  
7210 Bancroft Avenue, Oakland, California  
ACHCS Fuel Leak Case No. RO0000356**

Dear Mr. Hwang:

On behalf of the Group Environmental Management Company (an affiliated company of BP), URS Corporation (URS) has prepared this workplan for additional soil and water characterization at the above referenced facility. This workplan was prepared in response to a letter from the Alameda County Health Care Services (ACHCS) to BP dated September 30, 2003 (Attachment A). This work plan includes a discussion of the Site background, Site hydrogeology, proposed scope of work, and schedule.

#### **SITE FEATURES AND BACKGROUND**

The Site is an active 76-branded gasoline retail outlet located at the north corner of Bancroft Avenue and 73<sup>rd</sup> Avenue in Oakland, California (Figure 1). The land use in the immediate vicinity of the Site is mixed commercial and residential. BP acquired the facility from Mobil Oil Corporation in 1989. In January 1994, BP transferred the property to TOSCO Marketing Company (TOSCO) and has not operated the facility since that time.

The Site consists of a service station building and three 12,000-gallon gasoline underground storage tanks (USTs) and one 10,000-gallon diesel UST with associated piping and dispensers. The Site is covered with asphalt or concrete surfacing except for planters along the southeastern and southwestern property boundaries and at the north corner of the property (Figures 2 and 3).

In 1984, the preexisting USTs at the Site were removed and three gasoline USTs (6,000-gallon, 10,000-gallon, and 12,000-gallon) and one 6,000-gallon diesel UST were installed immediately to the east (Attachment B-Figure 1). The newly installed USTs were single-walled fiberglass tanks. An associated UST removal report is not on file and may not have been prepared. No documentation was found referencing the conditions of the removed USTs and reporting evidence of hydrocarbon impacts in the soil and groundwater, if any, at the time of the UST removal.



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In December 1989, a Phase II environmental audit was conducted on the adjacent Eastmont Mall Site located to the north and the northwest of the former BP Site. Part of the respective Phase II study relevant to the former BP Site included installing monitoring well MW-3 near the western boundary of the former BP Site (Figure 2). The analytical results of soil samples collected from 10 and 20 feet below ground surface (bgs) from MW-3 reported non-detectable concentrations of total petroleum hydrocarbons (TPH), benzene, toluene, ethyl benzene, and xylenes (BTEX), and Oil and Grease. The analytical results of groundwater samples from MW-3 reported concentrations of 2,700 micrograms per liter ( $\mu\text{g/L}$ ) TPH and 530  $\mu\text{g/L}$  benzene.

In December 1991, two soil borings (MW-1 and MW-2) were drilled on-Site to total depths of 40 feet bgs, soil samples were collected at 10 foot intervals between 5 and 25 feet bgs and the respective borings were subsequently converted into monitoring wells MW-1 and MW-2. First groundwater was encountered at approximately 30 feet bgs. The analytical results of the soil samples from MW-1 and MW-2 reported non-detectable concentrations of total petroleum hydrocarbon-gasoline (TPH-g) and BTEX (Attachment B-Table 1).

In July 1992, one on-Site boring (MW-4) and two off-Site borings (B-5 and MW-6) were drilled at locations shown in Figure 2 and Attachment B-Figure 1. Borings MW-4 and MW-6 extended to total depths of 40 feet bgs, and B-5 extended to 50 feet bgs. First groundwater was encountered at approximately 30 feet bgs in MW-4 and MW-6, and no free water was encountered in B-5. The analytical results of soil samples collected at 30 feet bgs from B-5 and MW-6 reported non-detectable concentrations of TPH-g and BTEX (Attachment B-Table 1). The analytical results of soil samples collected from MW-4 at 5 foot intervals between 15 and 25 feet bgs reported a maximum of 6,000 milligrams per kilograms (mg/kg) TPH-g and 34 mg/kg benzene at 20 feet bgs (Attachment B-Table 1). Borings MW-4 and MW-6 were subsequently converted into monitoring wells.

In September 1994, a supplemental Site assessment was conducted at the Site. Four exploratory soil borings (TIIP-1 and TB-2 through TB-4) were advanced up to 45 feet bgs at the following locations as shown in Attachment B-Figure 1: north of the former and existing UST complexes (TIIP-1), at the former service bays (TB-2), north of the north pump island (TB-3), and at a former pump island (TB-4). Additionally, one soil sample was collected from beneath each of five dispensers (TD-1 through TD-5). Groundwater was encountered in TB-2 and TB-3 at approximately 33 to 36 feet bgs and groundwater samples were collected from TB-2 and TB-3 via temporary well points. The analytical results of the respective samples reported a maximum of 16 mg/kg TPH-g (TD-3), non-detectable concentrations of benzene, and between 110 mg/kg to 5,800 mg/kg TPH-d in soils (TD-1 through TD-5), and non-detectable concentrations of TPH-g and a maximum concentration of 0.7  $\mu\text{g/L}$  benzene (TB-3) in groundwater (Attachment B-Table 2).

In October 1994, one on-Site boring (MW-7) and two off-Site borings (MW-8 and MW-9) were drilled at locations shown in Figure 2. Boring MW-7 extended to a total depth of 45 feet bgs and



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boring MW-8 and MW-9 extended to total depths of 40 feet bgs. First encountered groundwater was at approximately 27 to 32 feet bgs. The analytical results of soil samples collected from 25 feet bgs from each boring reported non-detectable concentrations of TPH-g and BTEX (Attachment B-Table 3). The three borings were subsequently converted into monitoring wells MW-7 through MW-9.

In July 1997, one boring (MW-10) was drilled off-Site to a maximum depth of approximately 37.5 feet bgs, soil samples were collected and the boring was subsequently converted into a monitoring well (Figure 2). First groundwater was encountered at approximately 26 feet bgs. The analytical results of the soil samples from MW-10 reported non-detectable concentrations of TPH-g, BTEX, and methyl tertiary butyl ether (MTBE) (Attachment B-Table 4).

In August 1998, the three gasoline USTs (6,000-gallon, 10,000-gallon, and 12,000-gallon) and one 6,000-gallon diesel UST, associated dispensers and piping were removed from the Site and disposed off-Site. There was no visible evidence of leakage from the removed USTs. A total of eight native soil samples were collected from beneath each end of the removed USTs at depths of 14 through 16 feet bgs, and a total of 18 soil samples were collected from the former dispenser locations and from beneath the associated product lines at 3 feet bgs. The respective sample locations are shown in Attachment B-Figure 2 and the analytical results are presented in Attachment B-Table 5.

TPH-g was detected in five of the eight UST excavation samples with concentrations ranging between 3.7 to 5,300 mg/kg. Total petroleum hydrocarbon-diesel (TPH-d) was detected at 650 mg/kg and 800 mg/kg in two samples, benzene concentrations ranged between 0.40 to 0.95 mg/kg in three samples, MTBE concentrations ranged between 0.028 to 5.3 mg/kg in seven samples, and lead was not detected in the only sample that was analyzed for lead (Attachment B-Table 5). TPH-g was detected in nine of the eighteen dispenser and product line samples with concentrations ranging between 1.4 to 7,200 mg/kg. TPH-d was detected between 4.8 to 190 mg/kg in five samples, benzene was detected between 0.0089 to 22 mg/kg in three samples, and MTBE was detected between 0.048 to 15 mg/kg in ten samples (Attachment B-Table 5). During the 1998 tank replacement activities, approximately 389 tons of soil and backfill were transported off-Site for disposal. The existing 10,000-gallon diesel and three 12,000-gallon gasoline USTs were installed as replacements (Figure 2).

In April 1999, a groundwater recovery test was performed on wells MW-1 through MW-4, MW-6, MW-7 and MW-10 to assess the spatial variation in hydraulic conductivity in the shallow water-bearing zone across the Site. The hydraulic conductivity values estimated from the recovery testing are presented in Attachment B-Table 6. The geometric mean of the hydraulic conductivity values and the flow velocity were calculated to be  $1.37 \times 10^{-5}$  feet per second and 73.85 feet per year, respectively.



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In November 1999, two 4-inch diameter wells (EX-1 and EX-2) were installed on-Site to facilitate potential remedial activities at the Site (Figure 2). Well EX-1 was drilled to 39.5 feet bgs and EX-2 was drilled to 36.5 feet bgs. Groundwater was first encountered at 26 feet bgs. The analytical results of soil samples collected from EX-1 and EX-2 reported non-detectable to relatively low concentrations of TPH-g, BTEX and MTBE (Attachment B-Table 7).

Between March 16 and April 30, 2000, interim remedial activities were conducted at the Site to evaluate the effectiveness of hydrocarbon and MTBE reduction using short-term groundwater extraction. Approximately 10,900 gallons of groundwater was extracted from wells EX-1, EX-2 and MW-2 during eight sessions. During the extraction events, stable to slightly decreasing hydrocarbon and MTBE concentration trends were exhibited in samples collected from wells MW-2 and EX-1, located immediately southwest of the existing USTs. Samples from well EX-2, which is located north of the existing USTs exhibited lower hydrocarbon and MTBE concentrations than MW-2 and EX-1.

In April 2000, during the batch extraction events, recovery tests were conducted on wells EX-1, EX-2 and MW-2. Based on the recovery test measurements, the geometric mean of the hydraulic conductivity values and flow velocities for wells EX-1, EX-2 and MW-2 was calculated as  $3.0 \times 10^{-4}$  feet per minute and 26 feet per year, respectively (Attachment B - Table 8).

During October 29, through November 2, 2001, a dual-phase soil vapor and groundwater extraction (DPE) pilot test was performed on the monitoring wells with the highest historical hydrocarbon concentrations (i.e., MW-2 and MW-4) and the extraction wells (EX-1 and EX-2) at the Site. The DPE test results indicated that the vacuum influence was limited to within 18 to 28 feet of the extraction well. Water levels typically decreased several feet in the extraction wells and had a varied response in the observation wells. Estimated vapor-phase removal rates were approximately 200-pounds of hydrocarbon per day in wells MW-4 and EX-1, and less than 5-pounds of hydrocarbon per day in wells MW-2 and EX-2. Soil vapor concentrations showed a decreasing trend in wells MW-4 and EX-1 during the short-term pilot tests. Grab water samples collected before and after the pilot tests remained the same order of magnitude. A total of 6,500 gallons of water was extracted during the DPE pilot test and appropriately disposed off-Site. Overall, the test results indicated that DPE is a feasible remedial alternative for the Site and ACHCS approved Cambria's August 8, 2002, 'Dual Phase Extraction Pilot Test Report' as a Corrective Action Plan (CAP).

A total of eleven wells are installed at the Site: wells MW-1 through MW-4, MW-6 through MW-10, and EX-1 and EX-2 (Figure 2). Wells MW-1 and MW-2 screen from approximately 20 to 40 feet bgs; well MW-3 screens from 30 to 45 feet bgs; wells MW-4 and MW-6 screen from approximately 20 to 40 feet bgs; and wells MW-7 through MW-9 screen from approximately 25 to 40 or 45 feet bgs. Wells EX-1 and EX-2 screen from approximately 18 to 38 feet bgs and 15 to 35 feet bgs, respectively. The boring logs of the 11 wells are attached as Attachment C.



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A quarterly groundwater monitoring program was initiated at the Site since January 1992 and is ongoing. Currently wells MW-1, MW-2, MW-4, MW-6, MW-7 and MW-10 are sampled quarterly, wells MW-3 and MW-9 are sampled semi-annually (first and third quarter), and well MW-8 is sampled annually (first quarter). The analytical results of the groundwater monitoring program are included as Attachment B-Table 9 and the most recent quarterly (third quarter 2003) groundwater monitoring results are graphically presented in Attachment B-Figure 3.

#### **SITE HYDROGEOLOGY**

The Site is typically underlain by clays with 1 to 4 foot thick intervals of sands and gravels to a total explored depth of approximately 45 feet bgs. Boring logs for wells MW-1, MW-2, MW-6 and MW-7 indicate less than 5 feet of sand and/or gravel encountered, while those for wells MW-3, MW-4, MW-8, MW-9, MW-10, EX-1 and EX-2 indicate more than 10 feet of sand and/or gravel encountered (Attachment C). Groundwater was first encountered during drilling at depths ranging from 26 feet to 43.5 feet bgs (Attachment C). Geologic cross-sections depicting the lithology at the Site and in the immediate vicinity of the Site are presented in Attachment D.

The water table fluctuates seasonally and has risen about 10 feet since 1992. The static depth to water in monitoring wells at the Site has ranged between 13.02 and 33.74 feet bgs (Attachment B-Table 9). The historic groundwater flow direction between July 1992 and August 2003 has ranged between southwest through northeast but has predominantly been north to northeast, and the hydraulic gradient has ranged between 0.002 to 0.14 feet per foot (Attachment E-Table 1). A rose diagram indicating the historical hydraulic gradient magnitude and direction at the Site is presented in Attachment E.

The nearest surface water body is Arroyo Viejo, located approximately 1,300 feet south of the Site (Figure 1). In October 2000, Alisto Engineering Group conducted a potential receptor survey and a one-half-mile radius well survey for the Site (Attachment F). A review of the State of California Department of Water Resources (DWR) files identified that eleven off-Site monitoring wells, four cathodic protection wells, one industrial well, and one irrigation well were located within one-half-mile radius of the Site. The identified industrial and irrigation wells were between approximately  $\frac{1}{4}$  and  $\frac{1}{2}$ -mile north of the Site, respectively.

#### **PROPOSED SCOPE OF WORK**

The proposed scope of work to further characterize the nature and extent of hydrocarbon contamination associated with the Site includes:

- Preferential Pathway Survey;
- Contaminant Source Characterization;
- Contaminant Plume Definition;
- Groundwater Contaminant Plume Monitoring; and
- Corrective Action Plan.



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#### PREFERENTIAL PATHWAY SURVEY

An underground utility Site survey was conducted in October 2000 by Alisto Engineering Group to identify potential migration pathways and conduits to assess the probability of the plume encountering preferential pathways and conduits that may promote the migration of petroleum hydrocarbons. An additional underground utility survey was recently conducted by URS to augment the previous survey and verify the depths of the underground utilities in the area of the Site. A map showing the locations of the underground utilities in the area of the Site is presented in Attachment C and Figure 3. Geologic cross-sections showing the locations and depths of the underground utilities in the area of the Site are presented in Attachment D. Based on the locations and relatively shallow depths of the underground utilities (maximum depth of approximately 10 feet), the lithology and the depth to water at the Site (between 13.02 and 33.74 feet bgs), preferential dissolved petroleum hydrocarbon migration pathways and conduits are unlikely to exist at the Site.

#### CONTAMINANT SOURCE CHARACTERIZATION

The purpose of the contaminant source characterization is to assess the lateral and vertical extent of petroleum hydrocarbons in soils in the vicinity of the contaminant sources, such as the former and current USTs, product dispensers, and product piping. The historical soil analytical data indicates that relatively elevated concentrations of petroleum hydrocarbons were encountered in soil samples collected from beneath the current UST locations at depths of 15 to 16 feet bgs, from the former dispenser areas at surface levels, and from boring MW-4 at depths from 15 to 25 feet bgs. Evaluation of the historical soil analytical data indicates the presence of data gaps that need to be addressed to adequately characterize the identified contaminant source areas.

Accordingly, URS proposes advancing 12 soil borings (A-1 through A-12) in the vicinity of the identified contaminant source areas such as the locations of the former and current USTs, product dispensers, and in the vicinity of MW-4. The proposed boring/sampling locations are shown in Figure 2. The analytical results of soil samples collected from the proposed boring locations and depths will address the identified data gaps allowing adequate characterization of the lateral and vertical extent of petroleum hydrocarbons in soils in the identified source areas.

The proposed sample locations are preliminary, and may be subject to change in order to obtain the necessary clearance from underground and above-ground utilities per the BP GEM drilling and utility clearance guidelines. In accordance to BP GEM's utility clearance policy, all proposed boring locations will be at a minimum 10 feet away from all USTs, product lines and dispensers. Each boring will be continuously cored using direct push methods to the depth of first encountered groundwater, which ranges between 26 feet and 43.5 feet bgs at the Site. However, the first 5 feet of each boring will be performed using air knife methods per BP GEM utility clearance procedures. Depth discrete soil samples for possible lab analysis will be collected at 5 feet depth intervals and each boring will be logged for lithologic characterization. Groundwater samples will not be collected from the respective borings as quarterly monitoring



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of six on-Site groundwater monitoring wells provide adequate data on the dissolved phase hydrocarbon concentrations at the Site.

Soil samples collected for possible laboratory analysis will be screened for volatile hydrocarbons by a photo-ionization detector (PID). Soil samples collected at a minimum of 5-foot depth intervals, at the groundwater interface, and intervals containing significant hydrocarbon concentrations as screened by the PID, will be selected for laboratory analysis. A State of California DHS Certified Laboratory will analyze the selected soil samples for TPH-g, BTEX and fuel oxygenates including MTBE and ethanol using EPA Method 8260B.

#### CONTAMINANT PLUME DEFINITION

The analytical results of the ongoing groundwater monitoring program indicate relatively elevated petroleum hydrocarbon concentrations in wells MW-2, MW-4, MW-9 and MW-10 (Attachment B-Figure 3 and Table 9). Well MW-2 is in the contaminant source area (former UST location), well MW-10 is downgradient (north to northeast) of the contaminant source area, and wells MW-4 and MW-9 are cross gradient (southeast) of the contaminant source area. Wells MW-1, MW-3, MW-6 through MW-8 adequately define the extent of the dissolved contaminant plume in the area southwest through north to northwest of the contaminant source areas (Figures 2 and 3).

To assist in additional definition of the dissolved contaminant plume in the contaminant source area, URS proposes incorporating extraction wells EX-1 and EX-2 into the ongoing groundwater monitoring program (Figure 2). To further define the downgradient, cross-gradient and upgradient (i.e., northern through eastern through southern) extent of the dissolved contaminant plume, URS proposes advancing borings at 6 sample locations (two borings per location) using a GeoProbe™ or equivalent direct push sampling rig. The proposed boring locations are shown on Figure 3.

The north through northeasterly downgradient extent of the dissolved contaminant plume will be defined by proposed boring locations UB-1 through UB-4, and the southeasterly cross-gradient to southerly upgradient extent of the plume will be defined by proposed boring locations UB-5 through UB-7. Borings UB-1 through UB-3 will be located in the parking lot of the adjacent Eastmont Mall and will be spaced approximately 120 feet apart from each other. Boring UB-1 will be located approximately 240 feet north to northwest of the former and current UST locations, and borings UB-2 and UB-3 will be located approximately 120 feet north to northeast and northeast of the former and current UST locations, respectively. Downgradient boring UB-4 will be located on a street median on 73<sup>rd</sup> Avenue approximately 160 feet northeast to east of the former and current UST locations. Cross-gradient boring UB-5 will be located in a City of Oakland owned vacant lot approximately 280 feet southeast of the former and current UST locations. Upgradient boring UB-6 will be located on a street median on Bancroft Avenue approximately 240 feet south of the former and current UST locations. The respective borings





Mr. Don Hwang  
November 28, 2003  
Page 8 of 10

will be located at least 10 feet from the nearest underground utilities per BP GEM utility clearance procedures.

The borings will be advanced to total depths of 40 to 50 feet, or approximately 20 feet below expected depth to first encountered groundwater. The first 5 feet of each boring will be performed using air knife methods per BP GEM utility clearance procedures. Since it is not practical to collect depth discrete groundwater samples within a continuously cored soil boring, or conduct soil sampling while using depth discrete groundwater sampling probes, URS proposes a closely spaced pair of borings (within 2 feet apart) at each sampling location. Each pair of borings per sample location will be numbered UB-1A and UB-1B, etc. Foreknowledge of the lithologic and hydrogeologic conditions is necessary to anticipate proper discrete groundwater sampling depths. Therefore, URS proposes to continuously core the first soil boring at each location for lithologic characterization, with soil analytical samples to be collected at the soil/groundwater interface and from areas of obvious contamination.

A depth discrete groundwater sampling probe with a sealed retractable screen interval will then be advanced within 2 feet of the original boring using direct push methods to approximately 40 to 50 feet bgs. Depth discrete groundwater samples will be collected at the saturated/unsaturated zone interface, at 10 foot depth intervals below, and at multiple discrete water-bearing zones and lithologic changes, if encountered within the initial boring. As presented in Attachment H, standard direct push/GeoProbe<sup>TM</sup> drilling and sampling procedures will be followed. Additionally, all drilling and sampling methods will be consistent with ASTM Method D-1452-80 and all applicable county, state and federal regulations.

Soil samples collected for possible laboratory analysis will be screened for volatile hydrocarbons by a photo-ionization detector (PID). Soil samples collected at the groundwater interface, from areas of obvious contamination, and from intervals containing significant hydrocarbon concentrations as screened by the PID, will be selected for laboratory analyses. A State of California DHS Certified Laboratory will analyze the selected soil and groundwater samples for TPH-g, BTEX and MTBE using EPA Methods 8260B. As requested by ACECS, the soil samples will also be analyzed for the lead scavengers ethylene dibromide (EDB) and ethylene Dichloride (EDC) using EPA Method 8260. In addition, the groundwater samples will also be analyzed for other fuel oxygenates, ethanol, tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), EDB, EDC, and 1,2-DCA using EPA Method 8260B.

#### GROUNDWATER CONTAMINANT PLUME MONITORING

Groundwater monitoring for wells MW-1 through MW-4 and MW-6 through MW-10 will continue on the current schedule to assess the nature and extent of the remaining dissolved petroleum hydrocarbons in groundwater both on-Site and off-Site, over time. URS also proposes incorporating on-Site extraction wells EX-1 and EX-2 into the quarterly groundwater monitoring program to further define the dissolved contaminant plume in the source area.



Mr. Don Hwang  
November 28, 2003  
Page 9 of 10

## **CORRECTIVE ACTION PLAN**

The data obtained from the proposed Site assessment activities will be evaluated in conjunction with Cambria's August 8, 2002 'Dual Phase Extraction Pilot Test Report' proposing the use of DPE at the Site. Based on the evaluation, a CAP or a Remedial Action Plan will be submitted proposing a cost-effective final cleanup solution for the remaining petroleum hydrocarbons in soil and groundwater. The CAP will also select a final remedial alternative for soil and groundwater that will adequately address human health and safety, the environment, eliminate nuisance conditions, and protect water resources. The CAP will evaluate at least two technically and economically feasible methods to restore and protect the beneficial uses of water and to meet the cleanup objectives for each contaminant established in the CAP. The CAP will also propose verification monitoring to confirm completion of the correction actions and evaluate the CAP implementation effectiveness.

## **SCHEDULE AND PROJECT MANAGEMENT**

The schedule for the above noted work is as follows:

- Soil and Water Investigation -- Upon approval of this workplan and obtaining the necessary access agreements and permits;
- Soil and Water Investigation Report -- 60 days after the completion of fieldwork; and
- Corrective Action Plan -- 180 days after the completion of the Soil and Water Investigation Report.

In addition, quarterly groundwater monitoring reports will be completed within 45 days of each sampling event.

The Project Manager for this proposed work will be Mr. Leonard P. Niles, a California State Registered Geologist and Certified Hydrogeologist. Mr. Niles will oversee all technical aspects of this work and act as liaison between ACHCS and BP. Other URS staff of engineers, geologists and technicians will support Mr. Niles during the course of this project.

## **LIMITATIONS**

This report is based on data, Site conditions and other information that is generally applicable as of the date of the report, and the conclusions and recommendations herein are therefore applicable only to that time frame. Background information including but not limited to previous field measurements, analytical results, Site plans and other data have been furnished to URS by Group Environmental Management Company, their previous consultants, and/or third parties, which URS has used in preparing this report. URS has relied on this information as furnished, and is neither responsible for nor has confirmed the accuracy of this information.



Mr. Don Hwang  
November 28, 2003  
Page 10 of 10

Analytical data provided by the Group Environmental Management Company approved laboratory has been reviewed and verified by the laboratory. URS has not performed an independent review of the data and is neither responsible for nor has confirmed the accuracy of this data. Field measurements have been supplied by a groundwater sampling subcontractor. URS has not performed an independent review of the field sampling data and is neither responsible for nor has confirmed the accuracy of this data.

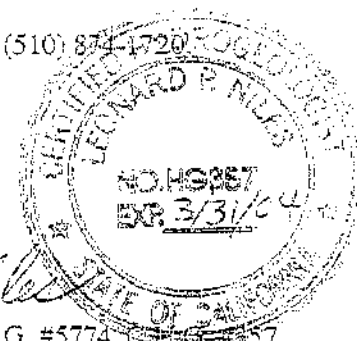
If you have any questions or concerns, please contact Leonard Niles at (510) 874-1720.

Sincerely,

URS CORPORATION

Srijesh Thapa  
Environmental Scientist

Leonard P. Niles, R.G. #5774, C.E.G. #357  
Project Manager



cc: Mr. Paul Supple, BP, Environmental Resources Management,  
(electronic file uploaded to ENFOS)  
Mr. Ade Fagorala, San Francisco Bay Regional Water Quality Control Board, 1515 Clay  
Street, Suite 1400, Oakland, California 94612  
Ms. Liz Sewell, ConocoPhillips, 75 Broadway, Sacramento, California 95818

#### ATTACHMENTS

##### References

- Figure 1 – Site Location Map
- Figure 2 – Proposed Soil Borings Map for Contaminant Source Characterization
- Figure 3 – Proposed Soil Borings Map for Contaminant Plume Definition
- Attachment A – ACHCS September 30, 2003 Letter
- Attachment B – Historical Soil and Water Analytical Data and Sample Locations
- Attachment C – Boring Logs
- Attachment D – Geologic Cross-Sections
- Attachment E – Rose Diagram Of Historical Hydraulic Gradient Magnitude and Direction
- Attachment F – Potential Receptor Survey and a One-Half-Mile Radius Well Survey
- Attachment G – Underground Utility Location Map
- Attachment H – Standard Direct Push Drilling and Sampling Procedures (US EPA Expedited Site Assessment Guidelines, Chapter V)



## REFERENCES

Hunter Environmental Services, Inc. *Phase II Environmental Audit*. Eastmont Mall Property, Oakland, Alameda County, California. December 20, 1989.

Hydro Environmental Technologies, Inc. *Phase I Subsurface Investigation*. BP Oil Facility No. 11117, 7210 Bancroft Avenue, Oakland, California. August 25, 1992.

EMCON Northwest, Inc. *Baseline Assessment Report*. Site Number 11117, 7210 Bancroft Avenue, Oakland, California. December 27, 1994.

Hydro Environmental Technologies, Inc. *Site Assessment Report*. BP Oil Station No. 11117, 7210 Bancroft Avenue, Oakland, California. March 9, 1995.

Pacific Environmental Group, Inc. *Off Site Well Installation Report*. BP Oil Facility # 11117, 7210 Bancroft Avenue, Oakland, California. October 20, 1997.

Environmental Resolutions, Inc. *Underground Storage Tank and Associated Piping and Dispenser Removal*. Tosco 76 Service Station 11117, 7210 Bancroft Avenue, Oakland, California. November 20, 1998.

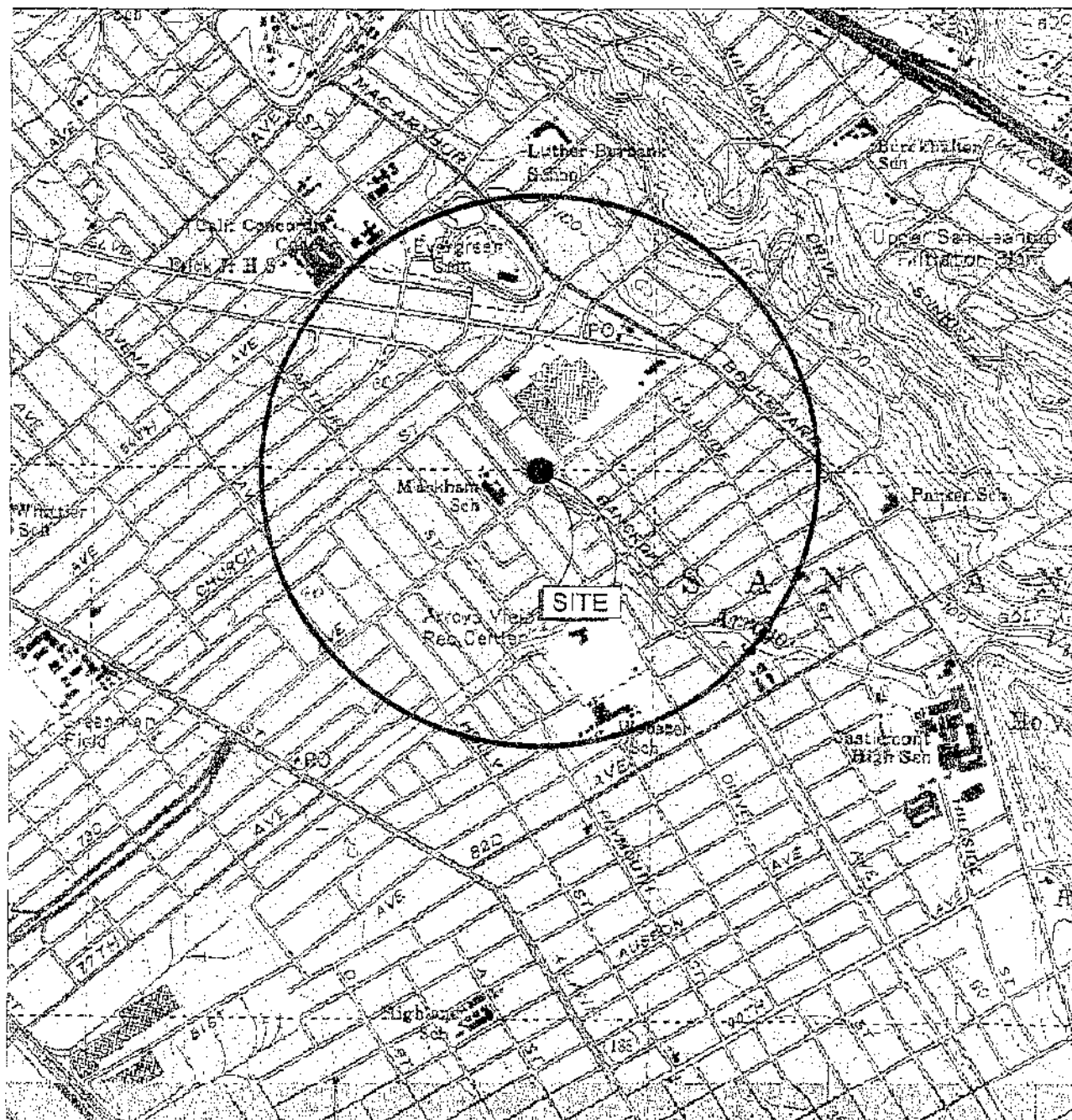
Alisto Engineering Group. *Results of Recovery Testing*. Former BP Oil Site No. 11117, 7210 Bancroft Avenue, Oakland, California. June 4, 1999.

Cambria Environmental Technology, Inc. *Well Installation, Interim Remedial Action and Recovery Testing Report*. Former BP Oil Site No. 11117, 7210 Bancroft Avenue, Oakland, California. August 15, 2000.

Alisto Engineering Group. *Potential Receptor Survey, Expanded Site Plan and Well Search*. BP Oil Company Service Station No. 11117, 7210 Bancroft Avenue, Oakland, California. October 19, 2000.

Cambria Environmental Technology, Inc. *Dual Phase Extraction Pilot Test Report*. Former BP Oil Site No. 11117, 7210 Bancroft Avenue, Oakland, California. August 8, 2002.

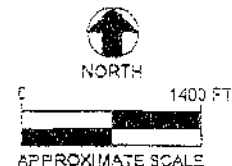
URS Corporation. *Third Quarter 2003 Groundwater Monitoring Report*. Former BP Service Station No. 11117, 7210 Bancroft Avenue, Oakland, California. October 3, 2003.



REF. BASE MAP FROM USGS TOPO  
7.5 MINUTE TOPOGRAPHIC  
PHOTO REVISED 1892



QUADRANGLE LOCATION

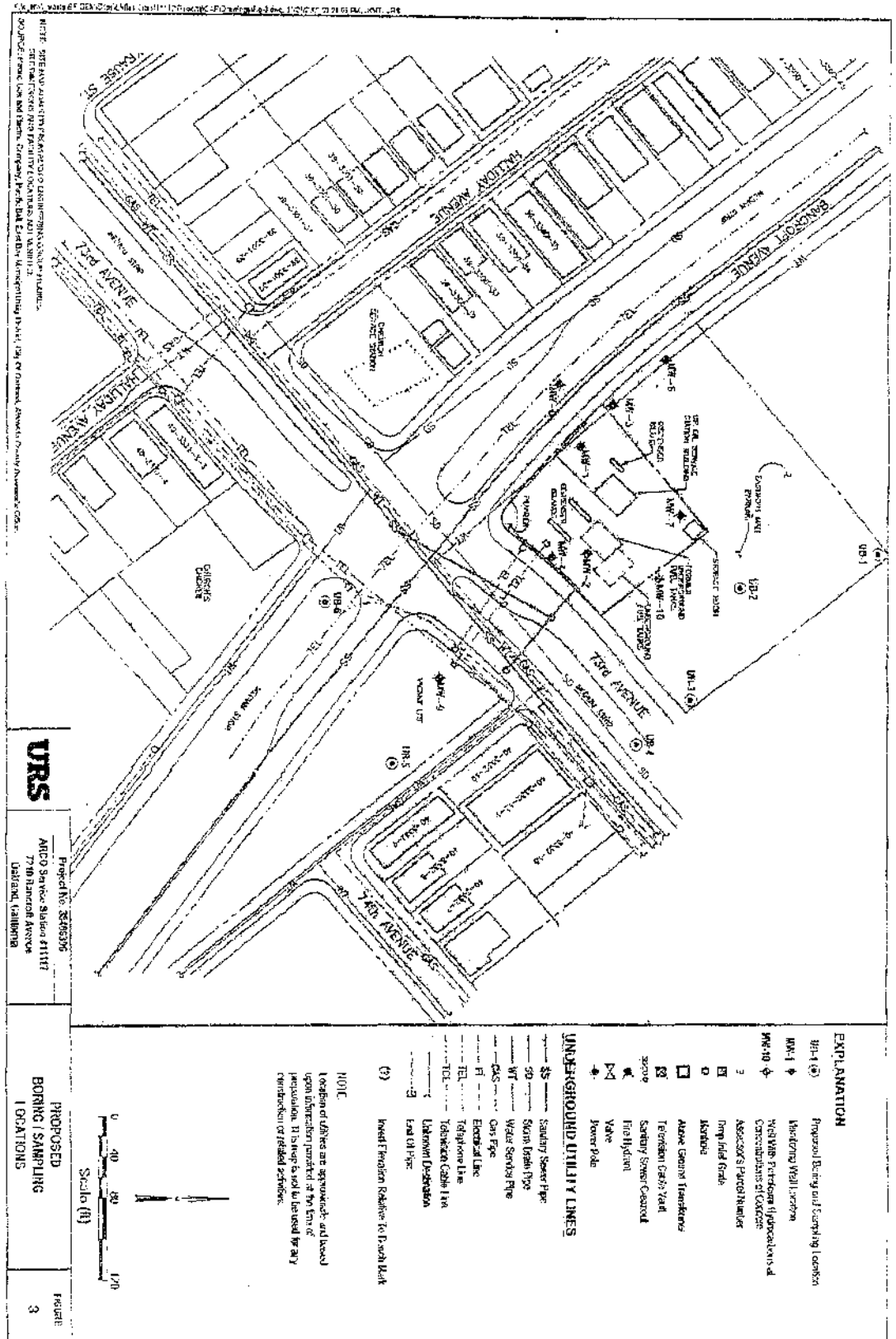
**URS**

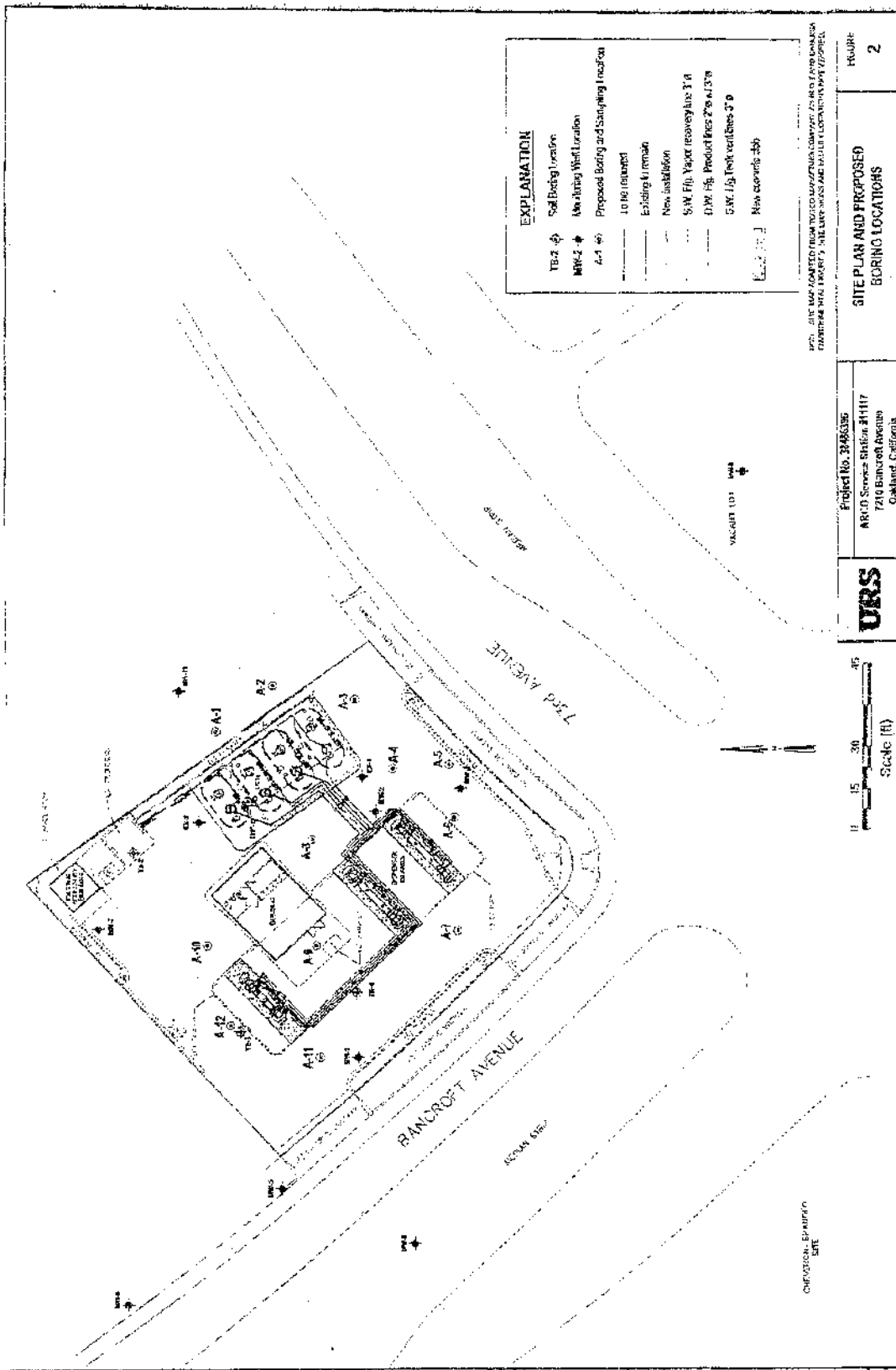
Project No. 36486396  
Former BP Service Station #11117  
7210 Bancroft Avenue  
Oakland, California

### SITE LOCATION MAP

FIGURE

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J001, MISSING 3 PAGES

415.479.3488

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



September 30, 2003

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway Suite 250  
Alameda, CA 94502-5577  
(510) 567-8700  
FAX (510) 337-9335Paul Supple  
Atlantic Richfield Co.  
(a BP affiliated co.)  
PO Box 6549  
Moraga, CA 94570

Dear Mr. Supple:

Subject: Fuel Leak Case No. R00000355, BP Station #11117, 7210 Bancroft Ave.,  
Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed the Leaking Underground Storage Tank Oversight Program file including "2<sup>nd</sup> Quarter 2003 Groundwater Monitoring Report" dated June 20, 2003 by URS Corporation (URS). We request that you address the following technical comments and send us the technical reports requested below.

## TECHNICAL COMMENTS

1. Site Characterization - Up to 560,000 micrograms/liter (ug/l) Total Petroleum Hydrocarbons-Gasoline (TPH-G), 32,000 ug/l benzene, and 95,000 ug/l methyl tertiary-butyl ether (MTBE), have been detected in onsite and offsite monitoring wells. The lateral and vertical extent of your dissolved contaminant plume is undefined. Please propose sampling locations to define the plumes associated with your site in the Work Plan requested below. Include geologic cross-sections and show soil and groundwater analytical results, utility conduits, well screens, etc., and explain your rationale for the additional sampling locations. You may want to consider performing an investigation to quickly define the location of the contaminant plume downgradient from the release site prior to installing the permanent monitoring network. That will allow you to optimize the location and depth of the permanent wells, thereby reducing the cost of the monitoring work. Collection of groundwater samples using a one-time direct push water-sampling tool would be appropriate for this investigation.
2. Source Characterization - 6,000 mg/kg TPH-G and 34 mg/kg benzene were detected at MW-4. We request that you use the information from the tank removals to propose additional borings to delineate the lateral and vertical extent of soil contamination in the source area. Please propose boring locations in the Work Plan requested below.



Mr. Supple  
September 30, 2002  
Page 2 of 3

3. Preferential Pathway Survey - An underground utility site survey was described and diagrams provided in a report dated October 19, 2000. However, depths were not indicated. In addition to the map(s) submitted, please use cross-sections showing the location and depth of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s). Evaluate the probability of the contaminant plumes encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper water aquifers. Please submit with the Work Plan requested below.
4. Historical Hydraulic Gradients - Please show using a rose diagram with magnitude and direction; include cumulative groundwater gradients in all future reports submitted for this site.
5. Groundwater Analyses - We request that you include the other fuel oxygenates Tertiary Amyl Methyl Ether (TAME), Ethyl Tertiary Butyl Ether (ETBE), Di-Isopropyl Ether (DIPE), and Tertiary Butyl Alcohol (TBA), Ethanol by EPA Method 8260 and the lead scavengers, Ethylene Dibromide (EDB), Ethylene Dichloride (EDC) for analyses of grab and monitoring well groundwater samples, and for the lead scavengers, EDB and EDC, also perform analyses on soil samples. If any of the latter compounds are detected, and are determined to be of concern (poses a risk to human health, the environment, or water resources) it is to be incorporated into your regular monitoring plan.
6. 1984 Underground Storage Tank Removals - We do not have any reports of this removal. Please provide documents indicating the former locations of the tanks, their condition, whether the excavation had petroleum odors or discoloration indicative of leakage or contained groundwater, sample locations and results.
7. MW-3 Installation - We do not have any reports of this installation. Please provide a boring log and soil sample analyses.
8. 1998 Underground Storage Tank Removals - We do not have any reports of this removal. Please provide documents indicating the former locations of the tanks, their condition, whether the excavation had petroleum odors or discoloration indicative of leakage or contained groundwater, sample locations and analyses, and Oakland Fire Department inspection report.
9. Dual Phase Extraction (DPE) Pilot Test - The report concluded that DPE is feasible for remediation. However, there is no proposal to use DPE. If you plan to use DPE, please indicate in the Work Plan how it will be implemented.

Mr. Supple  
September 30, 2003  
Page 3 of 3

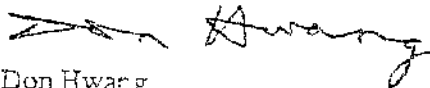
### TECHINICAL REPORT REQUEST

Please submit technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

October 31, 2003 - Third Quarter 2003 Groundwater Monitoring Report  
November 30, 2003 - Workplan  
November 30, 2003 - 1984 & 1998 Underground Storage Tank Removal Documentation  
November 30, 2003 - MW-3 Installation boring log and soil sample analyses  
60 days after Work Plan approval - Soil and Water Investigation Report  
January 31, 2004 - Fourth Quarter 2003 Groundwater Monitoring Report  
April 30, 2004 - First Quarter 2004 Groundwater Monitoring Report  
July 31, 2004 - Second Quarter 2004 Groundwater Monitoring Report

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code. If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: ✓ Leonard Niles, URS Corporation, 500-12<sup>th</sup> St., Suite 200, Oakland, CA 94607-4014  
Donna Drogos  
File



## MicroSearch Environmental Corporation

318 Harrison Street, Suite 1A Oakland, CA 94607 (510) 452-5500 Fax: (510) 452-5510

March 27, 1998

Mr. Juan Mendoza  
Eastmont Mall Manager  
1 Eastmont Mall  
Oakland, California

Re: Drilling Permit 98WR068  
Groundwater Monitoring Well Decommissioning  
1 Eastmont Mall,  
Oakland, California

Dear Juan:

This report describes groundwater monitoring well destruction operations at the above referenced site, herein defined as the Site. The Site Location Map and Site Plan are shown in Figures 1 and 2. Well destruction operations were conducted by Spectrum Exploration and Exploration Geoservices at the direction of MicroSearch Environmental herein called MicroSearch. The project was performed on behalf of Eastmont Mall to fulfill corrective action closure requirements for the Site, as specified in the letters from Alameda County Health Care Services Agency (ACHCSA), dated September 10, 1997, and March 3, 1998 (Appendix A).

### BACKGROUND

Hunter Environmental Services, Inc. (Hunter) of Martinez, California performed a Phase II environmental audit of the Eastmont Mall property on December 20, 1989. Four soil borings were drilled by Hunter on the mall property. Three of these borings were completed as monitoring wells MW-2 through MW-4. Analytical results showed that several soil samples contained hydrocarbon contamination, and several water samples contained 1-2 dichloroethene, trichloroethene, and tetrachloroethene. In 1991, Dames & Moore of San Francisco, California installed six additional soil borings, converting two of them into monitoring wells DM-1 and DM-2. On September 13, 1993, Artesian Environmental Consultants installed five soil borings, converting all of them into monitoring wells MW-5 through MW-9. One soil sample from the vadose zone and one groundwater sample from each boring were submitted to a laboratory and analyzed for total petroleum hydrocarbons for diesel, total petroleum hydrocarbons for gasoline, benzene, toluene, ethyl benzene, total xylenes, and purgeable halocarbons. Laboratory

Well Destruction/Oakland Fire Station 19/  
"providing solutions to environmental problems"

*MicroSearch*

Joseph Cotton  
March 5, 1998  
Page 2

results indicated that concentration levels for all soil and groundwater samples were below the detection levels.

#### WELL CLOSURE ACTIVITIES

On February 15, 1998, MicroSearch obtained a drilling permit (98WR068) from the Alameda County Public Works Agency-Water Resources Section (ACPWA-WRS) for the destruction of nine monitoring wells DM-1, DM-2, MW-2, MW-4 through MW-9 at Eastmont Mall. The drilling permit is included in Appendix B. Groundwater monitoring well closure was conducted to conform with conditional corrective action closure terms as stipulated by ACHCSA.

On March 2, 1998 and March 24, 1998, groundwater monitoring wells DM-1, DM-2, MW-2, MW-4, MW-5, MW-7 through MW-9 were decommissioned in accordance with California well standards and well destruction requirements established by ACPWA-WRS. Each wells was pressure grouted by securing a coupling to the well casing top. A volume of neat cement equivalent to the filter packed portion of the boring annulus was pumped at roughly 40 pounds per square inch for approximately five minutes. The remainder of the well casing was filled with cement.

MicroSearch made a diligent effort to locate well MW-6, but it was not found. MicroSearch concludes that the cover of well MW-6 was taken from the well and the well was buried by asphalt pavement during pavement maintenance. Based on the foregoing, MicroSearch recommends that ACHCSA and ACPWA-WRS accept closure of the wells.

Should you have any questions or require additional information, please do not hesitate to contact me at (510)452-5500.

Sincerely,  
MicroSearch Environmental



Truman Kwok  
Project Engineer

## Figures

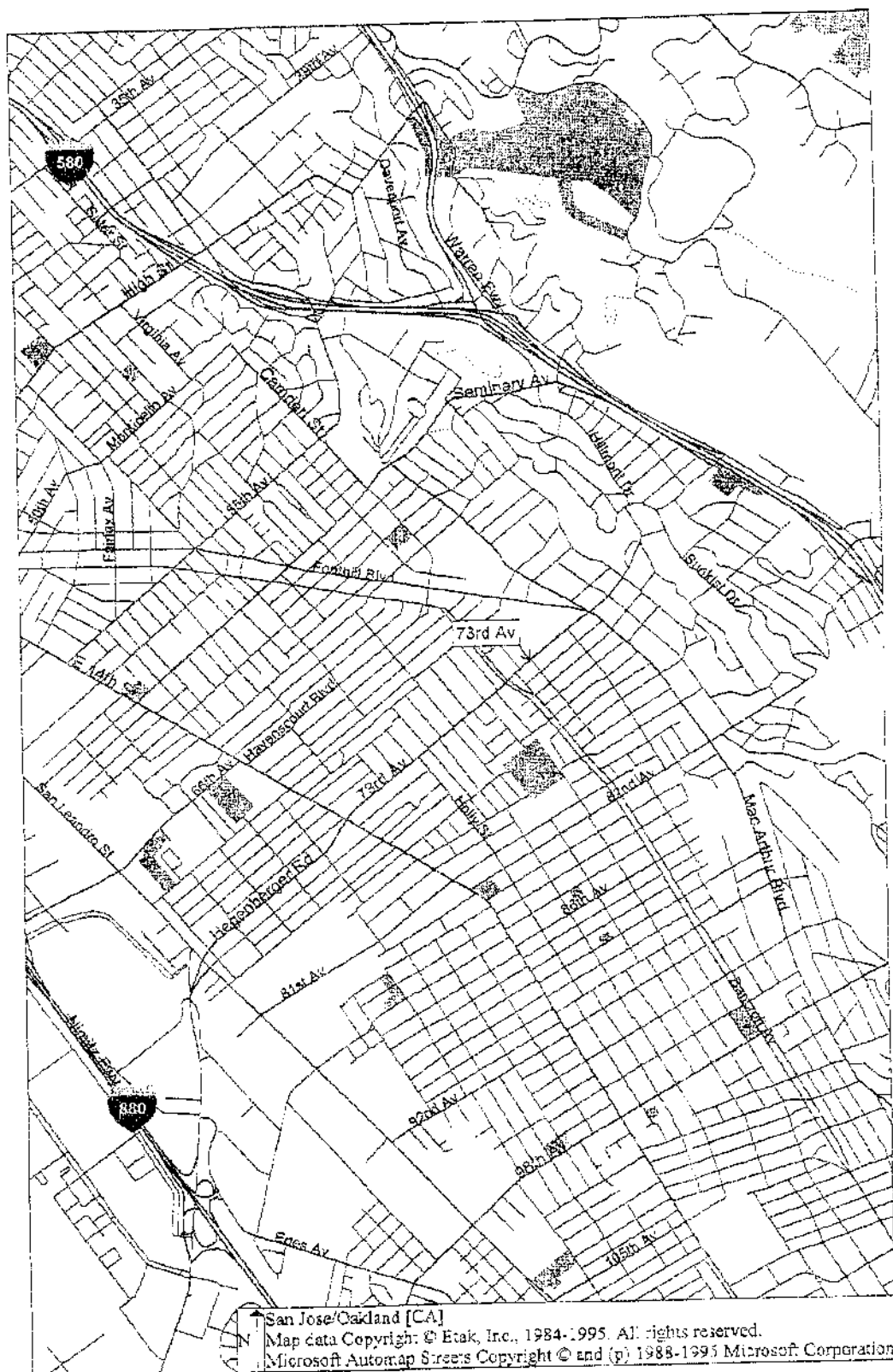


Figure 1 Site Location Map

Mar-06-98 02:20P EASTMONT TOWN CENTER

510 636 1727

P.02

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9338 (FAX)

StID 114

March 3, 1998

Mr. Jack Sumski  
1 Eastmont Town Center  
Oakland, CA 94605

RE: Well Decommission at 1 Eastmont Mall, Oakland, CA

Dear Mr. Sumski:

On September 10, 1997 I sent you a letter requesting that groundwater monitoring wells MW-5 through MW-9 be decommissioned, if they are no longer monitored. In response, Mr. Juan Mendosa of your office contacted me to inquire if wells MW-2, MW-3 and MW-4 should also be decommissioned at this time. Wells MW-2 through MW-4 were installed in December 1989 by Hunter Environmental Services, Inc.

Upon further review of the case it appears that wells MW-2 and MW-4 are no longer monitored. If this is the case, these wells should also be decommissioned. However, well MW-3, which is located adjacent to the BP Service Station, may be the same well that BP is currently monitoring. Enclosed are two site plans, one depicting the well MW-3 which was installed by Hunter Environmental, and another depicting the well which BP is sampling. If these wells are one and the same, then well MW-3 should not be decommissioned at this time. If there are indeed two wells identified as MW-3, then the one not being monitored may be decommissioned.

If you need further clarification of this letter, I may be reached at (510) 567-6762.

eva chu  
Hazardous Materials Specialist

enclosures

c: Juan Mendosa, 1 Eastmont Town Center

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94602-8577  
(510) 567-6700  
FAX (510) 327-9395

StID 114

September 10, 1997

Mr. Jack Sumski  
1 Eastmont Town Center  
Oakland, CA 94605

RE: Well Decommission at 1 Eastmont Mall, Oakland, CA

Dear Mr. Sumski:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells (MW-5 through MW-9) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Public Works. They can be reached at (510) 670-5575.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu  
Hazardous Materials Specialist

c: Gale Connor, 4 Embarcadero Center, Suite 1400, San Francisco,  
CA 94111



FEB-15-'98 SUN 13:58

ID:ALAMEDA CD PUBLIC WK FAX NO:510/670-5262

#704 P02

Sent by: MicroSearch 5104 510

02/13/98 1:17PM Job 509

Page 3/5

#127 P02



## ALAMEDA COUNTY PUBLIC WORKS AGENCY

## WATER RESOURCES SECTION

361 TURNER COURT, SUITE 200, RAYWARD, CA 94583-2651

PHONE (510) 670-5273 ANDREAS GODFREY

FAX (510) 670-9762

(510) 670-0245 ALVIN KAN

## DRILLING PERMIT APPLICATION

## FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT Eastmont Mall,  
Oakland, CACalifornia Coordinate System                      N. Assembly                      R.  
CCN                      R. CGZ                      R.  
ATN                     

## CLIENT

Name Eastmont Town Center  
Address 1 Eastmont Town Center Phone (510) 633-1351  
City Oakland, CA Zip 94601

## APPLICANT

Name MicroSearch Environmental  
Address 315 Harrison St. Suite 101 Phone (510) 632-1000  
City Oakland Zip 94601

## TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection		General	<input type="checkbox"/>
Water Supply		Contamination	<input type="checkbox"/>
Monitoring	<input type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

## PROPOSED WATER SUPPLY WELL USE

New Domestic	<input checked="" type="checkbox"/>	Replacement Domestic	<input type="checkbox"/>
Municipal	<input type="checkbox"/>	Irrigation	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	Other <u>Monitoring</u>	<input checked="" type="checkbox"/>

## DRILLING METHOD:

Mud Rotary	<input type="checkbox"/>	Air Rotary	<input type="checkbox"/>	Auger	<input type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>	<u>Pressure Grouting</u>	

DRILLER'S LICENSE NO. CLB4288

## WELL PROJECTS

DNV Hole Diameter	<u>                    </u> in.	Maximum	<u>                    </u>
Casing Diameter	<u>                    </u> in.	Depth	<u>                    </u> ft.
Surface Seal Depth	<u>                    </u> ft.	Number	<u>                    </u>

## GEOTECHNICAL PROJECTS

Number of Borings	<u>                    </u>	Maximum	<u>                    </u>
Hole Diameter	<u>                    </u> in.	Depth	<u>                    </u> ft.

ESTIMATED STARTING DATE 2/10/98ESTIMATED COMPLETION DATE 3/10/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 13-08.

APPLICANT'S SIGNATURE [Signature] DATE 2/13/98

## FOR OFFICE USE

PERMIT NUMBER 90W2068WELL NUMBER                     APN                     

## PERMIT CONDITIONS

Circled Permit Requirements Apply

## A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sheets for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

## B. WATER SUPPLY WELLS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 20 feet for municipal and industrial wells or 30 feet for domestic and irrigation wells unless a lesser depth is specially approved.

## C. GROUNDWATER MONITORING WELLS

## INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

## D. GEOTECHNICAL

Backfill bore hole with compressed cuttings or heavy bentonite and spool two feet with suspended material. In areas of known or suspected contamination, treated cement grout shall be used in place of compressed cuttings.

## E. CATHODIC

Fill hole above grade zone with concrete placed by tremie.

## F. WELL DESTRUCTION

See attached.

## G. SPECIAL CONDITIONS

APPROVED [Signature]DATE 2/15/98

SEP-15-1998 SLN 13:59 ID:ALAMEDA CO PUBLIC L&amp; FAX NO:510/670-5262

#724 P23

**ALAMEDA COUNTY PUBLIC WORKS AGENCY****WATER RESOURCES SECTION**

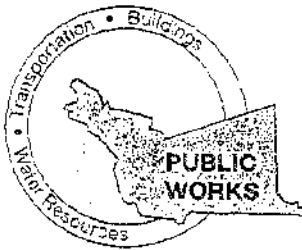
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651

PHONE (510) 670-5571 ANDREAS GODFREY FAX (510) 670-5262  
(510) 670-5248 ALVIN KAN

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**WATER RESOURCES SECTION  
GROUNDWATER PROTECTION ORDINANCE  
For Pressure Grouting of Monitoring Well***ONE EASTMONT MALL**LAKEVIEW**PERMIT NO. 98WR068***Destruction Requirements:**

1. Clean out all bridged or poorly compacted materials to the bottom of the well.
2. Pressure grout the casing to 2 feet below finished grade or original ground, whichever is the lower elevation.
3. Remove casing, seal and gravel pack to 2 feet below finished grade or original ground, whichever is the lower elevation.
4. After the seal has set, backfill the remaining hole with compacted material.



COUNTY OF ALAMEDA  
**PUBLIC WORKS AGENCY**

951 Turner Court, Room 300  
Hayward, CA 94545-2651  
(510) 670-5543

April 10, 1998

Mr. Truman Kwok, Project Engineer  
MicroSearch Environmental Corporation  
318 Harrison Street Suite 1A  
Oakland, CA 94607

RE: Groundwater Monitoring Well Decommissioning - 1 Eastmont Mall,  
Oakland, California

The Alameda County Public Works Agency has reviewed and approved the method of decommissioning of the eight groundwater monitoring wells (DM-1, DM-2, MW-2, MW-4, MW-5, and MW-7 through MW-9) that were located on the property.

Even though a diligent effort was made to locate well MW-6, but not found, future efforts to the decommissioning of the well will be the financial responsibility of the Eastmont Town Center.

If you have any questions concerning this letter, please contact me at (510) 670-5575.

Sincerely,

Andreas Godfrey  
Assistant Engineer-Scientist

cc: Mr. Juan Mendosa, 1 Eastmont Town Center

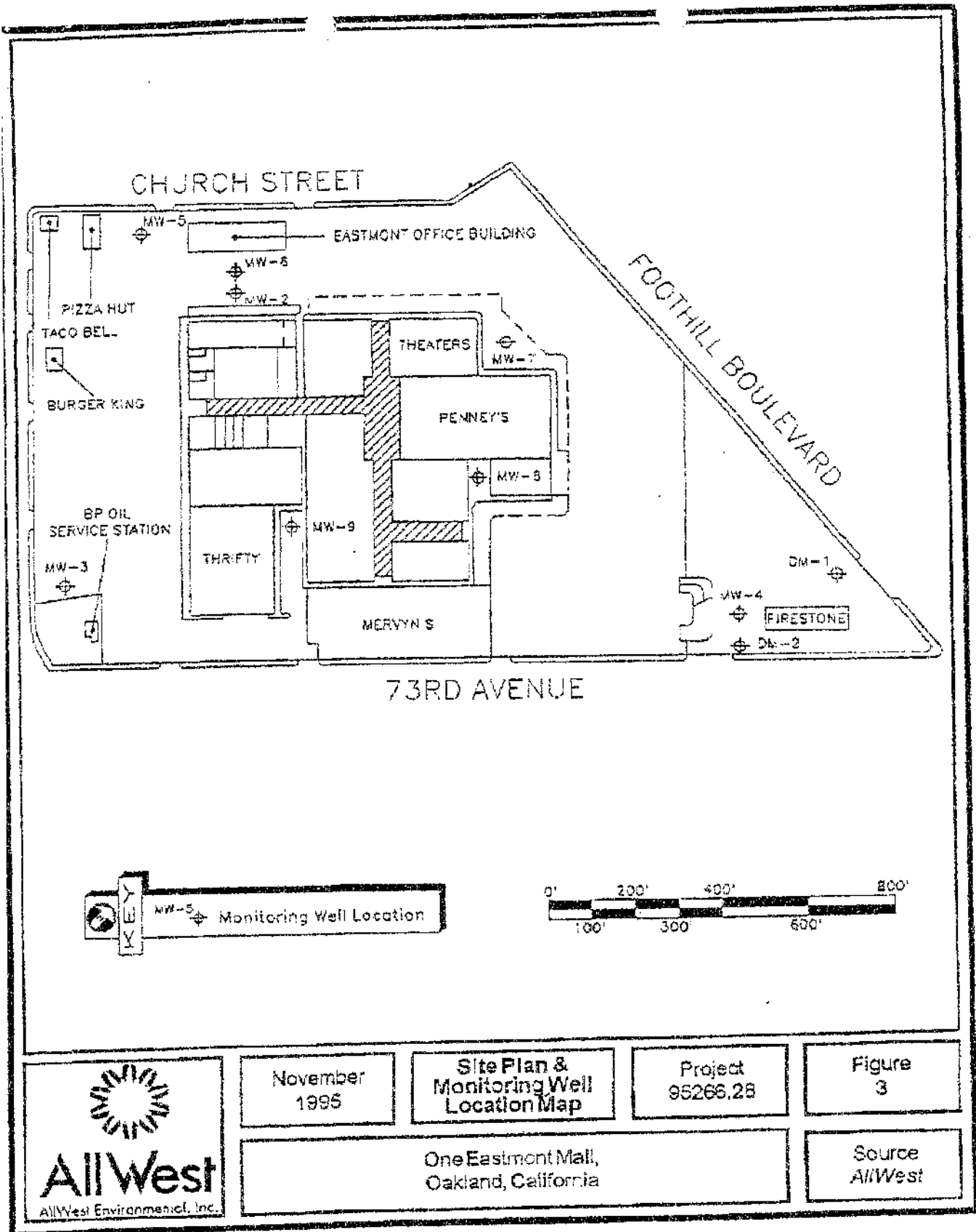


Figure 2 Site Plan

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**PHASE I  
ENVIRONMENTAL SITE ASSESSMENT**

**for the  
EASTMONT TOWN CENTER  
MacArthur Boulevard and 73<sup>rd</sup> Avenue  
Oakland, California  
94605**

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June 30, 1997

prepared for:

**FREMONT INVESTMENT & LOAN  
100 California Street, Suite 730  
San Francisco, California  
94111**

prepared by:

**NORTHWEST ENVIROCON, INCORPORATED  
1828 Tribute Road, Suite A  
Sacramento, California  
95815**

**(916) 649-3570**

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## PHASE I ENVIRONMENTAL SITE ASSESSMENT

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Client: Fremont Investment & Loan  
100 California Street, Suite 730  
San Francisco, California 94111

Point of Contact: Ms. Theresa Dye

Property: Eastmont Town Center  
MacArthur Boulevard and 73rd Avenue  
Oakland, California 94605

Assessor's Parcel  
Numbers: 39-3291-19 and 39-3299-3

Key Site Manager: Mr. Bob Bridwell

Employer/Title: Eastmont Town Center LLC/executive general manager

Environmental  
Assessor: Mr. Steven P. Ashe, Registered Environmental Assessor #03644

S.I.C. Code: Not provided

Major Commercial  
Activities: Retail shopping center, office building, restaurants, and gas station

Project Number: 05-001064

Report Date: June 30, 1997

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## I. EXECUTIVE SUMMARY

Northwest Envirocon, Incorporated (NWE) was retained by Fremont Investment & Loan to perform a Phase I Environmental Site Assessment of the site identified as the Eastmont Town Center, located at MacArthur Boulevard and 73rd Avenue in Oakland, California (subject Property).

At the time of the site inspection, the subject Property consisted of an approximate 35 acre parcel of land by a two-story, multi-tenant shopping complex, a four-story office building, a police station, a gas station, and three free-standing restaurant structures. The structures totaled approximately 650,000 square and occupied approximately 40 percent of the subject Property. The remaining 60 percent consisted of asphalt-paved parking, elevated parking areas, and driveway areas, concrete sidewalks, and landscaped areas. The structures appeared well maintained at the time of the site visit. The subject Property is located on the northeast corner of Bancroft Avenue and 73rd Avenue in a mixed residential and commercial area of Oakland, California.

From a review of historical information, it can be concluded that the subject Property was initially structurally developed in approximately 1919 with an automotive body plant. This industrial plant occupied the majority of the southern portion of the subject Property, while a park occupied the northern corner. In approximately 1964, the automotive plant was demolished. The central core of the present day retail center was constructed in approximately 1968, with the remainder of the complex and associated free-standing structures being constructed by 1974. The majority of the neighboring properties were structurally developed as early as the 1930s with residential structures. The neighboring properties have been increasingly redeveloped with commercial structures since the 1970s.

- Historical research identified that the western portion of the subject Property was formerly occupied by the Fisher Body St. Louis Oakland Plant. This plant operated at the site from approximately 1919 until 1964. Historically, petroleum contaminated groundwater has been detected underneath the mall portion of the subject Property. However, recent groundwater monitoring has not detected petroleum or purgable halocarbons in groundwater samples collected underneath the former footprint of the plant. After review of available documents, it appears that the Alameda County Department of Environmental Health will likely to issue closure for the site with the exclusion of the BP station portion. However, no closure letter has yet been issued.
- Soil and groundwater contamination has been identified at the BP Station since 1992. Monitoring wells located on the BP station site have detected petroleum contaminants in varying amounts, with the highest levels detected in the vicinity of the new and former USTs. Petroleum contaminated groundwater has also been detected in monitoring wells located northwest of the BP station property, located on the mall portion of the subject Property.
- An abandoned oil/water clarifier was observed in the vicinity of the Eastmont Auto Service tenant space. Several oily surface stains leading into this surface feature were observed at the site if the site inspection.

(continued on the next page)



- A limited asbestos sampling survey conducted by NWE of the subject Property's building materials identified the following asbestos-containing materials (ACMs): floor tile and mastic, sheetrock and sheetrock joint, linoleum floor sheeting, 9x9 inch floor, spray-on ceiling texture [throughout the main mall corridor], and 12x12 inch floor tile and mastic. In addition, previous environmental investigations have identified that the sprayed-on deck fireproofing in the former J.C. Penney tenant space, cementitious piping in the police station and cooling tower slats in the penthouse above the J.C. Penney tenant space. This limited inspection cannot be construed as a sufficient pre-renovation/demolition asbestos inspection. In order to use this information for such an activity, additional collection and analysis of suspect building materials identified as non-ACM must be conducted.
- An abandoned industrial well was noted on the subject Property in an October 1993 report prepared by Artesian Environmental Consultants. This report identified that this well was located in the approximate area of IGA store. This well should be located and properly destroyed to eliminate a potential conduit of subsurface contamination.
- A groundwater monitoring well identified as MW-2 was formerly located west of the Sparkle Cleaners tenant space. This monitoring well has not been located since the early 1990s. This well should be located and properly destroyed to eliminate a potential conduit of subsurface contamination.
- An unlabeled, rusted 55-gallon drum containing an unidentified oily liquid was located outside the northwestern corner of the J.C. Penney tenant space.
- Several surface drains observed on the subject Property had oily or paint staining around their perimeters or interiors.

This Assessment was performed in accordance with ASTM E1527-94 and the scope of services identified in the *Consulting Master Services Agreement*, document, dated April 24, 1997, between Fremont Investment & Loan and NWE. This assessment has identified no evidence of recognized environmental conditions in connection with the subject Property.

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## II. INTRODUCTION

### A. Purpose

The purpose of this Phase I Environmental Assessment is to identify recognized environmental conditions in connection with the subject Property. The term "recognized environmental conditions," as defined in ASTM Standard Practice I-1527-94, means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release or a material threat of a release of any hazardous substances or petroleum products into structures, onto the property or in the ground, groundwater or surface water, of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with environmental laws. This assessment had been performed in a manner which complies with requirements of the ASTM Standard as amended from time to time, and Consultant's contractual obligations to Client, identified in the *Consulting Master Services Agreement*, dated April 24, 1997.

The procedure for this Environmental Site Assessment was to perform in practical and reasonable steps an investigation to ascertain the possibility, presence, or absence of recognized environmental conditions as delineated by the Scope of Work. This was accomplished by employing currently available technology, existing regulations, and generally acceptable engineering practices.

### B. Environmental Assessment Report Limitations

The enclosed Phase I Environmental Site Assessment has been performed for the exclusive use of Fremont Investment & Loan, or agents specified by it for the transaction at issue concerning the subject Property at MacArthur Boulevard and 73rd Avenue in Oakland, California.

This Assessment has been performed in accordance with the Scope of Services set forth in the *Consulting Master Services Agreement* with Fremont Investment & Loan dated April 24, 1997. No other warranty or guarantee, expressed or implied, is made or offered.

The conclusions and recommendations (if applicable) stated in this Report are based upon observations made by employees of NWE and also upon information obtained by NWE. While reasonable attempts have been made to verify this information, we cannot guarantee its accuracy.

The observations contained within this Assessment are based upon site conditions readily visible and present at the time of our site inspection. These site observations are unable to specifically address conditions of subsurface soil, groundwater, or underground storage tanks, unless specifically mentioned.

### C. General Information

Mr. Bob Bridwell, executive general manager with the Eastmont Town Center LLC, was identified as the "Key Site Manager." The Key Site Manager is that person having the most reliable knowledge as to the previous uses and current conditions of the subject Property, and in a position to provide reasonably accurate information for the Field Screen Questionnaire. The Field Screen Questionnaire was completed by Mr. Bridwell subsequent to the on-site inspection. A copy of the Field Screen Questionnaire is contained in the appendix of this Report.

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The initial on-site inspection was conducted on June 19, 1997, by Mr. Steven P. Ashe, Registered Environmental Assessor (REA) with NWE. A second site inspection was conducted on June 25, 1997. At that time, the NWE Assessor was accompanied by Juan Mendoza, maintenance manager, and his staff during the site visit. Weather conditions for the site inspection consisted of clear skies with temperatures in the 80s.

## III. GENERAL SITE CHARACTERISTICS

### A. Location and Legal Description

The subject Property is located at the following known addresses: One Eastmont Mall, 7210 Bancroft Avenue, 2701 73rd Avenue, California, and its location is shown on maps included in the appendix of this Report. At the time of the site visit, the subject Property was occupied by a two-story, multi-tenant retail complex, a four-story office building, a service station, three fast food restaurants, and a police station.

For further geographic reference, the subject Property is located at the southwest corner of the intersection of Foothill Boulevard and 73rd Avenue, as identified on the Alameda County Assessor's Parcel Map. A copy of the two Assessor's Parcel Maps that constitute the subject Property are included in the appendix.

#### Legal Description:

Copies of the legal descriptions for the two parcels of land which constitute the subject Property are included in the appendix of this Report.

### B. Site and Vicinity Characteristics

The subject Property was located in a mixed residential and commercial section of Oakland. The area immediately surrounding the subject Property was occupied primarily by residential development at the time of the site visit. Several small commercial businesses were located east and west of the site. At the time of the site inspection, a Chevron service station was located immediately south of the subject Property and the Diamond Dry Cleaners was located west of the subject Property. No other gasoline stations, industrial facilities, or manufacturing operations were noted in the immediate area or on adjoining properties.

### C. Site Description and Current Site Uses/Operations

At the time of the site inspection, the subject Property consisted of an approximate 35 acre parcel of land by a two-story, multi-tenant shopping complex, a four-story office building, a police station, a gas station, and three free-standing restaurant structures. The structures totaled approximately 650,000 square and occupied approximately 40 percent of the subject Property. The remaining 60 percent consisted of asphalt-paved parking, elevated parking areas, and driveway areas, concrete sidewalks, and landscaped areas. The structures appeared well maintained at the time of the site visit. The subject Property is located on the northeast corner of Bancroft Avenue and 73rd Avenue in a mixed residential and commercial area of Oakland, California.

Vehicle access onto the subject Property was provided from several driveways off the adjoining roadways: Four driveways located along Bancroft Avenue to the southwest; Two driveways off

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Church Street to the northwest; Five driveways off 73rd Avenue to the southeast; and, two driveways off Foothill Boulevard to the north. Business operations on the subject Property were limited to a movie theater, retail businesses, fast-food restaurants, an automotive repair business, offices, and a gas station. In addition, an Oakland Police satellite station was located on the subject Property.

## **C.1. Surface Characteristics**

The subject Property consisted of approximately 95 percent impermeable surfaces including the subject structures, the asphalt parking area, and concrete sidewalks. The remaining portions of the subject Property's surface were covered with trees, shrubs, grass and landscaped planters. No significant surface staining was observed on the subject Property during this assessment. However, moderate surface staining was noted in the work area and general vicinity of the Eastmont Auto Service tenant space.

The general topography of the area surrounding the subject Property slopes to the west, toward the San Francisco Bay. The topography of the subject Property appeared relatively flat; however, the parking areas were designed to slope slightly toward the southwest.

## **C.2. Structure Construction**

The subject Property was improved with a two-story retail mall complex, a gas station, three fast food restaurants, a four story office building, and a police station. The former J.C. Penney tenant space of the mall complex consisted of three floors with a penthouse. The retail complex totaled approximately 613,400 square feet and included the main mall that contained a theater complex, Thrifty Drugs, Goodyear Tire Center, former J.C. Penney, and other smaller businesses. This structure had cinderblock exterior walls, a built-up composition roof, and a poured concrete slab foundations. The second floor of the mall and the third floor of the J.C. Penney was light weight concrete. Interior walls were finished with sheetrock and painted plaster. Ceilings of this complex consisted of finished sheetrock, suspended acoustic ceilings, or sprayed-on ceiling texture applied to sheetrock. Floors were either vinyl floor coverings, carpeting, finished concrete, aggregate, terrazzo, or ceramic floor tiles.

The three free-standing restaurants and BP station had brick or stucco exterior walls set on concrete slab foundations. The sizes of these structures are approximately: Burger King restaurant - 5,200 square feet; Taco Bell - 1,800 square feet; Pharaohs Pizza - 2,700 square feet; and BP station - 800 square feet. The interior walls were sheetrock. Ceilings consisted of wood, painted sheetrock, or sprayed-on ceiling texture applied to sheetrock. Floors were primarily ceramic tile; however carpeting and linoleum floor sheeting were applied in the pizza restaurant.

The approximate 16,875 square foot, four-story office structure had a steel and concrete frame. The interior walls were sheetrock. Ceilings of the tenant spaces and office suites consisted of suspended ceiling panels, while glued ceiling tiles were used throughout the hallways of the structure. Floors were primarily carpeted with floor tiles used in the hallways.

The approximate 10,000 square foot police station had brick and cinderblock exterior walls. This structure had a concrete floor with a full basement that also had a concrete floor. Interior walls and partitions were sheetrock. The floors were either floor tiles, carpeted, or finished concrete.

## **C.3. Interior Configuration**

The two-story retail mall complex contained 84 multiple-sized tenant spaces. These spaces were located off an interior corridor and atrium. Typically, a tenant space was divided into an open retail or service area, storage area, offices, and restroom. Several of the restaurant related tenants in the mall complex had kitchen/food preparation areas, storage areas, and serving areas.

The three free-standing restaurants consisted of a dining area, food preparation area, kitchen, storage areas, offices, and restrooms. The four-story professional building consisted of service, retail, and food related tenants on the first and second floors, while at the time of the site inspection, the third and fourth floors were vacant. These upper floors were divided into individual office spaces that were connected by a central hallway. The police station had a main administration area, holding areas, work areas, storage areas, and restrooms. The full basement consisted of a storage area and a restroom.

## **C.4. Potable Water Supply and Sewer Service**

The subject Property utilizes water and sewer service from the Alameda County Public Utility District. During the course of the on-site inspection, no evidence of abandoned water supply wells or septic systems was observed on the subject Property. However, an industrial well was noted on the subject Property by Artesian Environmental Consultants in the 1993, *Installation of Five Borings and Monitoring Wells* report. The location of this well would be underneath the former ICA store. No additional information was found regarding this well. The East Bay Municipal Utility District (EBMUD) was contacted regarding this issue; however, the EBMUD had no information regarding this well.

## **D. Environmental Liens**

This Assessment revealed no evidence of environmental liens recorded against the subject Property.

## **E. Current Site Uses**

According to the Alameda County Planning Department, the subject Property is zoned for commercial usage (zone CH-30, district thoroughfare commercial). At the time of the site inspection, the subject Property was occupied by a two-story multi-tenant retail complex, a four-story office building, a police station, a gas station, and three free-standing restaurant structures. A list of the tenants that occupied the subject Property at the time of the site inspection is included in the appendix.

## **F. Current Uses of Adjoining Properties**

For the Scope of this Assessment, properties are defined and categorized based upon their physical proximity to the subject Property. An adjoining property is any real property whose border is contiguous or partially contiguous with the subject Property, or that would be if the properties were not separated by a roadway, street, public thoroughfare, river, or stream. An adjacent property is any real property located within 0.25 mile of the subject Property's border.

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## **F.1. Adjoining and Adjacent Properties - General Description**

At the time of the site inspection, the general area surrounding the subject Property was occupied primarily by commercial and residential properties. The subject Property was bordered by the following:

- North: immediately by Foothill Boulevard, and then by the City of Oakland Fire Department station #23, the Morning Star Christian Pre-School, and undeveloped parcels of land, and further by single family residences.
- Northwest: immediately by Church Street, then by the Foothill Body Shop [closed], Diamond Cleaners, the Edwards Shands Adult School, and residential properties, and further by single family residences.
- Southwest: immediately by Bancroft Avenue, then by single family residences and a Chevron gas station, and then single family residences.
- Southeast: immediately by 73rd Avenue, and then by single family residences and several commercial businesses.

## **F.2. Adjoining and Adjacent Properties Materials Storage**

No unusual or suspicious materials handling storage practices were observed on the publicly accessible portions of the adjoining and adjacent properties. The majority of the adjoining and adjacent properties appear to store household cleaning materials in quantities that are unlikely to environmentally impact the subject Property.

During a limited survey of the Diamond Cleaners [northwestern adjoining property] a small amount of dry cleaning solvent was identified. No stains or indications of improper materials handling practices were noted at this site.

The Chevron station [southwestern adjoining property] maintains three 10,000-gallon underground storage tanks (USTs) as a function of their business. These USTs, a premium, unleaded plus, and regular unleaded, were single-walled construction installed in 1981. In addition to these UST, a small amount of typical household and automotive related materials were stored at the site. These materials were hermetically sealed by the manufacturer and sold to the public.

## **F.3. Adjoining and Adjacent Properties Wastestream Disposal**

No unusual or suspicious wastestream disposal activities were observed on the publicly accessible areas of the adjoining and adjacent properties.

## **F.4. Railroad Right-of-Way**

No railroad right-of-ways were identified in the vicinity of the subject Property.

## IV. INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS

### A. Site Inspection Observations

The on-site inspection was conducted on June 19 and 25, 1997, by Mr. Steven P. Ashe, REA with NWE. At the time of the site inspection, the subject Property consisted of an approximate 35 acre parcel of land by a two-story, multi-tenant shopping complex, a four-story office building, a police station, a gas station, and three free-standing restaurant structures. The structures totaled approximately 650,000 square and occupied approximately 40 percent of the subject Property. The remaining 60 percent consisted of asphalt-paved parking, elevated parking areas, and driveway areas, concrete sidewalks, and landscaped areas. The structures appeared well maintained at the time of the site visit. The subject Property is located on the northeast corner of Bancroft Avenue and 73rd Avenue in a mixed residential and commercial area of Oakland, California. No pits, ponds, lagoons, swales, or wetlands were observed on the subject Property.

### B. Hazardous Materials Handling, Storage and Disposal

During the on-site inspection, significant amounts of hazardous materials were observed in the tenant spaces of Eastmont Auto Center, Sparkle Cleaners, and BP station. Interviews with the remaining tenants revealed the storage of small quantities of typical household. No significant staining or spillage was noted in any of the hazardous material storage areas.

Eastmont Auto Center is a tire center that does minor to moderate auto servicing. At the time of the site inspection, various grades of motor oil (150 gallons), waste oil filters, used oil (150 gallons), automotive anti-freeze (350 gallons) and solvent (25 gallons) were observed in the tenant space. According to Mr. Stan Harris, manager for Eastmont Auto Center, these materials are stored in several 55-gallon drums (used oil, filters) or in a poly container (ethylene glycol) in the work area of the tenant space. Mr. Harris stated that Material Safety Data Sheet (MSDS) information was available for the materials used on-site. However, a hazardous materials management plan was not prepared. Eastmont Auto Centers' Environmental Protection Agency's waste generator number is CAD000064339.

According to Ms. Joan Shinn, owner of Sparkle Cleaners, approximately 60 gallons of new tetrachloroethene (PCE) was used and stored at the tenant space. This material was stored in the base of the dry cleaning machine utilized at the business. Ms. Shinn stated that this dry cleaning machine is a closed loop system that was installed in approximately 1992. In addition to the new PCE, a 35-gallon drum was located in the tenant space work area, and was used to store waste PCE sludge generated by the dry cleaning operation. Sparkle Cleaners' Environmental Protection Agency's waste generator number is CAD000048547.

The BP station maintained four USTs as a function of their business. These USTs: a 12,000-gallon unleaded UST, a 10,000-gallon unleaded plus UST, a 6,000-gallon UST, and a 6,000-gallon UST, were located near the eastern portion of the BP station parcel. In addition to these petroleum products, a small amount of automotive related chemicals (e.g., new oil) was observed at the site.

## B.1. Wastestream Processing and Disposal

According to Mr. Stan Harris, manager for Eastmont Auto Center, used oil filters and used oil are collected in five, 55 gallon drums stored in the work area of the tenant space. Waste ethylene glycol is stored in an approximately 400-gallon aboveground storage container located in the work area. The used oil, used oil filters and associated automotive chemicals are picked up for recycling by Ashburn Environmental Services (AES) of Oakland, California on an "as needed" basis (AES's Environmental Protection Agency's waste generator number is CAD028277036). No secondary containment was noted underneath these drums. During the inspection, no stained or discolored sinks, drains, catch basins, or drip pads were observed. However, the floor of the work area was moderately stained. In addition, surface staining was observed in the vicinity of the former oil/water separator located adjoining the tenant space.

Waste PCE generated at Sparkle Cleaners was disposed of by Technichem, Incorporated of Emeryville, California. Approximately 15 gallons of waste material is disposed of each 6 months. No surface staining was observed in the general vicinity of this dry cleaning unit or waste storage containers. No secondary containment was observed underneath the was containers.

An unlabeled, rusted 55-gallon drum containing an unidentified oily liquid was located outside the northwestern corner of the J.C. Penney tenant space. No information regarding the contents or origin of this drum was found. At the time of the site inspection, the soil surface underneath this drum was no stained.

## B.2. Waste Water and Storm Water Discharges

Waste water at the site is limited to effluent from the shopping center tenant space restroom drains and kitchen areas. This material flows into the city operated sewer system. Storm water from the subject Property flows into 18 surface drains located throughout the subject Property. At the time of the site inspection, several surface drains observed on the subject Property had oily or paint staining around their perimeters or interiors.

During the site visit, a two-stage oil/water clarifier was observed adjoining the Eastmont Auto Service tenant space. The clarifier had apparently been installed during construction of the subject structure in the late 1960s. According to file information reviewed at the Alameda County Department of Environmental Health, this clarifier is unused and sealed. However, no information regarding the possible permitting or operation of this clarifier was found in the file.

Typically, influent to the clarifier is primarily from the auto service and auto detail area floor drains. The drains in the Eastmont Auto Service are identified as sealed. According to Mr. Stan Harris, manager at the Eastmont Auto Service, he is unaware of any problems associated with the feature. Clarifiers can present an increased level of environmental concern due to the significant potential for leakage from the unit and/or piping. A subsurface investigation in the vicinity of the clarifier would be the only method for determining whether the clarifier has leaked.

## B.3. Local/State Waste Disposal Compliance

At the time of the site visit, the subject Property appeared to comply with local and state waste disposal regulations.



## C. Storage Tanks

### C.1. Aboveground Storage Tanks (ASTs)

No visual or physical evidence of USTs was discovered during the site investigation.

### C.2. Underground Storage Tanks (USTs)

Four USTs ranging in size from 6,000 to 10,000 gallons were currently located at the BP station portion of the subject Property. These petroleum and diesel USTs were single-walled USTs installed in 1981. An automatic tank gauging system and Statistical Inventory Reconciliation (SIR) are performed on these USTs to monitor for potential leakage. In addition, tank tightness testing is conducted yearly on these USTs, and have been tested tight.

Two USTs have also been removed from the subject Property. Eastmont Auto Center operated a 500-gallon waste oil tank immediately east of the tenant space. At the time of the site inspection, an asphalt patched area was evidence of this UST. According to Alameda County Department of Environmental Health, this tank was removed in December 1995, and concluded that "no further action is required" at the site and granted case closure status.

USTs were also removed at the Firestone Tire Center (currently the Police station) between 1985 and 1991 after groundwater contamination was discovered at the site. In 1991, additional sampling concluded that the contaminant levels had been significantly reduced. In February 1993, Alameda County Department of Environmental Health concluded that "no further action is required" at the site and granted case closure status.

## D. Indications of PCBs

### D.1. PCB-Containing Exterior Electrical Transformers

At the time of the site inspection, three pad-mounted electrical transformers were observed on the subject Property. These transformers were located near the Taco Bell restaurant, near the Burger King restaurant, and near the former J.C. Penney retail store. These transformers appeared to be in good condition, showing no signs of damage or past leakage. Based on visible labeling, these transformers were owned by Pacific Gas & Electric Company (PG&E). According to information supplied by PG&E, all pad-mounted electrical transformers are non-polychlorinated biphenyl (PCB) containing. Regardless of the PCB content, PG&E has stated that any damage associated with these transformers is the responsibility of PG&E.

### D.2. PCB-Containing Fluorescent Light Fixture Ballasts

Based upon the age of the subject structures observed on the subject Property, it is possible that the ballasts inside the light fixtures contained PCBs. If these ballasts are found to be leaking, require replacement, or are subject to disposal, it would be prudent to identify their chemical content.

## **D.3. PCB-Containing Interior Capacitors, Equipment, or Electrical Transformers**

Six electrical transformers were located in locked exterior storage areas of the mall structure. Based on visible exterior labeling, these transformers were also owned by PG&E. According to information supplied by PG&E, all pad-mounted electrical transformers are non-PCB containing.

Ten hydraulic automotive lifts were observed at Eastmont Auto Service tenant space. These lifts typically consists of a reservoir that contains a small amount of hydraulic fluid, that in some instances, may contained PCBs. According to Stan Harris, manager at Eastmont Auto Service, no problems or leakage are known regarding these lifts. No information was found regarding the operation of these lifts.

Hydraulic lifts were also observed at the police station. The mechanical portion of these lifts were easily viewed in the basement of the structure, and appeared in good condition showing no signs of leakage.

During the on-site inspection, no other evidence was observed of items that could possibly contain PCB-contaminated fluid.

## **E. Solid Waste Disposal**

During the site inspection, approximately ten standard municipal waste dumpsters were observed at the subject Property. These dumpsters are located in exterior storage areas of the main mall structure and at the free-standing restaurant structures. The dumpsters were covered, metal roll-away units, and according to the stenciled nameplates, owned and maintained by Waste Management. In addition to these dumpsters, several larger 30-cubic yard waste containers were observed on the subject Property.

At the time of the inspection, the dumpsters appeared to be in good condition with no obvious signs of improper spillage or leakage. An interior inspection was performed on the dumpsters to look for signs of improper chemical or liquid waste staining; however, no improper staining was observed. In addition, the ground surface around the dumpsters appeared to be free of significant staining.

## **F. Physical Setting Source**

The subject Property's physical location was researched employing the current United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map section relevant to the subject Property. The USGS 7.5 Minute Quad Map has an approximate scale of 1 inch to 2,000 feet, and shows physical features such as wetlands, water bodies, roadways, mines, and buildings.

The physical and natural features illustrated on the Quad Map served as areas of visual emphasis, when conducting the on-site inspection of the subject Property. The USGS 7.5 Minute Quad Map was used as the only Standard Physical Setting Source, and is sufficient as a single reference. A copy is included in the appendix.

The Oakland East Quad Map (dated 1959 photorevised 1980) shows no physical features that may environmentally impact the subject Property. The following are identified from this Quad Map: the present day retail complex and free-standing structures are visible on the subject

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Property; all adjoining properties are identified as urban developed; the Markham School is approximately 500 feet southeast; the Evergreen Cemetery is approximately 600 feet north; the Arroyo Viejo Creek is approximately 1/4 mile south; Mills College is approximately 1/2 mile north; the Upper San Leandro Filtration Plant is approximately 3/4 mile east; the Western Pacific Railroad right-of-way is located approximately 1 1/2 miles west; the San Francisco Bay is approximately 2 miles west. No wetlands, mines, aboveground storage tanks, or wells were noted in the immediate area of the subject Property. The elevation of the subject Property is approximately 80 feet above mean sea level with a topographic gradient to the west.

## **F.1. Soil Conditions**

The soil underlying the subject Property is known as:

Urban land-Clear Lake complex - This complex consist of Urban land and Clear Lake clay on basin rims. Urban land consists of areas that are covered by buildings and other related urban structures. The soil material has been altered or mixed during urban development. The Clear Lake soil is very deep and poorly drained. It formed in alluvium that derived mainly from sedimentary rock. Typically, the surface layer is very dark gray, neutral and moderately alkaline clay about 37 inches thick. The underlying material is calcareous, dark gray and grayish brown clay and silty clay to a depth of 60 inches or more. Permeability is slow, runoff is slow.

The southern portion of the subject Property also consists of Tierra soils. This soil is very deep and moderately well drained. It formed in weakly consolidated old alluvium. Typically, the surface layer is grayish brown, slightly acid loam about 11 inches thick. The subsurface layer is gray, slightly acid loam about 1 inch thick. The subsoil extends to a depth of 32 inches. It is very dark grayish brown, grayish brown, and brown, neutral clay. The substratum is variegated yellowish brown and brown, neutral sandy clay loam and extends to a depth of 60 inches deep.

Source: Soil Survey of Alameda County, California, Western Part. United States Department of Agriculture, Soil Conservation Service (USDA/SCS), 1989.

It should be noted that the characterization previously described is extrapolated from available regional soil data. In actuality, the subsurface of the subject Property has likely been modified by cuts and fills for building foundations and underground utilities.

## **F.2. Geologic Conditions**

The Oakland area is considered to fall within the geographic boundaries of the San Francisco Bay Plain, part of a large, northwest-southeast trending trough paralleling the junction of the North American and Pacific crustal tectonic plates. This situation is bounded locally to the west by San Francisco Bay, and by the Inner Coastal Range to the east. The subsurface features of the area are related to geologic events that shaped the nearby ridges and deposited erosional sediments in the valleys.

## F.3. Groundwater Conditions

According to the November 17, 1995, *Quarterly Groundwater Monitoring Report* prepared by Allwest Environmental Consultants for Mr. Bob Bridwell of the Eastmont Town Center LLC, the depth to groundwater underneath the subject Property is approximately 40 feet below ground surface. In addition, this report identified the general direction of groundwater flow to be towards the west.

## G. Other Conditions of Potential Concern

### G.1. Suspect Asbestos-Containing Building Materials (ACMs) Observations

As part of the 1992 *Level One Environmental Site Assessment* for the Eastmont Shopping Center performed by Certified/Earth Metrics, a limited asbestos survey was conducted. This survey identified eight types of suspect asbestos-containing building materials. These materials included spray-on ceiling materials, 12x12 inch vinyl floor tiles, 9x9 inch vinyl floor tiles, thermal system insulation (TSI), spray-on fireproofing on ducting, acoustical ceiling tiles, and vinyl sheeting. Certified/Earth Metrics identified damaged suspect ACMs including, but not limited to: TSI in the elevator of Building C; 12x12 inch floor tile in the bathroom of the Eastmont Coffee Shop, on the third floor of the J.C. Penney store, in the rear storage area of the 99¢ Plus store; linoleum floor sheeting in the restroom of the Fish & Chips restaurant; spray-on ceiling material in the Cybelle's Pizza Restaurant. This report stated that samples of these materials, with exception of the spray-on ceiling material, were collected and analyzed of their asbestos content. However, the NWE Assessor nor the Key Site Manager could locate these results.

The Certified/Earth Metrics also referred to work performed at the J.C. Penney tenant spaces by Hillman Environmental Company (Hillman). The Hillman work included bulk sample collection and air sampling. In the Hillman report, several ACMs were observed that were damaged and/or friable and recommended an Operations and Maintenance program be implemented. NWE was not supplied with this report. Hillman also conducted air sampling in the J.C. Penneys building to detect the potential of airborne asbestos samples. According to this report, airborne asbestos was not a problem.

During on-site observations these suspect ACMs were identified. In addition the NWE Assessor observed the following suspect ACMs, including, but not necessarily limited to: glued ceiling tile, sheetrock and sheetrock joint compound, and roofing materials. As defined in NESHAPS §61.141, the observed materials may be classified as suspect regulated ACMs. The NWE Assessor collected thirty-four bulk samples of suspect ACMs. Laboratory analysis of samples of these suspect materials identified the following ACMs: floor tile and mastic in tenant space 30 [vacant]; sheetrock and sheetrock joint compound in the former J.C. Penneys tenant space and the emergency hallway adjoining the J.C. Penneys tenant space; linoleum floor sheeting and 9x9 inch floor tile in tenant space 74 [vacant]; spray-on ceiling texture throughout the main mall corridor; 12x12 inch floor tile and mastic in tenant space 81 [vacant]; ; 12x12 inch floor tile in 3<sup>rd</sup> and 4<sup>th</sup> floor hallways of the four-floor office building; and 9x9 inch floor tile in the lobby of Eastmont Auto Service.

The roofing materials were not sampled due to potentially damaging the roofing material integrity. A separate asbestos survey documenting the sample location and material descriptions has been prepared by NWE and will be provided to Fremont Investment & Loan subsequent to this Report.

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Prior to any demolition, renovation, or any other activity that may disturb the identified ACMs, a California licensed asbestos abatement contractor should be contacted to properly removed these materials.

## **G.2. Air Quality: Indoor and Visible Emissions**

No unusual smells, noxious odors, or visual emissions were observed during the inspection of the subject Property.

## **G.3. Radon**

According to the ERIIS report for the subject Property, the site has a Radon Zone Level of 2, which has a predicted average indoor screening level between 2.0 pCi/l and 4.0 pCi/l. This level is below the EPA action level of 4.0 pCi/l.

The subject Property exhibits a low potential for radon contamination, based upon the building construction and the subsurface characteristics of the area.

## **G.4. Railroad Right-of-Way**

No railroad right-of-ways were currently identified on the subject Property. However, historical research identified that an extensive rail system occupied the southern and central portions of the subject Property from approximately 1919 until 1964. This rail system operated as a function of the Chevrolet body plant formerly located on the subject Property. No information was found regarding the maintenance of this rail system.

## **G.5. Underground pipelines**

No evidence of underground pipelines on the subject Property was revealed during this Assessment.

## **G.6. Wetlands**

Wetlands are lands where saturation with water is the dominant factor determining the nature of soil development and the types of plants and animal communities living in the soil and on its surface. Wetlands can be further defined through classification. In California, wetlands are commonly classified according to the length of time that an area is inundated or saturated by water, and the type of plants and animals an area supports. There are five major wetland classifications: marine, estuarine, lacustrine, riverine, and palustrine. Marine and estuarine wetlands are associated with the ocean and include coastal wetlands, such as tidal marshes. Lacustrine wetlands are associated with lakes, while riverine wetlands are found along rivers and streams. Palustrine wetlands may be isolated or connected wet areas and include marshes, swamps, vernal pools, and bogs.

At the time of the site inspection, no visual or physical indicators of wetlands were observed on the subject Property.

## V. RECORDS REVIEW

### A. Standard Environmental Records Sources

#### A.1. Review of Federally Reported Environmental Data

This review of the existing compilation of the federal environmental database attempts to identify environment problem sites, activities, and occurrences from the records and reports of the U.S. Environmental Protection Agency (US EPA). A detailed listing and a map showing all sites are included in the appendix.

#### National Priorities List (NPL) of Superfund Sites:

The NPL is the EPA's database of hazardous waste sites currently identified and targeted for priority cleanup action under the Superfund program. A search of the 1997 National Priorities List identified no Superfund sites within 1.0 mile of the subject Property.

#### Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980:

Mandated as part of the 1980 Superfund Act, the CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) list is an EPA compilation of the sites investigated, or currently being investigated for a release or potential release of a regulated hazardous substance under the CERCLA regulations. A search of the 1997 CERCLIS database identified no sites within 1.0 mile of the subject Property.

#### Emergency Response Notification System (ERNS):

The ERNS database is the historical record of all reported releases of oil and other hazardous substances. A search of the 1997 ERNS database identified no sites within 0.25 mile of the subject Property.

#### Resource Conservation and Recovery Act (RCRA) Facilities:

The RCRA program identifies and tracks hazardous waste from generation source to the point of ultimate disposal. The RCRA facilities database is the composite of reporting facilities that generate, store, transport, treat, or dispose of controlled or hazardous waste. Identification on this list does not indicate that a site has impacted the environment. A search of the 1996 RCRA facilities database identified two (2) sites within the subject Property's database search range of 0.25 mile for generators and 1.0 mile for treatment, storage or disposal facilities. These sites are located at:

<u>NAME</u>	<u>ADDRESS</u>	<u>APPROXIMATE DISTANCE/DIRECTION</u>	<u>STATUS</u>
Tasco Northwest Co.	7210 Bancroft Avenue	subject Property	Small Quant. Gnrator
Frick Junior High School	2845 64th Avenue	0.45 miles/northwest	Small Quant. Gnrator

It is unlikely that these sites have environmentally impacted the subject Property due to their observed handling of materials, their distance from the subject Property, and/or since identification on this list does not indicate that a site has impacted the environment.

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## A.2. Review of California Reported Environmental Data

Results of the California regulatory records search follow. Each section begins with a description of the database searched and the state agency that compiles it. A detailed listing and a map showing all sites are included in the appendix.

### CalSites Database:

CalSites (also known as Hazardous Waste Sites [HWS]) combines the former ASPIS (Abandoned Sites Program Information System), Annual Work Plan (AWP), and BEP (State Superfund List) hazardous waste site databases. A search of the 1996 CAL-SITES database identified no sites within 1.0 mile of the subject Property.

### Cortese Database:

The Cortese list contains hazardous waste and substance sites compiled pursuant to Assembly Bill 3750 (Cortese, Chapter 1048, Statutes of 1986). The information included in this list comes from the State Department of Health Services (public drinking water wells with detectable levels of contamination; hazardous substance sites selected for remedial action; and sites with known toxic material identified through the abandoned site assessment program), the State Water Resource Control Board (sites with known USTs having a reportable release), and the California Waste Management Board (solid waste disposal facilities from which there is a known migration). A search of the 1990 Cortese database identified no sites within 1.0 mile of the subject Property.

### California Hazardous Waste Information System (HWIS):

The California Hazardous Waste Information System, also known as HAZNT, contains summary information pertaining to facilities that are required to report their hazardous waste activities with the California EPA under a waiver of the Resources Conservation and Recovery Act (RCRA). This 1996 database identified ten (10) reported sites within 0.25 mile of the subject Property. The nearest five sites are located at:

<u>NAME</u>	<u>ADDRESS</u>	<u>APPROXIMATE DISTANCE/DIRECTION</u>	<u>DESCRIPTION</u>
Bayside Mortgage and Loan	1 Eastmont Mall	subject Property	Empty containers
Thrifty #6796	7100 Bancroft Avenue	subject Property	PCBs
Tosco Northwest Co	7210 Bancroft Avenue	subject Property	Aqueous solution
Eastmont Auto Service	7250 Bancroft Avenue	subject Property	Unspecified mixture
			Aqueous solution
Foothill Auto Service	6821 Foothill Boulevard	0.1 miles/northwest	Unspecified mixture

It is unlikely that these sites have environmentally impacted the subject Property due to their distance from the subject Property, gradient location, current conditions, and regulatory status. No information was found regarding the PCB issue on the Thrifty site.

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## Department of Toxic Substances Control:

The NWE Assessor contacted the California Environmental Protection Agency - Department of Toxic Substances Control in an effort to determine whether hazardous material incidents have been reported at the subject Property address. According to Ms. Lule Varela, public Records coordinator, no hazardous material incidents are reported for the subject Property address.

## Leaking Underground Storage Tanks (LUSTs):

The California Water Quality Control Board, in cooperation with the Office of Emergency Services, maintains an inventory of LUSTs in a statewide database. This 1996 database identified eleven (11) reported leaking tank sites within 0.5 mile of the subject Property, including five (5) as the subject Property. The subject Property listings and the nearest three sites are as follows:

<u>NAME</u>	<u>ADDRESS</u>	<u>APPROXIMATE DISTANCE/DIRECTION</u>	<u>STATUS</u>
Eastmont Mall	1 Eastmont Mall	subject Property	PSA
Eastmont Mall JC Penny	1 Eastmont Mall	subject Property	Closed
Eastmont Mall Norwitt Prop	1 Eastmont Mall	subject Property	PSA
Oakland Fire Station #23	7100 Foothill Boulevard	0.08 miles/northeast	Closed
BP	7210 Bancroft Avenue	subject Property	PSA
Firestone	2701 73rd Avenue	subject Property	Closed
Better Homes Realty	6821 Foothill Boulevard	0.17 miles/northwest	Closed
Cecil Reeves	6436 Foothill Boulevard	0.43 miles/northwest	Closed

PSA = Preliminary Site Assessment Workplan Submitted

Closed = site has received closure by local agency requiring no further action

With the exception of the Eastmont Mall property and the BP station, it is unlikely that these off-site locations or remaining sites have environmentally impacted the subject Property due to their distance from the subject Property, regulatory status, and groundwater flow direction. For information regarding the LUST issues on the subject Property, refer to the Synopsis of Previous Investigations section of this Report.

## Spills, Leaks, Investigations, and Clean-ups Report (SLIC):

The California Spills [SLIC] Report contains information pertaining to all reported spills, leaks, investigations, and clean-ups within the State of California. A search of the 1997 SLIC database identified no sites within the search range of the subject Property.

## Solid Waste Facilities/Landfill Database (SWF/LS):

Solid Waste Facilities/Landfill Database (SWF/LS) records comprise an inventory of solid waste disposal facilities or landfills. A search of the 1997 SWF/LS database identified no sites within 1.0 mile of the subject Property. This site is located at:



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## Underground Storage Tanks (USTs):

USTs are regulated under Subtitle I of the RCRA and must be registered with the California Water Resources Control Board's Underground Storage Tank Program. These are registered USTs only, and identification on this list does not indicate that the site has impacted the environment. A search of the 1994 UST database identified six (6) sites within 0.25 mile of the subject Property including three (3) as the subject Property. These sites are listed below:

<u>NAME</u>	<u>ADDRESS</u>	<u>APPROXIMATE DISTANCE/DIRECTION</u>	<u>STATUS</u>
BP	7210 Bancroft Avenue	subject Property	Active
Firestone	2701 73rd Avenue	subject Property	Removed
Firestone	2701 73rd Avenue	subject Property	Removed
Chevron	7225 Bancroft Avenue	0.13 miles/southwest	Active
Stop N Go Market	7701 Bancroft Avenue	0.29 miles/southeast	Active
Foothill Shell	6600 Foothill Boulevard	0.32 miles/northwest	Active

Based upon the distance, estimated groundwater flow direction, and regulatory status of these sites, they are unlikely to have environmentally impacted the subject Property.

### A.3. County/Local Agency Records Search

Following is a discussion of records searches performed at local government agencies or personal/telephone contacts made which provide information relevant to the subject Property.

#### Alameda County Department of Environmental Health (ACDEH):

The NWE Assessor contacted the ACDEH in an effort to determine whether hazardous material incidents have been reported at the subject Property address. According to Ms. Juliette Blake, environmental specialist with the ACDEH, with the exception of the known environmental issues previously identified, no hazardous material incidents nor USTs had been reported at the subject Property.

#### Oakland Fire Department:

The NWE Assessor contacted the duty officer at the Oakland Fire Department #23 in an effort to determine whether hazardous material incidents have been reported at the subject Property site. With the exception of the identified USTs on the subject Property, no hazardous material incidents are known been reported at the subject Property.

## B. Synopsis Of Previous Environmental Investigations

Several environmental reports and documents have been prepared by for the subject Property. The following is a short description of these documents, and a synopsis of each.

In 1989, Hunter Environmental Services, Incorporated conducted a Phase II Environmental Audit for the subject Property. During this audit, three groundwater monitoring wells were developed at the site. One well was advanced near the Sparkle Cleaners tenant (MW-2), one located near the BP gas station (MW-3), and one near the Police Station (MW-4). Petroleum constituent contamination was discovered in groundwater in wells MW-3 and MW-4. Constituents of dry cleaning solvent were also identified in MW-2. This report was not reviewed by NWE; however, was summarized in the following reports.

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Environmental Science & Engineering, Incorporated re-sampled these wells in September 1990, and revealed similar sample results. This report was not reviewed by NWE; however, was summarized in the following reports.

In 1990, Dames & Moore was retained to conduct a subsurface investigation at the Firestone Tire center (current location of the Police station). Their investigation included the installation of two additional monitoring wells adjoining the former underground storage tanks. Sample analysis indicated minor amounts of contamination, and were later re-sampled to reveal that none of the groundwater samples contained petroleum contamination above laboratory detection limits. This report was not reviewed by NWE; however, was summarized in the following reports.

In early 1992, Hydro-Environmental Technologies, Incorporated conducted subsurface investigations at the BP station site. Four more groundwater monitoring wells were installed in the vicinity of the gas station, and soil and groundwater samples were collected. At this time, only low concentrations of benzene were found.

In October 1992, Certified/Earth Metrics conducted a *Level One Environmental Site Assessment* for the Eastmont Shopping Center. This report, prepared for The Pacific Bank, summarized the past work conducted at the site, and reviewed the subsurface work performed at the BP Station. This review of available information revealed maximum concentrations of 42,000 parts per billion (ppb) total petroleum hydrocarbons, 3,200 ppb benzene, 3,600 ppb toluene, and other petroleum related constituents were found. Potential asbestos-containing materials were also identified during this assessment. As part of this assessment, Certified/Earth Metrics identified that nine samples of the suspect materials were collected; however, results of this sampling were not found. Air sampling was conducted by Certified/Earth Metrics at this time in the former J.C. Penny store, and did not identify elevated levels of airborne asbestos.

The Certified/Earth Metrics also referred to work performed at the J.C. Penney tenant spaces by Hillman Environmental Company (Hillman). The Hillman work included bulk sample collection and air sampling. In the Hillman report, several ACMs were observed that were damaged and/or friable and recommended an Operations and Maintenance program be implemented. NWE was not supplied with this report. Hillman also conducted air sampling in the J.C. Penneys building to detect the potential of airborne asbestos samples. According to this report, airborne asbestos was not a problem.

Five additional monitoring wells were installed on the subject Property in October 1993 by Artesian Environmental Consultants (Artesian). These wells (identified as MW-5 through MW-9) were installed around the perimeter of the mall structure, and were sampled for hydrocarbons (diesel and gasoline) and purgeable halocarbon compounds (e.g., dry cleaning compounds). It appears that these wells were installed to determine the potential environmental impact from the former Chevrolet Body Plant on the subject Property. As noted on historical Sanborn Maps (located in the Historical Use section of this Report), several underground storage tanks in addition to general industrial practices were used at this plant. Chemical analysis of soil and groundwater samples collected from these monitoring wells indicated levels below reporting limits. Artesian recommended monitoring of this site for a minimum of one year.

This report also identified that an abandoned industrial well was located on the subject Property, in the approximate area of IGA store. A note on the figure developed by Artesian indicated that the well is, or was, perforated between 90 and 393 feet below ground surface.

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Artesian was later contracted to collect and analyze groundwater samples from monitoring wells MW-3 through MW-9. This sampling, conducted in December 1993, analyzed for petroleum hydrocarbons and purgeable halocarbons. Results identified both in MW-3 (adjoining the BP Station) up to 13,000 ppb total petroleum hydrocarbons as gasoline (TPH-g) and 24 ppb 1,2-dichloroethane; in MW-6 (down-gradient from the dry cleaners) 73 ppb TPH-g; and in MW-7 (immediately north of the theater portion of the mall complex) for 78 ppb TPH-g. The remaining monitoring wells revealed no detachable levels of any of the contaminants tested. As a note, it is NWE's opinion that it is unusual for purgeable halocarbons used as 1,2-dichloroethane and others in the vicinity of the BP station as you would not expect to find such materials associated with a gas station.

In July 1994, Allwest Environmental, Incorporated (Allwest) was contracted to perform an environmental assessment review of the four principal documents prepared for the subject Property.

In February 1995, a closure letter was issued for the former Firestone center (currently the Oakland police station) by the Alameda County Department of Environmental Health.

In November 1995, AllWest conducted a subsurface investigation report for the subject Property. The purpose of this investigation was to evaluate potential soil contamination in the vicinity of the Sparkle Cleaners tenant. Soil samples were collected and analyzed for halogenated compounds. According to Allwest's results, no halogenated compounds were detected in any of the samples tested.

Also in November 1995, Allwest conducted a quarterly groundwater monitoring report for the Eastmont Mall. This investigation collected and analyzed groundwater samples from monitoring wells MW-5 through MW-9 located on the subject Property, and analyzed for petroleum hydrocarbons and purgeable halocarbons. This sampling only identified Trichloroethene (TCE) in monitoring well MW-6. The TCE concentration in this well was identified as 1.4 ppb, below the state of California's Maximum Contaminant Level of 5 ppb. No detectable levels for petroleum hydrocarbons and purgeable halocarbons were found.

Extensive groundwater monitoring has been conducted at the BP station since it was identified as a LUST site. The February 6, 1997, *Groundwater Monitoring and Sampling Report* prepared by Alisto Engineering Group summarizes the work that has been done. Relatively high amounts of petroleum still remain the soils and groundwater underneath the station site as evident by free-staining petroleum product identified in an on-site monitoring well (MW-2). Monitoring wells located on the BP station site have detected petroleum contaminants in varying amounts, with the highest levels detected in the vicinity of the new and former USTs. Petroleum contaminated groundwater has also been detected in monitoring wells located northwest of the BP station property, located on the subject Property. MTBE, a key ingredient in new "cleaner" gasoline formations, has been detected in monitoring well MW-6. In addition, other petroleum constituents have been detected in this monitoring well. Quarterly monitoring of the site will be required until these levels decrease.

The Alameda County Health - Department of Environmental Health has been the oversight agency for the BP station site and has stated that increasing contaminant levels in monitoring wells at the site may be the result of an on-going leak at the site. Alameda County has requested from BP information regarding the upgrading or replacement of the USTs and associated piping located at the site.

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In 1996, Allwest conducted three quarters of groundwater monitoring on the subject Property in accordance with an Alameda county approved workplan for site closure. The scope of Allwest's services included sampling of the five groundwater monitoring wells (MW-5 through MW-9). As indicated by laboratory results from these three reports, TPH-g, benzene, toluene, ethylbenzene, and xylenes, and purgeable halocarbons were not detected in the groundwater samples. No other

## VI. HISTORICAL USE INFORMATION

Standard Historical Sources are categorized as either Fifty-Year Complete or Developmental Complete. A Standard Historical Source is considered Fifty-Year Complete if the information contained within the source provides the required information for the previous 50 years in either five year intervals or site milestone events. A Standard Historical Source is considered Developmental Complete if the information contained within the source provides information from the point that the subject Property was initially developed (other than agricultural use) continuously to the present in either five year intervals or site milestone events.

Historical Site Milestones are typically: construction activities that involve structure construction, renovation, or remodeling at any location within the subject Property; major changes in the topography or grade of the site; installation or construction of roads, utilities, water or sewer systems; installation, removal, or modification of permanent equipment; or installation, removal, or modification of above or below ground tanks.

From a review of historical information, it can be concluded that the subject Property was initially structurally developed in approximately 1919 with an automotive body plant. This industrial plant occupied the majority of the southern portion of the subject Property, while a park occupied the northern corner. In approximately 1964, the automotive plant was demolished. The central core of the present day retail center was constructed in approximately 1968, with the remainder of the complex and associated free-standing structures being constructed by 1974. The majority of the neighboring properties were structurally developed as early as the 1930s with residential structures. The neighboring properties have been increasingly redeveloped with commercial structures since the 1970s.

### A. Fifty-Year Complete Standard Historical Source

Aerial photographs were reviewed to determine past land use patterns of the subject Property back to 1937 to satisfy the Fifty-Year Complete Standard Historical Search. These photographs were reviewed at the University of California at Berkeley, Giannini Library, located in Berkeley, California. That review revealed the following:

1938: The subject Property is developed with a large industrial facility. Railroad activity is visible on the southern portion of the subject Property. Rectangular warehouse-type structures along side railroad spurs are observed on the subject Property. A parking area is located on the western portion of the subject Property. The northeastern portion of the subject Property is undeveloped. Residential structures are visible on all adjoining properties.

1946: This aerial photograph is similar to the 1938 aerial photograph.

1965: This aerial photograph is similar to the 1946 aerial photograph.

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- 1978: The subject Property is developed with a large commercial building. This complex is similar to the retail center observed during the site inspection. Residential structures are visible to the east. Commercial structures and undeveloped land are visible to the north. Commercial structures and residential properties are visible to the west and south.
- 1986: The subject Property is occupied by the subject structures and asphalt parking area observed during the site visit.

## B. Developmental Complete Standard Historical Source

The NWE Assessor reviewed Sanborn Maps for the area of the subject Property. Sanborn Maps are detailed drawings which show the location and use of structures on a given property during specific years. These maps were originally utilized by insurance companies to assess fire risk, but are now utilized as a valuable source of historical and environmental risk information. Copies of these maps are included in the appendix. A review of the Sanborn Maps revealed the following:

- 1925: The western portion of the subject Property is occupied by the "Fisher Body St. Louis Oakland Plant." Large warehouse-like structures, administration buildings, parking areas, and railroad spurs were identified. Operations at the site included auto body assembly, dipping tanks, sanding and cleaning, body painting, and assemblage. An administration building is located on the northwestern portion of the subject Property. An "Oil Pump House" is identified on the northwestern portion of the subject Property. Four "in-ground" tanks are located in the approximate center of the site. The eastern portion of the subject Property is identified as "Chevrolet Park." The northern adjoining property is developed with a fire station and the Chevrolet Motor Co. Cafeteria. Residential structures are identified to the north and south. The western and eastern adjoining properties are not identified.
- 1950: The subject Property remains similar to the 1925 Sanborn Map. Additional improvements such as "Loading Sheds," a generator plant, and a "Salvage Room." The northern adjoining property is identified as a fire station and undeveloped property. Residential structures are identified to the north and south. The western and eastern adjoining properties are not identified.
- 1959: The subject Property remains similar to the 1950 Sanborn Map.
- 1960: The subject Property remains similar to the 1959 Sanborn Map.
- 1966: The former automotive plant has been completely removed from the subject property and replaced with a single-story commercial structure with an attached auto service center. This structure is flanked by a parking area. The "Oakland Public Schools" structure is located along the northern boundary of the site. The remaining portion of the subject Property appears undeveloped. Adjoining properties are not identified.
- 1968: The previously identified commercial structure has been enlarged and now includes a bank, restaurant, and mall area. A "Gas and Oil" structure is located on the southern portion of the subject Property. The Oakland Public Schools structure is no longer identified on the subject Property.

1969: The enlarged commercial structure and oil and gas station remain on the subject Property. In addition, three commercial structures [two of which are the present day Taco Bell and pizza restaurants] are visible on the western portion of the subject Property. An additional unidentified commercial structure is visible adjoining these structures. The four-story office building is identified on the western portion.

## **C. Building Permits**

Building Permit/Inspection Department - Permit Review: To determine the prior uses of the subject Property, the NWE Assessor reviewed permit information at the City of Oakland - Office of Planning and Building for the subject Property address range. Microfiche files at this agency indicated that the subject Property was developed with a retail shopping complex in the late 1960s. No information was found regarding the auto plant or other tenants on the subject Property prior to the retail complex.

## **D. City Street Directories:**

The NWE Assessor attempted to review city street directories at the City of Oakland Public Library in Oakland, California, to determine the prior uses and occupancies of the subject Property. City street directories list property occupants by address, allowing an historical search of tenants on the subject Property. However, city directories were not available for the subject Property.

## **E. Interviews**

According to the Key Site Manager and Ms. Diane Clark, assistant general manager at the subject Property, the Eastmont Town Center complex was constructed in the late 1960s. Prior to this complex, both were aware of the former automotive plant. Both were unaware of any clandestine dumpings of hazardous materials on the subject Property.

## **F. Recorded Land Title Records**

Recorded land titles are records usually maintained by the municipal clerk or county recorder of deeds which detail ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against the subject Property in the local jurisdiction having control for or reporting responsibility to the subject Property. Due to state land trust regulations and laws, land title records will often only provide trust names, bank trust numbers, owner's names, or easement holders, and not information concerning previous uses or occupants of the subject Property.

For these reasons, this Environmental Site Assessment has relied upon other standard historical information sources assumed to be either more accurate or informative than recorded land titles.

## VII. CONCLUSIONS

NWE has performed a Phase I Environmental Site Assessment on the site located at Eastmont Town Center in Oakland, California. This Phase I Environmental Site Assessment was performed in accordance with ASTM E1527-94 and the scope of services identified in the *Consulting Master Services Agreement*, dated April 24, 1997, between Fremont Investment & Loan and NWE. This assessment has identified the following environmental issues in connection with the subject Property:

- Historical research identified that the western portion of the subject Property was formerly occupied by the Fisher Body St. Louis Oakland Plant. This plant operated at the site from approximately 1919 until 1964. Historically, petroleum contaminated groundwater has been detected underneath the mall portion of the subject Property. However, recent groundwater monitoring has not detected petroleum or purgable halocarbons in groundwater samples collected underneath the former footprint of the plant. After review of available documents, it appears that the Alameda County Department of Environmental Health will likely issue case closure for the site with the exclusion of the BP station portion. However, no closure letter has yet been issued.
- Soil and groundwater contamination has been identified at the BP Station since 1992. Monitoring wells located on the BP station site have detected petroleum contaminants in varying amounts, with the highest levels detected in the vicinity of the new and former USTs. Petroleum contaminated groundwater has also been detected in monitoring wells located northwest of the BP station property, located on the mall portion of the subject Property.
- A limited asbestos sampling survey conducted by NWE of the subject Property's building materials identified the following asbestos-containing materials (ACMs): floor tile and mastic, sheetrock and sheetrock joint, linoleum floor sheeting, 9x9 inch floor, spray-on ceiling texture [throughout the main mall corridor], and 12x12 inch floor tile and mastic. In addition, previous environmental investigations have identified that the sprayed-on deck fireproofing in the former J.C. Penney tenant space, cementitious piping in the police station and cooling tower slats in the penthouse above the J.C. Penney tenant space. This limited inspection cannot be construed as a sufficient pre-renovation/demolition asbestos inspection. In order to use this information for such an activity, additional collection and analysis of suspect building materials identified as non-ACM must be conducted.
- An abandoned industrial well was noted on the subject Property in an October 1993 report prepared by Artesian Environmental Consultants. This report identified that this well was located in the approximate area of IGA store. This well should be located and properly destroyed to eliminate a potential conduit of subsurface contamination.
- A groundwater monitoring well identified as MW-2 was formerly located west of the Sparkle Cleaners tenant space. This monitoring well has not been located since the early 1990s. This well should be located and properly destroyed to eliminate a potential conduit of subsurface contamination.

(continued on the next page)

# DRAFT

- An abandoned oil/water clarifier was observed in the vicinity of the Eastmont Auto Service tenant space. Several oily surface stains leading into this surface feature were observed at the site if the site inspection. No records of the clean-out of the clarifier were discovered during this investigation.
- An unlabeled, rusted 55-gallon drum containing an unidentified oily liquid was located outside the northwestern corner of the J.C. Penney tenant space.
- Several surface drains observed on the subject Property had oily or paint staining around their perimeters or interiors.



## VIII. RECOMMENDATIONS

Based upon the physical inspection of the subject Property, a review of available historical information, review of available environmental information, and interviews with appropriate parties, NWE recommends the following actions regarding the subject Property:

- Monitor the on-going attempts regarding closure on the mall portion of the subject Property.
- Continue quarterly groundwater monitoring at the BP station.
- An asbestos management plan implemented by the building owner would facilitate in place management of the identified ACMs. The plan should include an Operations and Maintenance (O & M) Program which identifies required work practices and procedures designed to minimize or eliminate the exposure of building occupants to asbestos fibers.
- Locate groundwater monitoring well MW-2 in the vicinity of Sparkle Cleaners. This well should be property destroyed in accordance with state and local regulations.
- Locate industrial well underneath the IGA store. This well should be property destroyed in accordance with state and local regulations.
- To minimize future spills on the subject Property, secondary containment should be used underneath the waste PCE container at the Sparkle Cleaners and used oil containers at Eastmont Auto Service.
- The abandoned oil/water clarifier observed in the vicinity of the Eastmont Auto Service can present an increased level of environmental concern due to the significant potential for leakage from the clarifier unit and/or piping. A subsurface investigation in the vicinity of the clarifier would be the only method for determining whether the clarifier has leaked.
- Dispose of the 55-gallon drum containing an unidentified oily liquid according to state and local regulations.
- Discontinue disposal of any unauthorized materials (e.g., paint, used oil) into surface drains located in the subject Property.

# DRAFT

## IX. STATEMENT OF THE ENVIRONMENTAL PROFESSIONALS

### Statement of Quality Assurance

I have performed this Assessment in accordance with ASTM E1527-94 and the scope of services identified in the *Consulting Master Services Agreement*, dated April 24, 1997, between Fremont Investment & Loan and NWE. The conclusions contained within this Assessment are based upon site conditions I readily observed or were reasonably ascertainable and present at the time of the site inspection.

The conclusions and recommendations stated in this report are based upon personal observations made by employees of NWE and upon information provided by others. I have no reason to suspect or believe that the information provided is inaccurate.

Signature of NWE Senior Environmental Assessor - Steven P. Ashe, REA #03644:

DRAFT

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Signature/Environmental Assessor

### Statement of Quality Control

The objective of this Environmental Site Assessment was to ascertain the potential presence or absence of environmental releases or threatened releases that could impact the subject Property, as delineated in the scope of services identified in the *Consulting Master Services Agreement*, dated April 24, 1997, between Fremont Investment & Loan and NWE. The procedure was to perform reasonable steps in accordance with the existing regulations, currently available technology, and generally accepted engineering practices in order to accomplish the stated objective.

Signature of NWE Environmental Project Manager - Kevin F. Gallagher:

DRAFT

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Signature/Environmental Project Manager

Signature of NWE Registered Geologist - Dale van Dam:

DRAFT

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Signature/Registered Geologist

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

## Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.  
Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700

II, III

### II.A BUSINESS PLANS (Title 19)

- |                          |          |
|--------------------------|----------|
| 1. Immediate Reporting   | 2703     |
| 2. Bus. Plan Stds.       | 25503(b) |
| 3. RR Cars > 30 days     | 25503.7  |
| 4. Inventory Information | 25504(a) |
| 5. Inventory Complete    | 2730     |
| 6. Emergency Response    | 25504(b) |
| 7. Training              | 25504(c) |
| 8. Deficiency            | 25505(a) |
| 9. Modification          | 25505(b) |

### II.B ACUTELY HAZ. MAT'L'S

- |                                 |          |
|---------------------------------|----------|
| 10. Registration Form Filed     | 25533(a) |
| 11. Form Complete               | 25533(b) |
| 12. RMPP Contents               | 25534(c) |
| 13. Implement Sch. Req'd? (Y/N) |          |
| 14. OffSite Conseq. Assess.     | 25524(c) |
| 15. Probable Risk Assessment    | 25534(d) |
| 16. Persons Responsible         | 25534(g) |
| 17. Certification               | 25534(h) |
| 18. Exemption Request? (Y/N)    | 25536(b) |
| 19. Trade Secret Requested?     | 25538    |

### III. UNDERGROUND TANKS (Title 23)

- |                               |                            |             |
|-------------------------------|----------------------------|-------------|
| General                       | 1. Permit Application      | 25284 (H&S) |
|                               | 2. Pipeline Leak Detection | 25292 (H&S) |
|                               | 3. Records Maintenance     | 2712        |
|                               | 4. Release Report          | 2651        |
|                               | 5. Closure Plans           | 2670        |
| Monitoring for Existing Tanks | 6. Method                  |             |
|                               | 1) Monthly Test            |             |
|                               | 2) Daily Vadose            |             |
|                               | Semi-annual groundwater    |             |
|                               | One time soils             |             |
|                               | 3) Daily Vadose            |             |
|                               | One time soils             |             |
|                               | Annual tank test           |             |
|                               | 4) Monthly Groundwater     |             |
|                               | One time soils             |             |
|                               | 5) Daily Inventory         |             |
|                               | Annual tank testing        |             |
|                               | Cont pipe leak det         |             |
|                               | Vadose/groundwater mon.    |             |
| 6) Daily Inventory            |                            |             |
| Annual tank testing           |                            |             |
| Cont pipe leak det            |                            |             |
| 7) Weekly Tank Gauges         |                            |             |
| Annual tank test              |                            |             |
| 8) Annual Tank Testing        |                            |             |
| Daily Inventory               |                            |             |
| 9) Other                      |                            |             |
| New Tanks                     | 7. Precs Tank Test         | 2643        |
|                               | Date:                      |             |
|                               | 8. Inventory Rec.          | 2644        |
|                               | 9. Soil Testing            | 2646        |
|                               | 10. Ground Water           | 2647        |
|                               | 11. Monitor Plan           | 2632        |
|                               | 12. Access, Secure         | 2634        |
|                               | 13. Plans Submit           | 2711        |
|                               | Date:                      |             |
|                               | 14. As Built               | 2635        |
| Date:                         |                            |             |

Site ID # \_\_\_\_\_ Site Name Eastmont Mall Today's Date 2/8/96

Site Address 7250 Bancroft Av.

City Oakland Zip 94605 Phone 632-1131

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

#### Inspection Categories:

- ☐ I. Haz. Mat/Waste GENERATOR/TRANSPORTER  
☐ II. Business Plans, Acute Hazardous Materials  
☒ III. Underground Tanks

• Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

#### Comments:

The tank on record was removed Dec. 95.  
Removal was overseen by Juliette Shin of this  
office. This file is now closed.

Rev 5/88

Contact: File

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Inspector: Kevin Tinsley

Signature: [Signature]

II, III



DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

February 10, 1995

STID # 26

REMEDIAL ACTION COMPLETION CERTIFICATION

Kathleen Scheutzow  
Bridgestoen/firestone Inc.  
1200 Firestone Pkwy,  
Akron, Oh 44317

Bob Gerber, Real Est  
J.C. Penney  
p.o. Box 4015  
Buena Park, Ca - 90624

Ref: J.C. Penney Store, 1 Eastmont Mall, Oakland, CA

Dear Mr. Scheutzow and Mr. Gerber:

This letter confirms the completion of site investigation and remedial action for the five underground storage tanks at the above mentioned location.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Madhulla Logan at (510) 271-4320 if you have any questions regarding this matter.

Very truly yours,

Rafat A. Shahid  
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division  
Kevin Graves, RWQCB  
Mike Harper, SWRCB (with attachment)  
files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

StID 4034

May 1, 1996

Mr. Andrew Clark-Clough  
City of Oakland  
1333 Broadway, Suite 330  
Oakland, CA 94612

RE: Well Decommission at Oakland Fire Station #23, 7100  
Foothill Blvd, Oakland 94605

Dear Mr. Clark-Clough:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring well should be decommissioned, if it will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. They can be reached at (510) 484-2600.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu  
Hazardous Materials Specialist

cc: files



AllWest

AllWest Environmental, Inc.

Specialists in Environmental Due  
Diligence and Remedial Services

One Sutter Street, Suite 600  
San Francisco, Ca 94104  
Tel 415 391 2510  
Fax 415 391 2008

QUARTERLY GROUNDWATER  
MONITORING REPORT

*First Quarter*  
*January - March 1996*

*Eastmont Mall*  
*Oakland, California*

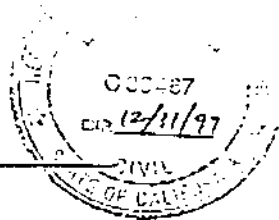
ALLWEST PROJECT 95266.28A  
March 22, 1996

PREPARED BY:

Keith B. Craig  
Project Manager

REVIEWED BY:

Long Ching, PE  
Senior Engineer





## QUARTERLY GROUNDWATER MONITORING REPORT

First Quarter 1996

*Eastmont Mall  
Oakland, California*

### I. INTRODUCTION

This report presents the results of the quarterly groundwater monitoring event performed by *AllWest Environmental* at the *Eastmont Mall* located in Oakland, California. The groundwater sampling event occurred on March 6, 1996. The groundwater monitoring was conducted in accordance with the *Alameda County* approved workplan.

The scope of *AllWest's* services include sampling of five groundwater monitoring wells (MW-5 through MW-9), measuring groundwater levels in all of the monitoring wells, forwarding the collected groundwater samples to a state certified laboratory for chemical analyses, and preparing a written report presenting the results of the groundwater sampling. This round of sampling was for the first quarter of 1996.

### II. PROJECT BACKGROUND

#### Site Location and Description

The subject property lies in the east Oakland area of Alameda County, California, in a mixed commercial and residential district (See Figures 1 and 2). The subject property is bounded by Foothill Boulevard, 73rd Avenue, and Bancroft Avenue in the Eastmont District of Oakland.

The subject property consists of a large two-story shopping mall with several smaller buildings at the site (See Figure 3), including an office complex, a police station, three fast-food restaurants, and a gasoline service station.

#### Site Background

According to available documents of previous site assessments by others, subsurface impact by petroleum hydrocarbons has been detected at the *BP Service Station* and the police station (formerly *Firestone Tire Shop*). A "site closure" has been granted to the police station site by the *San Francisco Bay Regional Water Quality Control Board (SFBRWQCB)* in 1994.

The service station site is currently being remediated by *BP* and are under the oversight of the *Alameda County Environmental Health Department (ACEHD)*.

Between 1989 and 1993, up to nine groundwater monitoring wells were installed by various environmental consultants around the mall building as part of the on-going site assessment. A well installed by *Hunter Environmental* in 1989 was located west of a dry cleaning facility (*Sparkle Cleaners*) and numbered MW-2. Low levels of PCE and TCE were detected in the groundwater sample from MW-2 during the initial sampling event.

However, MW-2 could not be located during a subsequent site assessment by *Artesian Environmental* in 1993. Consequently, *Artesian* installed a replacement well (MW-6) in the general area of MW-2. The 1993 groundwater sampling did not detect PCE or TCE in MW-6 or any of the other on-site wells. The only contaminants detected in site groundwater wells were low concentrations of gasoline, benzene, and ethylbenzene in well MW-7. The wells around the mall building had not been sampled since 1993.

In September 1995, the *ACEHD* directed the mall management to initiate a quarterly groundwater monitoring program for wells MW-5 through MW-9. The purpose was to gather sufficient groundwater quality data so that a determination for site closure can be made by the County. AllWest was retained in October 1995 to perform the quarterly monitoring and conducted the last quarterly sampling event in October 1995.

### III. GROUNDWATER SAMPLING ACTIVITIES

Sampling of the groundwater monitoring wells was conducted by *AllWest* on March 6, 1996. Field activities included the measurement of groundwater elevations and sampling of all five monitoring wells (MW-5 through MW-9). AllWest's groundwater sampling protocols were followed and are presented in Appendix A. Copies of the groundwater sampling field logs are presented in Appendix B.

The groundwater levels in wells MW-5 through MW-9 measured during this and previous monitoring events are presented in Table 1, Cumulative Groundwater Level Measurements. Groundwater flow direction during this monitoring event was calculated to be towards the northwest with an average gradient of 0.004 ft/ft.

At least three well casing volumes were purged prior to sampling each well. After purging, three 40-milliliter samples were collected from each of the five monitoring wells. No product sheen was noted in any of the wells during purging.

A Quality Assurance/Quality Control (QA/QC) sample, in the form of a duplicate sample of sample MW-8, labeled MW-10, was collected. Additionally, a trip blank provided by the laboratory was included with the sample shipment to the laboratory.



#### IV. LABORATORY TEST RESULTS

The collected groundwater samples were forwarded to a State of California certified analytical laboratory, *Global Environmental Lab, Inc. (Global Lab)*, of Fremont, California. All of the samples were analyzed for the presence of total petroleum hydrocarbons as gasoline (TPH-g) and the volatile constituents of gasoline including benzene, toluene, ethylbenzene, and xylene (BTEX). Sample MW-6 was also analyzed for Halogenated Volatile Organic Compounds (HVOCs) by EPA method 601.

No detectable concentrations of TPH-g, BTEX, or HVOCs were found in any of the samples.

A cumulative summary of analytical results for wells MW-5 through MW-9 to date are presented on Table 2. A copy of the laboratory test reports and Chain-of-Custody documents are included as Appendix C.

#### V. CONCLUSIONS AND RECOMMENDATIONS

As indicated by the laboratory test results, TPH-g, BTEX, and the HVOCs were not detected in the groundwater samples from monitoring wells MW-5 through MW-9. No other contaminants previously identified in the wells were present during this sampling event. For the past two sampling rounds, no contaminant previously identified on-site has been detected.

In accordance with the workplan, the next quarterly groundwater monitoring event should be scheduled for June 1996.

# GROUNDWATER MONITORING AND SAMPLING REPORT

BP Oil Company Service Station No. 11117  
7210 Bancroft Avenue  
Oakland, California

Project No. 10-018-05-002

February 6, 1997

## INTRODUCTION

This report presents the results and findings of the January 3, 1997 groundwater monitoring and sampling conducted by Alisto Engineering Group at BP Oil Company Service Station No. 11117, 7210 Bancroft Avenue, Oakland, California. A site vicinity map is shown on Figure 1.

## FIELD PROCEDURES

Field activities were performed in accordance with the procedures and guidelines of the Alameda County Health Care Services Agency and the California Regional Water Quality Control Board, San Francisco Bay Region.

Before purging and sampling, the groundwater level in each well was measured from a permanent mark on top of the casing to the nearest 0.01 foot using an electronic sounder. The depth to groundwater and top of casing elevation data were used to calculate the groundwater elevation in each well relative to mean sea level. The survey data and groundwater elevation measurements collected to date are presented in Table 1.

Before sample collection, each well was purged of 3 casing volumes, while recording field readings of pH, temperature, electrical conductivity, and dissolved oxygen. Groundwater samples were collected for laboratory analysis by lowering a bottom-fill, disposable bailer to just below the water level in the well. The samples were transferred from the bailer into laboratory-supplied containers. The water sampling field survey forms are presented in Appendix A.

## FREE PRODUCT MONITORING AND RECOVERY

A passive product recovery canister has been installed in Monitoring Well MW-2 to recover liquid-phase product. Product thicknesses for this and previous monitoring events are presented in Table 1. The volume of free product recovered from the wells is presented in Table 2.



## SAMPLING AND ANALYTICAL RESULTS

The results of monitoring and laboratory analysis of the groundwater samples for this and previous quarters are summarized in Table 1. The potentiometric groundwater elevations as interpreted from the results of this monitoring event are shown on Figure 2. The results of groundwater analysis are shown on Figure 3. The laboratory report and chain of custody record are presented in Appendix B.



TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING  
BP OIL COMPANY SERVICE STATION NO. 11117  
7210 BANCROFT AVENUE, OAKLAND, CALIFORNIA

ALISTO PROJECT NO. 10-013

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (feet)	DEPTH TO WATER (feet)	PRODUCT THICKNESS (feet)	GROUNDWATER ELEVATION (feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	Organic Lead (ug/l)	DO (ppm)	LAB
MW-1	01/05/92	49.81	33.16	---	16.65	57000	50000	2400	1000	1100	3100	---	ND	---	---
MW-1	01/10/92	49.81	33.16	---	16.65	---	---	---	---	---	---	---	---	---	---
MW-1	06/05/92	49.81	29.01	---	20.80	31000	---	2800	2100	800	2300	---	---	---	---
MW-1	07/24/92	49.80	29.45	---	20.35	---	---	---	---	---	---	---	---	---	---
MW-1	07/27/92	49.80	29.45	---	20.35	---	---	---	---	---	---	---	---	---	---
MW-1	09/15/92	49.80	30.53	---	19.27	---	---	---	---	---	---	---	---	---	---
QC-1 (d)	09/15/92	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	12/15/92	49.80	31.26	---	10.54	---	---	---	---	---	---	---	---	---	---
QC-1 (d)	12/15/92	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	03/15/93	49.80	24.90	---	25.00	22000	---	1500	440	510	1300	---	---	---	ANA
QC-1 (d)	03/15/93	---	---	---	---	---	---	---	---	---	---	---	---	---	ANA
MW-1	06/07/93	49.80	25.01	---	---	15000	---	1100	660	440	1400	---	---	---	ANA
QC-1 (d)	06/07/93	---	---	---	---	750	100	0.8	0.8	ND<0.5	ND<0.5	---	---	---	PAGE
MW-1	09/23/93	49.80	26.70	---	---	720	---	0.7	0.7	ND<0.5	ND<0.5	---	---	---	PAGE
MW-1	09/23/93	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	12/27/93	49.80	26.68	---	---	40000	770	4000	500	920	3000	---	---	---	PAGE
QC-1 (d)	12/27/93	---	---	---	---	27000	---	2000	400	940	2600	---	---	---	PAGE
MW-1	04/05/94	49.80	26.37	---	23.43	21000	---	1700	380	930	2400	---	---	---	PAGE
QC-1 (d)	04/05/94	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	07/22/94	49.80	26.54	---	---	20000	---	3700	1000	1000	3100	---	---	---	PAGE
MW-1	10/13/94	49.80	27.46	---	22.34	1700	---	220	2.3	2.0	3.4	---	---	---	PAGE
MW-1	01/25/95	49.80	20.96	---	28.84	1200	---	250	21	ND<0.5	3.2	---	---	---	PAGE
MW-1	04/15/95	49.80	19.59	---	30.21	1000	---	420	8	13	4	---	---	---	ATI
MW-1	07/05/95	49.80	19.61	---	30.19	5200	---	420	51	230	340	---	---	---	ATI
MW-1	10/05/95	49.80	24.40	---	25.40	320	---	4.2	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
MW-1	01/12/96	49.80	25.44	---	24.36	5900	---	1000	40	31	180	---	---	---	ATI
MW-1	04/22/96	49.80	18.02	---	31.79	370	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
MW-1	07/02/96	49.80	19.72	---	30.08	ND<50	---	ND<0.5	ND<1	ND<1	ND<1	---	---	---	SPL
MW-1	07/03/96	49.80	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	11/08/96	49.80	19.98	---	29.82	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	---	---	---	SPL
MW-1	01/03/97	49.80	19.49	---	30.31	ND<50	---	ND<0.5	ND<1.0	ND<1.0	ND<1.0	---	---	---	SPL
MW-2	01/05/92	51.07	DRY	---	DRY	---	---	---	---	---	---	---	---	---	---
MW-2	01/10/92	51.06	DRY	---	DRY	---	---	---	---	---	---	---	---	---	---
MW-2	06/05/92	51.06	30.05	---	21.01	11000	---	2000	180	490	1900	---	---	---	---
MW-2	07/24/92	51.07	30.72	---	20.35	---	---	---	---	---	---	---	---	---	---
MW-2	07/27/92	51.07	30.52	---	20.55	---	---	---	---	---	---	---	---	---	---
MW-2	09/15/92	51.07	31.56	---	19.51	75000	3200 (c)	2000	6500	2300	13000	---	---	---	ANA
MW-2	12/15/92	51.07	32.40	---	16.67	34000	1600 (c)	6200	8900	2000	7900	---	---	---	ANA
MW-2	03/15/93	51.07	26.14	---	24.93	150000	6400	12000	18000	3200	22000	---	---	---	PAGE
MW-2 (e)	06/07/93	51.07	20.38	---	24.69	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	09/23/93	51.07	31.43	---	21.08	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	12/27/93	51.07	34.07	1.07	17.80	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	04/05/94	51.07	30.44	3.30	23.11	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	07/22/94	51.07	28.51	0.80	23.16	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	10/13/94	51.07	29.33	0.70	22.27	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	01/25/95	51.07	25.55	4.25	28.71	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	04/19/95	51.07	19.78	0.12	31.38	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	07/05/95	51.07	20.88	0.09	30.26	---	---	14000	30000	3500	26000	---	---	---	ATI
MW-2 (e)	10/05/95	51.07	24.68	0.10	26.47	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	01/12/96	51.07	25.72	0.06	25.40	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	04/22/96	51.07	19.33	0.08	31.80	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	07/02/96	51.07	20.01	0.04	31.09	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	11/08/96	51.07	20.28	0.01	30.80	---	---	---	---	---	---	---	---	---	---
MW-2 (e)	01/03/97	51.07	19.87	0.02	31.22	---	---	---	---	---	---	---	---	---	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING  
BP OIL COMPANY SERVICE STATION NO. 11117  
7210 BANCROFT AVENUE, OAKLAND, CALIFORNIA

ALISTO PROJECT NO. 10-018

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (feet)	DEPTH TO WATER (feet)	PRODUCT THICKNESS (feet)	GROUNDWATER ELEVATION (feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	Organic Lead (ug/l)	DO (ppm)	LAB
MW-3	01/05/92	49.95	33.69	---	18.26	7400	4000	790	23	210	40	---	ND	---	---
MW-3	01/10/92	50.00	33.74	---	16.26	---	---	---	---	---	---	---	---	---	---
MW-3	06/05/92	50.00	29.65	---	20.35	2000	---	130	5.3	93	20	---	---	---	---
MW-3	07/24/92	49.95	30.14	---	19.81	---	---	---	---	---	---	---	---	---	---
MW-3	07/27/92	49.95	30.14	---	19.81	---	---	---	---	---	---	---	---	---	---
MW-3	09/15/92	49.95	31.07	---	18.88	450	ND<50	55	3.1	---	---	---	---	---	---
MW-3	12/15/92	49.95	31.93	---	18.02	12000	710 (c)	940	ND<50	310	7.1	---	---	ANA	---
MW-3	03/15/93	49.95	25.71	---	24.24	ND<50	80	ND<0.5	ND<0.5	ND<0.5	120	---	---	ANA	---
MW-3	06/07/93	49.95	25.80	---	24.15	150	ND<50	3.6	ND<0.5	0.9	ND<0.5	---	---	PAGE	---
MW-3	09/23/93	49.95	29.18	---	20.77	---	---	---	---	---	1.3	---	---	PAGE	---
MW-3	09/24/93	---	---	---	---	160	ND<50	8.4	ND<0.5	---	---	---	---	---	---
MW-3	12/27/93	49.95	29.25	---	20.70	9400	---	1100	48	530	120	---	---	PAGE	---
MW-3	04/05/94	49.95	26.84	---	23.11	7000	---	880	19	330	52	---	---	PAGE	---
MW-3	07/22/94	49.95	26.90	---	23.11	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.0	PAGE
MW-3	10/13/94	49.95	27.83	---	22.12	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.1	PAGE
MW-3	01/25/95	49.95	21.65	---	28.30	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	2.6	PAGE
MW-3	04/19/95	49.95	19.33	---	30.52	2400	---	170	8.0	130	27	---	---	ATI	---
MW-3	07/05/95	49.95	20.27	---	29.88	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	---	---	5.0	ATI
MW-3	10/05/95	49.95	23.73	---	26.22	2800	---	210	3.1	10	5.1	2400	---	4.4	ATI
MW-3	01/12/96	49.95	24.84	---	25.11	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	---	4.2	ATI
MW-3	04/22/96	49.95	18.60	---	31.35	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.1	ATI
MW-3	07/02/96	49.95	18.88	---	31.07	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.4	SPL
MW-3	11/08/96	49.95	18.14	---	30.81	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.2	SPL
MW-3	01/03/97	49.95	18.72	---	31.23	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	4.4	SPL
MW-4	07/24/92	50.76	30.02	---	20.74	42000	---	3200	3600	1400	4100	---	---	---	---
MW-4	07/27/92	50.76	30.02	---	20.74	---	---	---	---	---	---	---	---	---	---
MW-4	09/15/92	50.76	31.14	---	19.62	55000	1700 (c)	7600	13000	2800	9500	---	---	ANA	---
MW-4	12/15/92	50.76	31.98	---	18.78	30000	2200 (c)	3700	4700	1200	4000	---	---	ANA	---
MW-4	03/15/93	50.76	25.34	---	25.42	89000	---	1200	15000	2500	11000	---	---	ANA	---
MW-4	06/07/93	50.76	25.67	---	25.09	73000	2500	10000	19000	3400	14000	---	---	PAGE	---
MW-4	09/23/93	50.76	29.37	---	21.39	---	---	---	---	---	---	---	---	PAGE	---
MW-4	09/24/93	---	---	---	---	68000	5700	11000	2100	8600	950	---	---	PAGE	---
MW-4	09/24/93	---	---	---	---	59000	---	5300	10000	2200	8400	---	---	PAGE	---
MW-4	12/27/93	50.76	29.40	---	21.35	32000	---	2500	4400	1300	4400	---	---	PAGE	---
MW-4	04/05/94	50.76	27.09	---	23.67	64000	---	6500	14000	1800	9600	---	---	1.4	PAGE
MW-4	07/22/94	50.76	27.33	---	23.43	85000	---	10000	20000	3200	13000	---	---	0.8	PAGE
QC-1 (d)	07/22/94	---	---	---	---	86000	---	11000	21000	3300	14000	---	---	PAGE	---
MW-4	10/13/94	50.76	28.25	---	22.61	51000	---	7100	13000	2100	8900	---	---	PAGE	---
QC-1 (d)	10/13/94	---	---	---	---	51000	---	7400	13000	2100	9100	---	---	PAGE	---
MW-4	01/25/95	50.76	21.85	---	28.91	29000	---	3600	9600	1200	6400	---	---	ATI	---
QC-1 (d)	01/25/95	---	---	---	---	29000	---	4200	12000	1500	7800	---	---	ATI	---
MW-4	04/19/95	50.76	18.44	---	31.32	89000	---	12000	24000	3500	18000	---	---	6.1	ATI
QC-1 (d)	04/19/95	---	---	---	---	100000	---	13000	26000	3600	21000	---	---	ATI	---
MW-4	07/05/95	50.76	20.52	---	30.24	130000	---	13000	23000	3300	25000	---	---	4.3	ATI
MW-4	10/05/95	50.76	24.23	---	26.63	110000	---	10000	20000	3600	17000	---	---	2.1	ATI
MW-4	01/12/96	50.76	25.34	---	25.42	46000	---	3500	6300	1100	8000	---	---	3.3	ATI
QC-1 (d)	01/12/96	---	---	---	---	40000	---	2600	9000	1200	34000	---	---	ATI	---
MW-4	04/22/96	50.76	19.13	---	31.53	40000	---	5100	9600	8700	4300	---	---	3.2	ATI
QC-1 (d)	04/22/96	---	---	---	---	61000	---	8500	16000	1600	15300	---	---	SPL	---
MW-4	07/02/96	50.76	20.67	---	30.09	74000	---	9800	21000	2100	16600	---	---	SPL	---
QC-1 (d)	07/02/96	---	---	---	---	78000	---	9600	21000	1900	15300	---	---	SPL	---
MW-4	11/08/96	50.76	20.95	---	28.81	100000	---	7900	16000	2500	13700	---	---	SPL	---
QC-1 (d)	11/08/96	---	---	---	---	110000	---	9100	20000	3000	15400	---	---	SPL	---
MW-4	01/03/97	50.76	20.54	---	30.22	99000	---	17000	30000	4300	22700	---	---	4.2	SPL
QC-1 (d)	01/03/97	---	---	---	---	86000	---	12000	19000	2900	15000	---	---	SPL	---

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING  
BP OIL COMPANY SERVICE STATION NO. 11117  
7210 BANCROFT AVENUE, OAKLAND, CALIFORNIA

ALISTO PROJECT NO. 10-018

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	PRODUCT THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	Organic Lead (ug/l)	DO (ppm)	LAB
MW-6	07/24/92	50.32	30.63	---	19.69	ND	---	1.6	ND	ND	ND	---	---	---	---
MW-6	07/27/92	50.32	30.63	---	19.69	---	---	---	---	---	---	---	---	---	---
MW-6	09/15/92	50.32	31.52	---	19.80	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---
MW-6	12/15/92	50.32	32.42	---	17.90	58	ND<50	1.3	ND<0.5	ND<0.5	ND<0.5	---	---	---	ANA
MW-6	03/15/93	50.32	25.29	---	24.03	ND<50	ND<50	ND<0.5	0.6	ND<0.5	0.7	---	---	---	ANA
MW-6	06/07/93	50.32	20.33	---	23.99	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	1.5	---	---	---	PAGE
MW-6	09/23/93	50.32	29.64	---	20.68	---	---	---	---	---	---	---	---	---	PAGE
MW-6	09/24/93	---	---	---	---	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---
MW-6	12/27/93	50.32	20.75	---	20.57	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PAGE
MW-6	04/05/94	50.32	27.26	---	23.06	---	---	---	---	---	---	---	---	---	PAGE
MW-6	07/22/94	50.32	27.34	---	22.96	330	---	---	---	---	---	---	---	1.7	PAGE
MW-6 (f)	10/13/94	50.32	---	---	---	---	---	---	---	---	---	---	---	4.5	PAGE
MW-6	01/25/95	50.32	22.16	---	28.16	---	---	---	---	---	---	---	---	---	---
MW-6	04/19/95	---	---	---	---	240	---	6	ND<0.5	ND<0.5	ND<1	---	---	---	---
MW-6	07/05/95	50.32	20.90	---	---	---	---	---	---	---	---	---	---	---	---
MW-6	10/05/95	50.32	24.20	---	29.52	180	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.0	---	---	4.9	ATI
MW-6	01/12/96	50.32	25.30	---	26.12	800	ND<50	ND<5.0	ND<5.0	ND<5.0	ND<10	3600	---	2.8	ATI
MW-6	04/22/96	50.32	19.13	---	25.02	860	---	---	---	---	---	2800	---	4.2	ATI
MW-6	07/02/96	50.32	20.66	---	31.19	100	ND<50	ND<0.5	ND<1	ND<1	ND<1	470	---	4.3	SPL
MW-6	11/03/96	50.32	20.90	---	29.06	1100	---	---	---	---	---	1100	---	4.2	SPL
MW-6	01/03/97	50.32	20.53	---	28.34	ND<50	---	---	---	---	---	1500	---	4.3	SPL
MW-7	01/25/95	51.4	21.67	---	29.79	---	---	---	---	---	---	450	---	4.5	SPL
MW-7	04/19/95	51.4	25.27	---	29.73	ND<50	---	---	---	---	---	---	---	7.0	ATI
MW-7	07/05/95	51.4	24.63	---	26.13	ND<50	---	---	---	---	---	---	---	5.0	ATI
MW-7	10/05/95	51.4	28.21	---	26.77	83	---	---	---	---	---	---	---	4.2	ATI
MW-7	01/12/96	51.4	29.29	---	22.11	83	---	---	---	---	---	77	---	4.5	ATI
MW-7	04/22/96	51.4	23.11	---	28.29	---	---	---	---	---	---	120	---	4.8	ATI
MW-7	07/02/96	51.4	23.56	---	27.84	ND<50	---	---	---	---	---	13	---	4.8	SPL
MW-7	11/03/96	51.4	20.06	---	31.34	ND<50	---	---	---	---	---	ND<10	---	4.8	SPL
MW-7	01/03/97	51.4	23.42	---	27.98	ND<50	---	---	---	---	---	ND<10	---	5.1	SPL
MW-8	01/25/95	50.88	31.59	---	19.29	---	---	---	---	---	---	---	---	4.7	SPL
MW-8	04/19/95	50.88	19.18	---	31.70	ND<50	---	---	---	---	---	---	---	7.1	ATI
MW-8	07/05/95	50.88	19.03	---	31.85	ND<50	---	---	---	---	---	---	---	5.1	ATI
MW-8	10/05/95	50.88	24.40	---	26.48	---	---	---	---	---	---	---	---	4.5	ATI
MW-8	01/12/96	50.88	25.61	---	30.27	---	---	---	---	---	---	---	---	4.1	ATI
MW-8	04/22/96	50.88	19.00	---	32.68	---	---	---	---	---	---	---	---	4.8	ATI
MW-8	07/02/96	50.88	19.83	---	31.05	---	---	---	---	---	---	---	---	4.8	SPL
MW-8	11/03/96	50.88	20.09	---	30.79	---	---	---	---	---	---	---	---	4.5	SPL
MW-8	01/03/97	50.88	19.72	---	31.16	---	---	---	---	---	---	---	---	4.7	SPL
MW-9	01/25/95	51.05	22.32	---	28.73	---	---	---	---	---	---	---	---	4.4	SPL
MW-9	04/19/95	51.05	19.86	---	31.19	---	---	---	---	---	---	---	---	7.4	ATI
MW-9	07/05/95	51.05	20.78	---	30.27	---	---	---	---	---	---	---	---	5.2	ATI
MW-9	10/05/95	51.05	24.33	---	26.72	---	---	---	---	---	---	---	---	4.4	ATI
QC-1 (d)	10/05/95	---	---	---	---	---	---	---	---	---	---	---	---	2.3	ATI
MW-9	01/12/96	51.05	25.44	---	25.61	---	---	---	---	---	---	---	---	---	---
MW-9	04/22/96	51.05	18.01	---	33.04	---	---	---	---	---	---	---	---	3.2	ATI
MW-9	07/02/96	51.05	19.70	---	31.35	---	---	---	---	---	---	---	---	3.5	SPL
MW-9	11/03/96	51.05	19.86	---	31.09	---	---	---	---	---	---	---	---	3.3	SPL
MW-9	01/03/97	51.05	19.62	---	31.53	---	---	---	---	---	---	---	---	3.7	SPL
						ND<250	---	---	---	---	---	---	---	4.4	SPL

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING  
BP OIL COMPANY SERVICE STATION NO. 11117  
7210 BANCROFT AVENUE, OAKLAND, CALIFORNIA

ALUSTO PROJECT NO. 10-018

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (feet)	DEPTH TO WATER (feet)	PRODUCT THICKNESS (feet)	GROUNDWATER ELEVATION (feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	Organic Lead (ug/l)	DO (ppm)	LAB
QC-2 (g)	09/15/02	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	ANA
QC-2 (g)	12/15/02	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	ANA
QC-2 (g)	03/15/03	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	06/07/03	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	09/24/03	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	12/27/03	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	04/05/04	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	07/22/04	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	10/13/04	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	01/25/05	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	04/19/05	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	07/05/05	---	---	---	---	ND-50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	ATI
QC-2 (g)	10/05/05	---	---	---	---	ND-50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI
QC-2 (g)	01/12/06	---	---	---	---	ND-50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	ATI
QC-2 (g)	04/22/06	---	---	---	---	ND-50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	SPL
QC-2 (g)	07/02/06	---	---	---	---	ND-50	---	ND<0.5	ND<1	ND<1	ND<1	ND<10	---	---	SPL

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline
TPH-D	Total petroleum hydrocarbons as diesel
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl tert butyl ether
DO	Dissolved oxygen
ug/l	Micrograms per liter
ppm	Parts per million
ND	Not detected above reported detection limit
---	Not analyzed/applicable/measurable
ANA	Anamatrix, Inc.
PACE	Pace, Inc.
ATI	Analytical Technologies, Inc.
SPL	Southern Petroleum Laboratories

NOTES:

- Casing elevations surveyed to the nearest 0.01 foot relative to mean sea level.
- Groundwater elevations adjusted assuming a specific gravity of 0.75 for free product.
- Concentrations reported as diesel from MW-1, MW-2 and MW-4 are primarily due to the presence of a lighter petroleum product, possibly gasoline or kerosene.
- Blind duplicate.
- Well not sampled due to presence of free product.
- Well inaccessible.
- Travel blank.

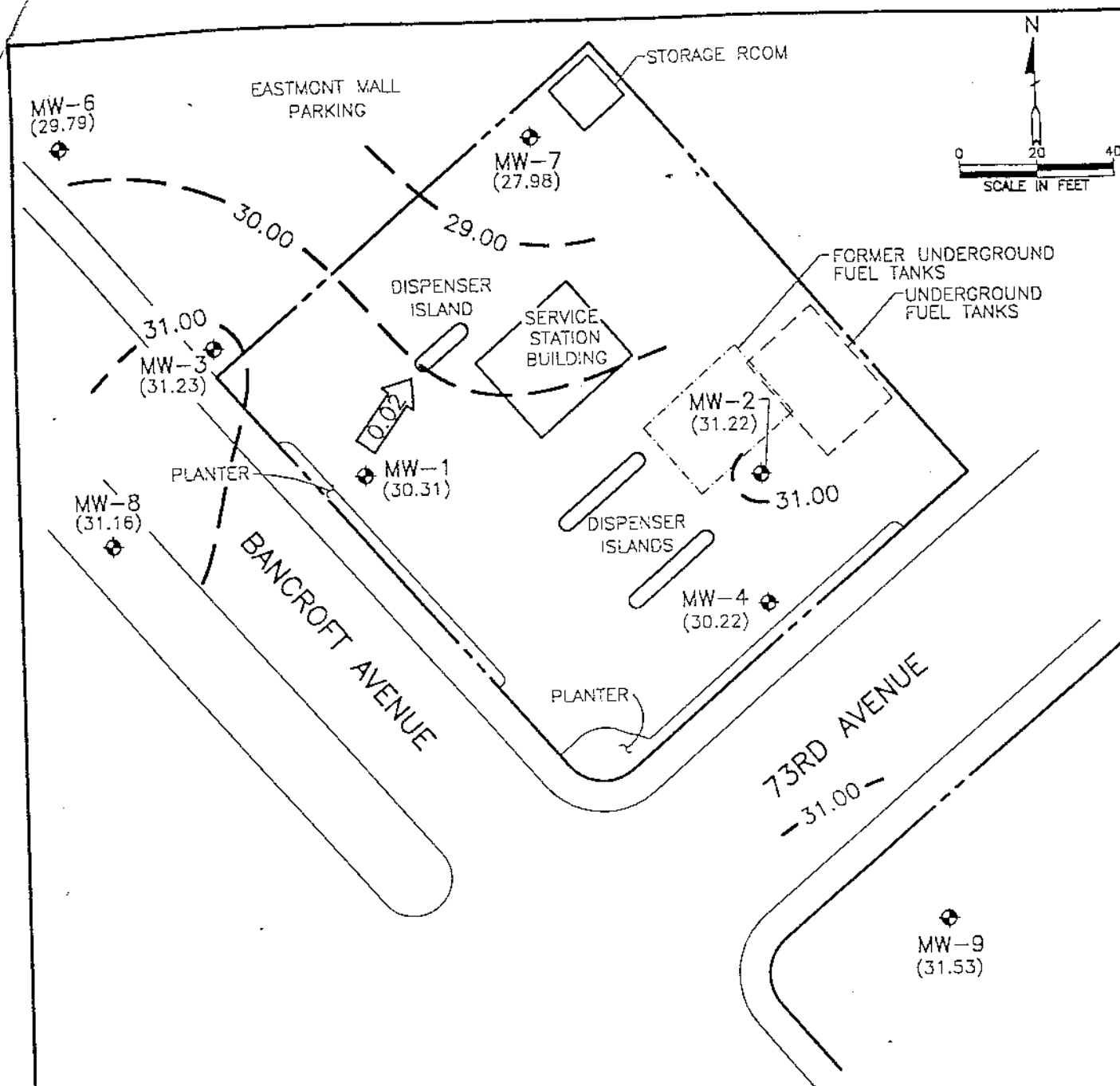
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TABLE 2 - PRODUCT REMOVAL STATUS  
BP OIL COMPANY SERVICE STATION NO. 11117  
7210 BANCROFT AVENUE, OAKLAND, CALIFORNIA

ALISTO PROJECT NO. 10-018

WELL ID	DATE	PRODUCT THICKNESS	PRODUCT REMOVED (Gallons)	PRODUCT REMOVE CUMULATIVE (Gallons)
MW-2	02/01/94	1.78	<0.01	<0.01
MW-2	02/11/94	1.55	0.10	0.10
MW-2	02/18/94	1.62	0.90	1.00
MW-2	02/25/94	3.21	0.10	1.10
MW-2	03/04/94	3.92	0.10	1.20
MW-2	03/30/94	4.06	2.60	3.80
MW-2	04/13/95	3.10	0.10	3.90
MW-2	04/21/94	2.88	0.10	4.00
MW-2	04/24/95	6.00	0.10	4.10
MW-2	05/06/94	8.00	0.60	4.70
MW-2	05/13/94	7.00	0.10	4.80
MW-2	05/20/94	7.38	2.10	6.90
MW-2	05/26/94	2.00	2.00	8.90
MW-2	06/02/94	1.09	1.00	9.90
MW-2	06/09/94	1.70	1.00	10.90
MW-2	06/16/94	1.13	1.00	11.90
MW-2	06/23/94	1.24	0.75	12.65
MW-2	06/29/94	0.72	0.60	13.25
MW-2	07/07/94	0.56	0.50	13.75
MW-2	07/12/94	1.00	1.10	14.85
MW-2	07/20/94	0.72	0.75	15.60
MW-2	07/29/94	1.42	1.10	16.70
MW-2	08/05/94	1.04	0.76	17.46
MW-2	08/12/94	1.22	0.76	18.22
MW-2	08/18/94	1.33	0.43	18.65
MW-2	09/16/94	0.42	0.76	19.41
MW-2	09/23/94	0.19	0.17	19.58
MW-2	10/26/94	1.13	0.76	20.34
MW-2	11/03/94	0.77	1.10	21.44
MW-2	11/12/94	0.64	0.60	22.04
MW-2	11/16/94	0.67	0.67	22.71
MW-2	11/23/94	0.56	0.50	23.21
MW-2	12/01/94	0.49	0.60	23.81
MW-2	12/08/94	0.61	0.76	24.57
MW-2	04/19/05	0.12	<0.01	24.57
MW-2	05/23/95	SHEEN	<0.01	24.57
MW-2	06/15/95		<0.01	24.57
MW-2	10/05/95	0.10	0.25	24.82
MW-2	01/12/96	0.06	0.01	24.83
MW-2	02/08/96	0.06	0.01	24.84
MW-2	04/22/96	0.08	0.01	24.85
MW-2	07/02/96	0.04	<0.01	24.85
MW-2	11/08/96	0.01	<0.01	24.85
MW-2	01/03/97	0.02	<0.01	24.85





## LEGEND

- ◆ GROUNDWATER MONITORING WELL
- (30.31) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 31.00 - GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL-1.00 FOOT)
- ← 0.02 → CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

## FIGURE 2

### POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP

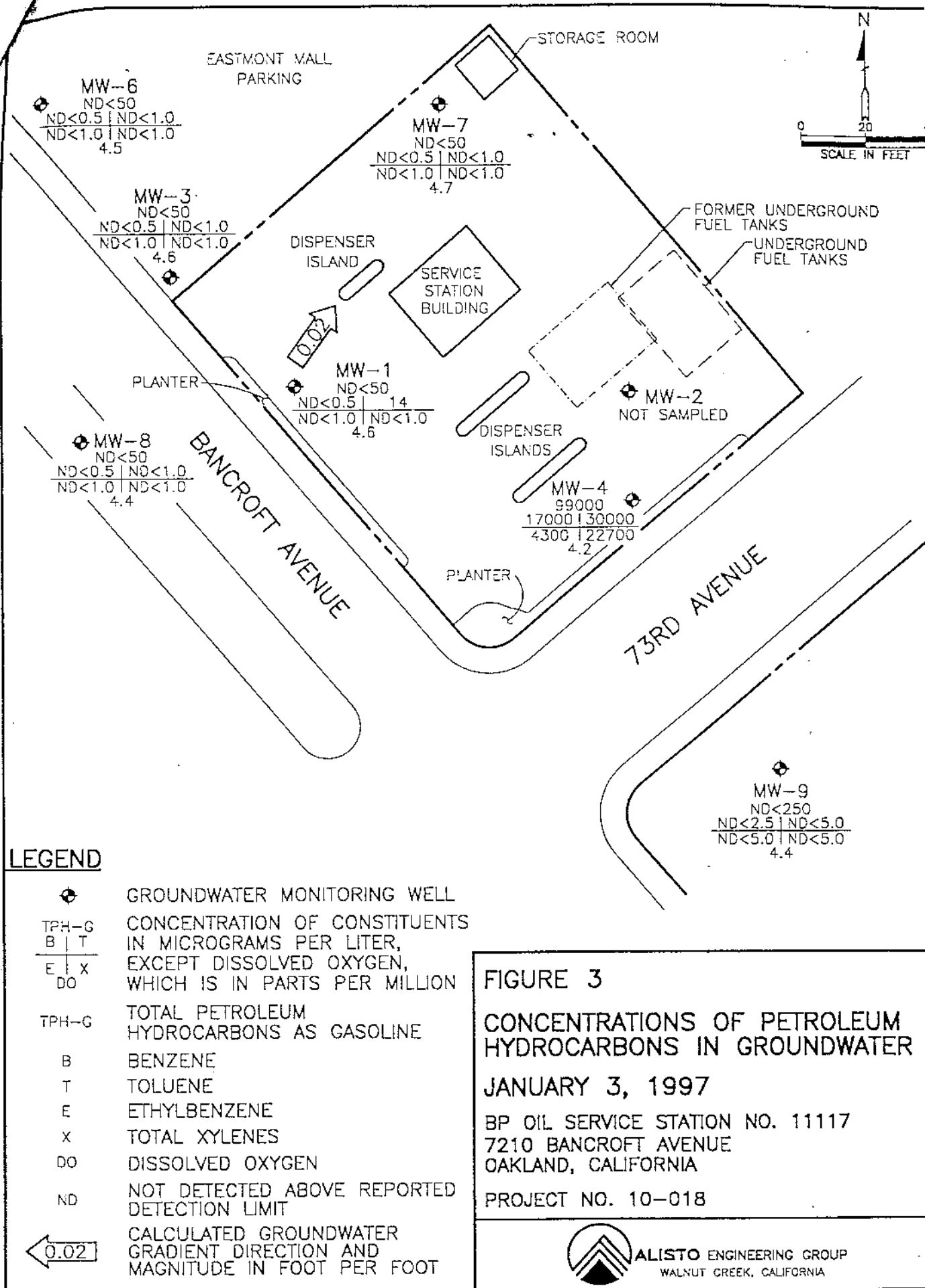
JANUARY 3, 1997

BP OIL SERVICE STATION NO. 11117  
7210 BANCROFT AVENUE  
OAKLAND, CALIFORNIA

PROJECT NO. 10-018



**ALISTO ENGINEERING GROUP**  
WALNUT CREEK, CALIFORNIA





**AllWest Environmental, Inc.**

Specialists in Environmental Site  
Investigation and Remediation Services

One Eastmont Mall  
Oakland, CA 94605-1970  
Tel. (415) 341-2500  
Fax (415) 341-2508

July 19, 1994

Mr. David Norwitt  
General Manager  
Eastmont Mall  
One Eastmont Mall  
Oakland, CA 94605-1970

**Subject: Environmental Assessment Review  
Eastmont Mall, Oakland, California  
AllWest Project No. 94153.27**

Dear Mr. Norwitt,

Pursuant to your request, AllWest has completed an environmental assessment document review for the Eastmont Mall in Oakland, California. The purpose of the review was to assist you to evaluate the extent of soil and groundwater contamination that exists at the subject site and to formulate recommendations for any future course of action. This letter summarizes our review findings and presents our recommendations which are the initial steps to achieve site closure.

The following documents were provided to AllWest for review:

1. Subsurface Investigation Report for J.C. Penney Store No. 836, Eastmont Mall, Oakland, California. Prepared by Dames & Moore and dated July 10, 1991.
2. Level One Environmental Site Assessment Report for Eastmont Mall, Oakland, California. Prepared by Certified Engineering & Testing Company and dated October 27, 1992.
3. Boring and Monitoring Well Installation Report for Eastmont Mall, Oakland, California. Prepared by Artesian Environmental and dated October 20, 1993.
4. Quarterly Groundwater Monitoring Report for Eastmont Mall, Oakland, California. Prepared by Artesian Environmental and dated January 20, 1994.

## I. REVIEW FINDINGS

### A. Documentation

Even though the four environmental reports provided to AllWest for review included the majority of the data that is typically needed to evaluate environmental concerns at the site, other documents that would be useful were not available. The unavailable documents that are considered essential to the environmental evaluation process include the Hunter Environmental's 1989 subsurface investigation report, groundwater monitoring or remediation reports on the BP service station, and correspondence from the regulatory agencies on the adequacy and/or the direction of subsurface investigation.

### B. Subsurface Contamination

Based on our review, we identified the following five areas with confirmed or potential soil and/or groundwater contamination:

1. *British Petroleum (BP) Service Station* at the south corner of the Mall property.
2. *Former Firestone Tire, Break and Alignment Shop* at the east corner of the Mall property.
3. *Sparkle Cleaners* at the northwest side of the main Mall structure.
4. *Eastmont Auto* at the southeast side of the main Mall structure.
5. "Non-Point Source Area" at the general northwest area of the main Mall structure.

#### 1. BP Site

The BP station is an operating fuel retailing facility. No environmental documents related to the BP site were provided to AllWest. However, based on the site history descriptions contained in the provided documents, we understand soil and groundwater at this site has been impacted by petroleum hydrocarbons. Contaminated groundwater had apparently migrated off the BP site and impacted the Mall property as made evident by the detection of petroleum hydrocarbons and halogenated hydrocarbons in a well (MW-3) within the Mall property line and downgradient from the BP site.

The latest results of groundwater monitoring within the Mall property, reported by Artesian on January 1994, indicate the groundwater sample from MW-3 contained gasoline at 13,000 parts per billion (ppb), benzene at 990 ppb, toluene at 28 ppb, ethylbenzene at 330 ppb, xylene at 110 ppb, vinyl chloride at 3.4 ppb, and 1,2-dichloroethane (1,2-DCA) at 24 ppb. The concentration of benzene and 1,2-DCA exceeds the federal and state maximum contamination level (MCL) of 1 ppb and 0.5 ppb, respectively.

The contamination level of groundwater beneath the BP site is unknown to us, but we expect it to be higher than that detected in MW-3. The status of groundwater remediation at the BP site is also unknown.

## 2. Former Firestone Site

The former Firestone site is currently a vehicle maintenance facility for the Oakland Police Department. Three 10,000-gallon USTs were removed from this site in 1985. However, no UST removal documents were archived by Firestone or are available from the regulatory agencies. Dames & Moore (D&M) advanced six soil borings and installed two groundwater monitoring wells in and around the former UST pit in 1991. Soil and groundwater sampling results indicate no detectable concentrations of petroleum hydrocarbons or fuel related volatile organics in collected samples except for one soil sample. The soil sample was collected from a depth of 15 feet at a down-gradient location from the former pump island. The contaminants detected in the soil sample included gasoline at 7.7 parts per million (ppm), toluene at 0.07 ppm, and xylenes at 0.036 ppm. There are no MCLs for gasoline or its constituents in soils.

However, according to the D&M report, another consultant (Hunter Environmental) had installed a groundwater monitoring well (MW-4) in the general area of the Firestone site in 1989. The 1989 test results indicate a soil sample from the 15 feet depth also contained gasoline at 2,000 ppm, benzene at 1.4 ppm, toluene at 4.3 ppm, ethylbenzene at 23 ppm, and xylenes at 1560 ppm. The groundwater sample from this well resulted in gasoline at 2,200 ppb, benzene at 28 ppb, toluene at 21 ppb, ethylbenzene at 50 ppb, and xylenes at 290 ppb in 1989. The benzene level exceeded the MCL.

D&M concluded that the reduction of contaminant concentrations from the elevated levels in 1989 to the non-detect level in 1991 could be attributed to the natural process of oxidation, bio-degradation, retardation, and dispersion. However, D&M recommended that the wells be re-sampled to re-evaluate the groundwater quality over a longer period of time.

## 3. Sparkle Cleaners

According to the D&M report, Hunter Environmental installed a groundwater monitoring well (MW-2) northwest of the main Mall structure, in the downgradient location of the cleaner facility, in 1989. Groundwater sampling from this well resulted in the detection of 1,2-dichloroethene (1,2-DCE) at 8 ppb, trichloroethene (TCE) at 19 ppb, and tetrachloroethene (PCE) at 210 ppb. TCE and PCE are common ingredients of cleaning fluid and the concentrations of these halocarbons exceed the MCL.

An Artesian installed five groundwater monitoring wells around the main Mall structure in late 1993 to assess the possible extent of soil and groundwater contamination. One of the wells, MW-6, was located in the general area of MW-2. Groundwater sampling at this well in December 1993 resulted in the detection of gasoline at 73 ppb, benzene at 13 ppb, and ethylbenzene at 1.5 ppb. However, no halocarbons were detected. According to the Artesian report, MW-2 could not be located and presumably was covered over by new pavement. Benzene concentration in the 1993 groundwater sample exceeded the MCL. Since no potential contamination source of petroleum products can be identified in this area, the cause of gasoline or BTEX detection in groundwater is unknown.

## 4. Eastmont Auto

To date, no subsurface investigation has been performed nor subsurface contamination has been confirmed at the Eastmont Auto site. However, potential contamination sources, such as hydraulic hoists, underground/aboveground storage tanks/drums, are located on site. The subsurface conditions of this site is known.

Also, it is our understanding that an underground storage tank will be removed from this site in the next few months. Proper documentation of the tank removal and verification sampling is essential since the sampling results may shed some light on the subsurface conditions at this area.

#### 5. Non-Point Source Area

The non-point source area is the general area in the northwestern part of the Mall property. The term "non-point source" refers to the fact that no specific contamination source has been identified at this area at this time. Documentation on the potential groundwater contamination at this area is provided in the latest Artesian report. One of the groundwater monitoring wells (MW-7) they sampled in late 1993 resulted in the detection of gasoline at 78 ppb, benzene at 15 ppb, and ethylbenzene at 1.7 ppb. The benzene level exceeds the MCL. There has been no further groundwater sampling or testing since then.

According to the documents, the Mall property was once the Chevrolet Fisher Body Plant from 1916 to early 1960s. Reportedly, there were underground storage tanks with capacity up to 13,000 gallons that contained gasoline, kerosene, fuel, and motor oil. No information on the removal of those USTs or the investigation of subsurface conditions around the USTs was available. The petroleum hydrocarbons detected in groundwater in this general area may be from potential historical contamination due to the USTs or other aspects of the plant operation.

## II. DISCUSSIONS

Based on available information, it is apparent that the groundwater contamination detected at MW-3 originated from the BP site. Even though BP has undertaken groundwater contamination investigations and regulatory agencies generally will not require the owner of a property contaminated by an off-site source to participate in the clean up, it is desirable to obtain an indemnification or a hold harmless agreement from BP. It is also advisable to actively monitor the remedial process and to press BP to expedite the remediation.

The 1991 D&M analytical results from their investigation at the former Firestone site are inconsistent with Hunter's 1989 results. To achieve site closure, all inconsistencies must be adequately resolved. Therefore, it is essential to follow the original D&M recommendation to re-sample the wells at the former Firestone site. Since no groundwater sampling has been performed on the two D&M wells since 1991, it is important to include the two wells in the quarterly groundwater monitoring program to re-establish the database of chronological sampling results. Regulatory agencies generally require four consecutive quarters of non-detect levels before considering any closure recommendations.

Solvents were detected in groundwater downgradient from the Sparkle Cleaners in 1989, but fuel constituents were detected in 1993 instead. The inconsistent results are further complicated by the different sampling locations (MW-2 vs. MW-6). To resolve this difference, monitoring well MW-2 should be located, refurbished, and then re-sampled along with the other on-site wells. If MW-2 was damaged during repaving of the parking lot, it should be properly destroyed to eliminate a potential conduit of subsurface contamination. Continued groundwater monitoring at this area is essential to determine whether cleaning solvents have impacted the subject property or not. Also, additional groundwater monitoring data are likely to provide the clue to the source of the petroleum hydrocarbons detected in 1993.

It is our understanding that an underground storage tank at the Eastmont Auto will be removed in the next few months. To avoid the problem of missing files or unavailable information as with the case of the former Firestone UST removal, the property owner should closely monitor the removal process and insist on receiving a copy of all related documentation. It is also advisable to retain an environmental consultant to peer-review the work performed by the tenant's contractor and consultant.

Considering the previous site use as an automobile assembly plant with underground storage tanks, contaminants detected intermittently in the groundwater at the northwestern part of the mall since 1989 may be from historical contamination. To determine the source of subsurface contamination and to assess the remedial options, it is logical to continue quarterly monitoring of all existing wells at the site so that a database of the site's groundwater conditions can be established. Clues on potential source area(s) are more likely to be found after compiling and reviewing sufficient groundwater data. Continued groundwater monitoring will also expose data gaps and show areas that need further investigation, if any. Therefore, the reinstatement of the quarterly groundwater monitoring program is a priority.

### III. RECOMMENDATIONS

AllWest recommends the following:

1. Locate and uncover groundwater monitoring well MW-2. Extend the well head structure to match the current pavement elevation if the well is still usable. If the well is damaged or unusable, properly destroy it in accordance with the state water well standards.
2. Implement a quarterly groundwater monitoring program to cover all on-site groundwater monitoring wells including the two wells installed by D&M. The program should be performed for at least four consecutive quarters to establish a database of the site's groundwater condition which may be used in the future for site closure. The cost of quarterly monitoring the ten on-site wells for four quarters is estimated at about \$30,000.00.
3. Monitor the investigation and remediation progress at BP site. This can be accomplished by conducting semi-annual or annual file reviews at the Alameda County

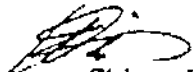
Environmental Health Division and the San Francisco Bay Regional Water Quality Control Board. Press BP to actively remediate the groundwater contamination. Seek legal advise on obtaining indemnification from BP.

4. Monitor the proposed UST removal project at Eastmont Auto. Obtain, retain, and peer-review all documentation concerning the UST removal.
5. Arrange a meeting with the regulators, i.e., the Alameda County Environmental Health Division and the San Francisco Bay Regional Water Quality Control Board, to discuss the site status and to discern the information necessary to achieve site closure.

Should you have questions regarding this letter or need additional information, please call me or Marc Cunningham at (415) 391-2510.

Sincerely,

AllWest Environmental, Inc.



Long Ching, PE  
Senior Project Manager

LC/bms

L94153.27A





**National Environmental  
Management and  
Engineering Services**

# **PHASE II LIMITED SUBSURFACE INVESTIGATION REPORT**



**EASTMONT TOWN CENTER  
7200 BANCROFT AVENUE  
OAKLAND, CALIFORNIA**

**EBI Project #24-8175**

**December 22, 2004**

**Prepared for:**

**EBI Consulting**  
Four A Street  
Burlington, MA 01803  
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**COUNTRYWIDE COMMERCIAL REAL ESTATE  
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4500 PARK GRANADA MS CH-143  
CALABASAS, CA 91302**



**National Environmental  
Management and  
Engineering Services**

# **PHASE II LIMITED SUBSURFACE INVESTIGATION REPORT**



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**EBI CONSULTING  
FOUR A STREET  
BURLINGTON, MA 01803  
800-786-2346  
Project #24-8175**

**PHASE II LIMITED SUBSURFACE  
INVESTIGATION REPORT**

**Eastmont Town Center  
7200 Bancroft Avenue  
Oakland, California 94605**

December 22, 2004

*Prepared for:*  
Countrywide Commercial Real Estate  
Finance  
4500 Park Granada MS CH-143  
Calabasas, CA 91302

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ENVIROBUSINESS, INC.

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December 22, 2004

Mr. Sepp Dobler

Countrywide Commercial Real Estate Finance

4500 Park Granada MS CH-143

Calabasas, CA 91302

ATLANTA, GA  
BALTIMORE, MD  
BURLINGTON,  
MA  
CHICAGO, IL  
DALLAS, TX  
DENVER, CO  
EXETER, NH  
HOUSTON, TX  
LOS ANGELES,  
CA  
NAPLES, FL  
NEW YORK, NY  
PHOENIX, AZ  
PORTLAND, OR  
SAN FRANCISCO,

**Subject: Phase II Limited Subsurface Investigation, Eastmont Town Center  
7200 Bancroft Avenue, Oakland, California  
EBI Project #24-8175**

Dear Mr. Dobler:

In accordance with our *Proposal for Subsurface Investigation* dated December 3, 2004, EBI Consulting (EBI) is pleased to submit this *Phase II Limited Subsurface Investigation Report (Report)* for the above-referenced property (herein referred to as the Subject Property).

The purpose of this *Report* is to assist *Countrywide Commercial Real Estate Finance* in its underwriting of a proposed mortgage loan on the Subject Property described herein. *Countrywide Commercial Real Estate Finance* and its affiliates (collectively, "CRF"), its successors and assigns, rating agencies and certain investors involved in the Securitization (as defined below) or other disposition, may use and rely upon this *Report* in connection with a planned securitization involving the loan secured by the Property or a whole loan sale or other disposition of the related loan (collectively, the "Securitization"). CRF, at its option, may elect to include selected information contained in the *Report* in the Offering Memorandum or other disclosure materials relating to the Securitization and the Consultant agrees to cooperate in answering questions by any of the above parties in connection with the Securitization. There are no intended or unintended third party beneficiaries to this *Report*, except as expressly stated herein.

The conclusions of this *Report* are based on soil analytical data prepared by Test America Analytical Testing Corporation, soil vapor analytical data prepared by HydroGeoSpectrum (HGS), soil-screening results obtained utilizing a MiniRae Photoionization Detector (PID), and field observations recorded by EBI personnel.

It has been a pleasure to prepare this *Report*. Please contact the undersigned if you have questions about the contents of this *Report* or require further information.

Sincerely,

A handwritten signature in black ink, appearing to read "Rich McKinney".

Mr. Richard McKinney RG 6183  
Author/Senior Program Director

A handwritten signature in black ink, appearing to read "William J. Gibbons".

Mr. William Gibbons  
Reviewer/Manager Site Investigation/Remediation

## EXECUTIVE SUMMARY

On December 9 and 10, 2004, EBI Consulting (EBI) performed a Phase II Limited Subsurface Investigation at the Subject Property, which included the advancement of four soil borings at the Sparkle Kleen dry cleaner tenant space located at 7000 Bancroft Avenue, and four borings at the site of the former Eastmont Auto hydraulic lifts and oil/water separator at 7250 Bancroft Avenue (1 Eastmont Mall).

Four of the soil samples collected during the advancement of the soil borings at the dry cleaner facility were analyzed for volatile organic compounds (VOCs) by EPA Method 8260. In addition, four soil vapor samples were collected and analyzed for VOCs by GCMS in accordance with California Regional Water Quality Control Board (RWQCB) QA/QC requirements. Five of the soil samples collected during the advancement of the soil borings at the former Eastmont Auto facility were analyzed for total petroleum hydrocarbons diesel range organics and gasoline range organics (TPH/DRO-GRO) and polychlorinated biphenyls (PCBs) by US EPA Methods 8015 and 8082.

Field screening of soil samples obtained from the soil borings was completed using a photoionization detector (PID). Groundwater was not encountered within any of the borings at the Subject Property to the depths investigated. The maximum depth of investigation was approximately 46 feet below ground surface (bgs).

### Dry Cleaner

The results of the Limited Subsurface Investigation revealed low concentrations of dry cleaning solvent tetrachloroethene (PCE) and trichloroethylene (TCE) in shallow subsurface soil collected from soil borings advanced adjacent to the dry cleaning unit. These concentrations are less than the regulatory screening concentrations, SF-RWQCB ESLs for PCE and TCE. Trace concentrations of PCE were reported in soil vapor collected from the two interior soil borings. The concentration of PCE in soil vapor decreased in concentration with depth into the subsurface.

Based on these results, EBI is of the opinion that evidence of a significant release at the Subject Property dry cleaner was not identified; therefore, no further intrusive investigations are recommended at this time.

However, as indicated in the Phase I ESA Report (EBI Project #24-2778A), EBI recommends repairing the floor cracks and the installation of secondary containment beneath the dry cleaning unit and waste storage drums. Secondary containment will reduce the potential for an accidental release of dry cleaning solvent to migrate into the subsurface and adversely impact the Subject Property.

### Former Eastmont Auto

Results of the analysis of the soil samples collected to address potential impacts from the hydraulic lifts and oil/water separator associated with the former Eastmont Auto revealed no detectable concentrations of TPH-DRO, TPH-GRO or PCBs. Based on these results, EBI is of the opinion that no evidence of a significant release at the Subject Property former Eastmont Auto facility was identified; therefore, no further intrusive investigations are recommended at this time.

## 1.0 INTRODUCTION

### 1.1 Purpose

The purpose of the Phase II Limited Subsurface Investigation was to confirm the absence or presence of solvent contamination as a result of dry cleaning operations conducted at the Subject Property from 1995 to the present and potential petroleum hydrocarbon contamination of the subsurface at the location of former hydraulic lift and oil/water separator operations. This *Report* presents an evaluation of the subsurface soil conditions and results of the analysis of soil and soil vapor samples obtained in the vicinity of and within the dry cleaning tenant space and analysis of soil samples obtained in the vicinity of the inactive hydraulic lifts and oil/water separator. Groundwater was not encountered at the maximum 46 feet depth of investigation.

According to EBI's Phase I ESA (EBI Project #24-2778A), Sparkle Cleaners has operated dry cleaning equipment continuously for the last 15 years. The date of the last reported subsurface assessment related to the dry cleaner was 1997. No significant subsurface contamination was reported in proximity to the dry cleaner and based upon the results of the subsurface assessment; the regulatory authority determined no further action was required. However, dry cleaning operations, utilizing tetrachloroethene (PCE) as a dry cleaning solvent, have continued at this location from 1997 to the present. Therefore, EBI could not comment on the condition of the subsurface beneath and in the immediate vicinity of the existing dry cleaner tenant space since 1997. In addition, EBI observed cracks in the concrete flooring adjacent to the dry cleaning unit, some floor staining, and secondary containment beneath the dry cleaner and waste storage containers was absent. Minor spills of PCE have the propensity to result in impact to the subsurface beneath dry cleaner tenant spaces and/or immediately behind the tenant spaces.

Eastmont Auto formerly operated at the southern portion of the existing retail mall building located adjacent and east of the 76 Station retail gasoline station. Eastmont Auto reportedly operated at the mall from the late 1960s to the 1990s. Case closure was granted for the removal of a former waste oil UST at this location. However, EBI did not identify previous subsurface investigation(s) that addressed the potential for a release of hydraulic fluid from the inactive hydraulic lifts located inside the building or potential release of petroleum contaminants from the inactive oil/water separator associated with this former auto service facility. Based on the age of the lifts, there is a potential for the hydraulic oil to have contained polychlorinated biphenyls (PCBs). The potential exists for a release of petroleum hydrocarbons to the subsurface from the historic hydraulic lift and oil/water separator system operations.

### 1.2 Subject Property Description and Location

The Subject Property is located in Oakland, Alameda County, California and is enclosed by Bancroft Avenue, Foothill Boulevard, Church Street and 73<sup>rd</sup> Avenue. *Figures 1, 2, and 3* attached to this *Report* depict the Subject Property on a street map, topographic map, and *Site Plan* that shows an approximate layout of the Subject Property and adjacent properties.

The Subject Property is part of the Eastmont Town Center and was reportedly constructed in 1968 to 1972 and consists of a one- and two-story retail mall building with an attached medical arts building (former JC Penney) and a one-story police station building (former Mervyn's department store). The site is approximately 27.53 acres and the net rentable area of the buildings included as part of the Subject Property is approximately 581,517 square feet (Figure 3).

### **Geology**

Oakland and the San Francisco Bay Region lie within the California Coast Range, a complex of mountains and valleys that lie parallel and adjacent to the Pacific Ocean. These ranges are characterized by rock units that have been subjected to extensive fracturing related to movements along the San Andreas and other nearby fault zones. The bedrock is a complex, disrupted assemblage of sedimentary, igneous, and metamorphic rock, generally associated with the Franciscan Formation. The Subject Property area is underlain by Quaternary age deposits of unconsolidated stream alluvium and slope wash, ranging in thickness from ten feet to several hundred feet. The alluvium grades into marine clays and sands toward the San Francisco Bay located approximately 3.5 miles west of the Subject Property.

The Soil Conservation Survey report for Alameda County describes the soils at the Subject Property as Urban Land; thereby rendering statistical soil descriptions infeasible. Previous subsurface investigations at the Subject Property reported clays with some interbedded sands and gravels to 45 feet below surface grade (bsg).

### **Hydrology/Hydrogeology**

No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the Property. The nearest water body is the Arroyo Viejo located approximately 1,300 feet south of the Subject Property.

According to the previous groundwater investigations at the Subject Property, discussed in Section 2.0 of this *Report*, first depth to groundwater under the southern portion of the Subject Property was variable, ranging from 13 to 33 feet bgs with variable flow direction reported from 1992 to 2003 from southwest to northeast. However, the predominant direction of groundwater flow appears to be northerly, ranging from northeast through northwest. Note that groundwater was not encountered in soil borings advanced during this assessment to a maximum depth of 46 feet bgs.



## 2.0 SUMMARY OF PREVIOUS ENVIRONMENTAL SITE ASSESSMENTS

Refer to the EBI Phase I ESA report for the Subject Property, EBI Project #24-2778, for a complete discussion of previous environmental assessments of the Subject Property. Previous reports relevant to this Phase II assessment are discussed below.

*Remedial Action Completion Certification, 1 Eastmont Mall, Oakland, California* dated April 16, 1998 by Alameda County Health Care Services. Granted closure for one 500-gallon waste oil tank removed October 23, 1995. This document included a Case Closure Summary that provided the following information:

- In 1916, the site was occupied by the Chevrolet Fisher Body Plant and five USTs were in use that included one 12,000-gallon gasoline, one 12,000-gallon waste oil, one 13,000-gallon fuel oil, one 10,000-gallon kerosene, and one 13,000-gallon oil UST. The plant was demolished in 1965 and the mall was constructed in 1969.
- Subsurface contamination was identified in four areas of the site to include the former JCPenney/Firestone building; Sparkle Cleaners; BP/Current 76 Station; and Eastmont Auto Center. The 1998 Closure Letter only granted closure for the Sparkle Cleaners and Eastmont Auto Center as the former JCPenney/Firestone building and 76 Station are treated as two separate site cases.
- The results presented in a 1997 report prepared by Envirocon were reiterated and the case closure report summarized that groundwater from wells MW-5 through MW-9 was sampled seven times on a quarterly basis and no hydrocarbon contamination was detected except for very low levels of TPHg, benzene, and TCE in one event. The groundwater flow was stated to be west-northwest. It appeared “that the UST[s] operated by the former auto assembly plant and dry cleaner did not adversely impact the groundwater...”
- Soil contamination was not found beneath the Sparkle Cleaners space in an October 1995 investigation.
- The 500-gallon waste-oil UST was removed from the Eastmont Auto Center in October 1995 and analysis of a soil sample collected from the center of the excavation pit identified elevated TPH as diesel (TPHd) and total oil and gasoline (TOG). Halogenated and semi volatile organic compounds were not detected. An additional one to two feet of soil was excavated from the UST pit and post-excavation sampling and analysis detected up to 1,300 ppm non-polar oil and gas and 610 ppm motor oil remaining in the soil.
- In April 1996, three soil borings were completed near the former waste-oil UST to 40 feet bsg. Soil samples were collected and no hydrocarbons were detected in the soil samples. TPH as motor oil was detected in one out of three groundwater samples at a concentration of 4,300 ppb and the laboratory indicated this contaminant resembled lubricating oil and not motor oil. This contamination appeared to be limited as none was detected in downgradient well MW-9 (approximately 200 feet away) and the County concluded further sampling was not warranted.

### 3.0 SCOPE OF INVESTIGATION

#### 3.1 Rationale for Work Scope

EBI conducted subsurface investigation activities in the vicinity of the dry cleaner facility to assess subsurface conditions related to the use of dry cleaning solvent (PCE) and from in-ground hydraulic lifts and an oil/water separator associated with the former Eastmont Auto that operated from the 1960s to the 1990s (Figure 3).

#### 3.2 Exploration Procedures

##### 3.2.1 Soil Boring Locations

Subsurface utilities were located on the exterior portions of the Subject Property by the respective utility companies or by their utility clearance contractors. The utility locations were identified and clearly marked within an approximate 50-foot radius of planned subsurface activities.

##### **Dry Cleaner**

Two soil borings (SV1 and SV2) were completed within the interior of the tenant space in proximity to the dry cleaning equipment and waste storage area, the most likely source of a potential release of dry cleaning solvent to the environment. In addition, one soil boring (SV3) was advanced in the hallway, exterior rear entrance, adjacent to the tenant space and one soil boring (SV4) was advanced in front of this tenant space. *Figure 4A, Soil Boring Location Map* shows the general layout of the Subject Property, the locations of the soil borings, tenant facility dry cleaning equipment, and waste storage areas.

A mobile Geoprobe® unit was used to advance the exterior soil borings. The interior soil borings were advanced utilizing a limited access Geoprobe® unit. Drilling services were provided by HydroGeoSpectrum (HGS). Advancement of the soil borings was limited by equipment refusal in dense soils at depths ranging from 12 feet (SV3) to 25 feet bgs (SV4). Groundwater was not encountered during advancement of any of the soil borings.

##### **Former Eastmont Auto**

A total of four exterior soil borings (SV5-SV8) were advanced at the Subject Property in the vicinity of the former Eastmont Auto (*Figure 3*). *Figure 4B, Soil Boring Location Map* shows the locations of the soil borings and the former Eastmont Auto facility. A mobile Geoprobe® unit was used to advance the exterior soil borings. Drilling services were provided by HGS.

The exterior soil borings were advanced to depths ranging from 20 feet to 46 feet bgs. The interior of the auto service bays and hydraulic lifts were inaccessible to drilling equipment due to the presence of miscellaneous equipment storage that occupied most of the interior space. Three soil borings were advanced in close proximity to the entrance to the service bays and hydraulic lifts, and oil/water separator (*Figure 4B*). One soil boring, SV7 *Figure 4B*, was advanced in an accessible location downgradient of the former automotive service facility in an attempt to collect a “grab” groundwater sample. However, groundwater was not encountered during the advancement of boring SV7 to a maximum depth of 46 feet bgs. Groundwater was not encountered during advancement of any of the soil borings.

### 3.2.2 Soil Screening and Sampling Methods

Subsurface soil samples were collected for lithologic descriptions and potential laboratory analysis. Soil boring logs with field screening readings are included in Appendix B. Soil samples were collected in polyacetate liners using Geoprobe® patented stop-pin tools, by hydraulic installation. Soil samples were collected from discreet depth intervals, typically three feet or five feet below ground surface (bgs) and at five to ten-foot intervals to the termination depth of the soil borings.

The sampling equipment was decontaminated with a water and alconox solution prior to each sampling event. Each of the soil samples was placed into sealed polyethylene bags for approximately 10 minutes and headspace measurements of the soil samples were made in the field for VOCs using the PID instrument. The PID readings should not be interpreted as exact measurements but as useful indications of relative VOC levels in the vapor headspace of soil samples. No detectable VOCs were identified in any of the soil samples screened with the PID.

### 3.2.3 Soil Vapor Sampling Methods

On December 9, 2004, EBI monitored the installation of soil vapor probes by HGS in three of the four soil borings advanced at the dry cleaners. Two vapor probes were installed in soil boring SV1 at 7 and 17 feet bgs, respectively, and one vapor probe was installed in soil borings SV2 (5 feet bgs) and SV3 (11 feet bgs). Field vapor sample collection from all soil vapor probes was conducted by HGS on December 10, 2004, approximately 24-hours following installation of the vapor probes.

All soil vapor probes were installed by the same methodology following recovery of the soil samples from each boring. A polyethylene tubing (1/4 inch) equipped with an anchor was inserted into the open annulus of the borehole. A small amount of coarse sand was placed into the borehole annulus so as to form a permeable sand pack at depth. The hole was then grouted to the next shallow depth with bentonite slurry formed *in situ* from granular bentonite. A second length of color-coded polyethylene tubing was then inserted to depth, the process was repeated, and the hole then grouted to the surface.

The polyethylene tubing for each soil vapor probe extended to the surface and was connected to a glass-sampling bulb fitted with Teflon stopcocks and a viton rubber sampling port. This bulb was then connected in turn to a vacuum gauge, flowmeter, and portable sampling pump. Initially both stopcocks were closed, and the absence of flow and the presence of a slight vacuum noted. This demonstrated that the sampling train on the far end of the bulb was leak-tight. The first stopcock (pump end) was opened; the absence of flow demonstrates that the sampling bulb itself was leak-tight. The ground end of the bulb was then opened, and a flow of 150 ml/min was maintained for seven to ten purge volumes. During the sampling an open container containing a pentane-soaked kimwipe was exposed to the sampling train. Any trace of pentane detected in the sample would indicate the intrusion of ambient air into the sampling train, invalidating the results of that sample. No such leaks were detected with any of the samples. The stopcocks were then closed (pump end first), and the sample retained in the container. The bulb containing the vapor sample was then spiked with certain chemicals to be analyzed for sample quality assurance and quality control (QA/QC). The sample containers were then delivered to the mobile laboratory for VOC analysis by GCMS.

### 3.2.4 Laboratory Analytical Methods

The soil samples collected from the dry cleaner were preserved by EPA method 5035. Soil samples were retrieved in polyacetate core liners, subsampled with laboratory supplied coring devices and placed in 40ml VOA vials with preservative, and also placed in laboratory-provided glass jars. The soil samples collected from the Eastmont Auto site were retained in polyacetate core liners or placed in laboratory-provided four-ounce glass jars. Each sample was labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). After collection, the samples were submitted for analyses to Test America of Nashville, Tennessee, a state certified laboratory. The samples collected to address potential impacts from the dry cleaner were analyzed for VOCs via EPA Method 8260. Soil vapor samples were collected and analyzed by HGS. The analysis of the vapor samples for VOCs was performed with gas chromatography and mass spectrometer (GCMS). The samples collected to address potential impacts from the hydraulic lifts and oil/water separator associated with the former Eastmont Auto were analyzed for total petroleum hydrocarbons-diesel range organics and gasoline range organics (TPH/DRO-GRO) and polychlorinated biphenyls (PCBs) via EPA Methods 8015 and 8082.

## 4.0 FINDINGS

### 4.1 Field Observations

In general, soils encountered during boring activities consisted of stiff, Silty CLAY (CH) and moderately stiff SAND (SM) with silt, clay, and some gravel. Groundwater was not encountered to the boring termination depths, which ranged from 12 feet to 46 feet bgs. No staining or discernable odors were detected in any of the soil samples. General soil classifications and field observations are presented on the Soil Boring Logs attached as Appendix B.

### 4.2 Soil Sample Analysis

#### Dry Cleaner

Results of the analysis of the soil samples in the area of the dry cleaner for VOCs via EPA Method 8260 revealed the following:

#### SUMMARY OF DRY CLEANER SOIL ANALYTICAL RESULTS (All Results in µg/kg - ppb)

Sample No.	Sample Depth (ft)	PCE	TCE	VOC
SV1-5	5	237	ND	ND
SV2-5	5	49.6	18.3	ND
SV3-12	12	ND	ND	ND
SV4-25	25	ND	ND	16.6 (methylene chloride)

Notes:

ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Laboratory Method Detection Limit

PCE = tetrachloroethene

TCE = trichloroethene

VOC = volatile organic compounds

Methylene chloride is a common laboratory introduced artifact

Results of the analysis of the soil samples collected to address potential impacts from the on-site dry cleaner revealed tetrachloroethene or PCE at concentrations ranging from 49.6 (SV2-5) to 237 (SV1-5) parts per billion (ppb) and trichloroethene or TCE 18.3 ppb (SV2-5). These concentrations are below the Environmental Screening Levels (ESLs) of 250 ppb (PCE) and 730 ppb (TCE) for shallow soils and Commercial/Industrial Land Use. The ESLs (revised 9/4/03) were prepared by the San Francisco Bay Area Regional Water Quality Control Board (RWQCB). In addition, as indicated in the soil vapor results below, the low concentrations of PCE in soil vapor decreased with depth into the subsurface (SV1-17). A copy of the complete analytical report is included in Appendix C.

### Former Eastmont Auto

Results of the analysis of the soil samples in the area of the former Eastmont Auto for TPH/DRO-GRO and for PCBs via EPA Methods 8015 and 8082 revealed the following:

#### SUMMARY OF EASTMONT SOIL ANALYTICAL RESULTS (All Results in µg/kg - ppb)

Sample No.	Sample Depth (ft)	TPH-DRO	TPH-GRO	PCBs
SV5-10	10	ND	ND	ND
SV6-10	10	ND	ND	ND
SV6-26	26	ND	ND	ND
SV7-20	20	ND	ND	ND
SV8-10	10	ND	ND	ND

Notes:

ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Laboratory Method Detection Limit

TPH-DRO = Total petroleum hydrocarbons – diesel range organics

TPH-GRO = Total petroleum hydrocarbons – gasoline range organics

PCBs = Polychlorinated biphenyls

Results of the analysis of the soil samples collected to address potential impacts from the hydraulic lifts and oil/water separator associated with the former Eastmont Auto revealed no detectable concentrations of TPH-DRO, TPH-GRO or PCBs. A copy of the complete analytical report is included in Appendix C.

#### 4.3 Soil Vapor Sample Analysis

Results of the analysis of the soil vapor samples collected from the dry cleaner facility for VOCs by GCMS revealed the following:

##### SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS (All Results in µg/L)

Sample No.	Sample Depth (ft)	PCE	VOC
SV1-7	7	19	<0.5
SV1-17	17	3.2	<0.5
SV2-5	5	1.5	<0.5
SV3-11	11	<0.5	<0.5

Notes:

<5 µg/L, laboratory detection limit, indicates not detected at or above the lab detection limit

PCE = tetrachloroethene

VOC = volatile organic compounds

Results of the analysis of the soil vapor samples collected during the investigation revealed low concentrations of PCE in three of the four vapor samples analyzed for VOCs. The remaining vapor sample was non-detect for VOCs, including PCE. The concentrations of PCE ranged from 1.5 to 19 µg/L. The highest reported concentrations of PCE in soil vapor, 19 µg/L was reported from interior soil boring SV1 located in the area of the dry cleaning machine. The complete soil vapor analytical report is presented in Appendix D.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

### **Dry Cleaner**

The results of the Limited Subsurface Investigation revealed low concentrations of dry cleaning solvent PCE (49.6 to 237 ppb) and TCE (18.3 ppb) in shallow subsurface soil collected from soil borings advanced adjacent to the dry cleaning unit. These concentrations are less than the regulatory screening concentrations, SF-RWQCB ESLs for PCE (250 ppb) and TCE (730 ppb). No VOCs were detected in soil samples collected from the remaining two soil borings advanced at the dry cleaner facility. Trace concentrations of PCE were reported in soil vapor collected from interior borings SV1 (19 µg/L at 7 feet and 3.2 µg/L at 17 feet) and SV2 (1.5 µg/L at 5 feet). The concentration of PCE in soil vapor decreased in concentration with depth into the subsurface at boring location SV1. No VOCs were detected in soil vapor collected from 11 feet bgs in soil boring SV3. There are currently no remedial standards to soil vapor concentrations in California. However, the concentrations of PCE reported in soil vapor are low and significantly less the average concentrations observed at dry cleaning establishments with known releases. Groundwater was not encountered during this assessment and groundwater apparently occurs at some depth in excess of 45 feet bgs, based on the maximum depth of investigation.

Based on these results, EBI is of the opinion that evidence of a significant release at the Subject Property dry cleaner was not identified; therefore, no further intrusive investigations are recommended at this time.

However, as indicated in the Phase I ESA Report (EBI Project #24-2778A), EBI recommends repairing the floor cracks and the installation of secondary containment beneath the dry cleaning unit and waste storage drums. Secondary containment will reduce the potential for an accidental release of dry cleaning solvent to migrate into the subsurface and adversely impact the Subject Property.

### **Former Eastmont Auto**

Results of the analysis of the soil samples collected to address potential impacts from the hydraulic lifts and oil/water separator associated with the former Eastmont Auto revealed no detectable concentrations of TPH-DRO, TPH-GRO or PCBs. Based on these results, EBI is of the opinion that no evidence of a significant release at the Subject Property former Eastmont Auto facility was identified; therefore, no further intrusive investigations are recommended at this time.



## 6.0 LIMITATIONS

The purpose of this *Report* is to assist *Countrywide Commercial Real Estate Finance* in its underwriting of a proposed mortgage loan on the Subject Property described herein. *Countrywide Commercial Real Estate Finance* and its affiliates (collectively, “CRF”), its successors and assigns, rating agencies and certain investors involved in the Securitization (as defined below) or other disposition, may use and rely upon this *Report* in connection with a planned securitization involving the loan secured by the Property or a whole loan sale or other disposition of the related loan (collectively, the “Securitization”). CRF, at its option, may elect to include selected information contained in the *Report* in the Offering Memorandum or other disclosure materials relating to the Securitization and the Consultant agrees to cooperate in answering questions by any of the above parties in connection with the Securitization. There are no intended or unintended third party beneficiaries to this *Report*, except as expressly stated herein.

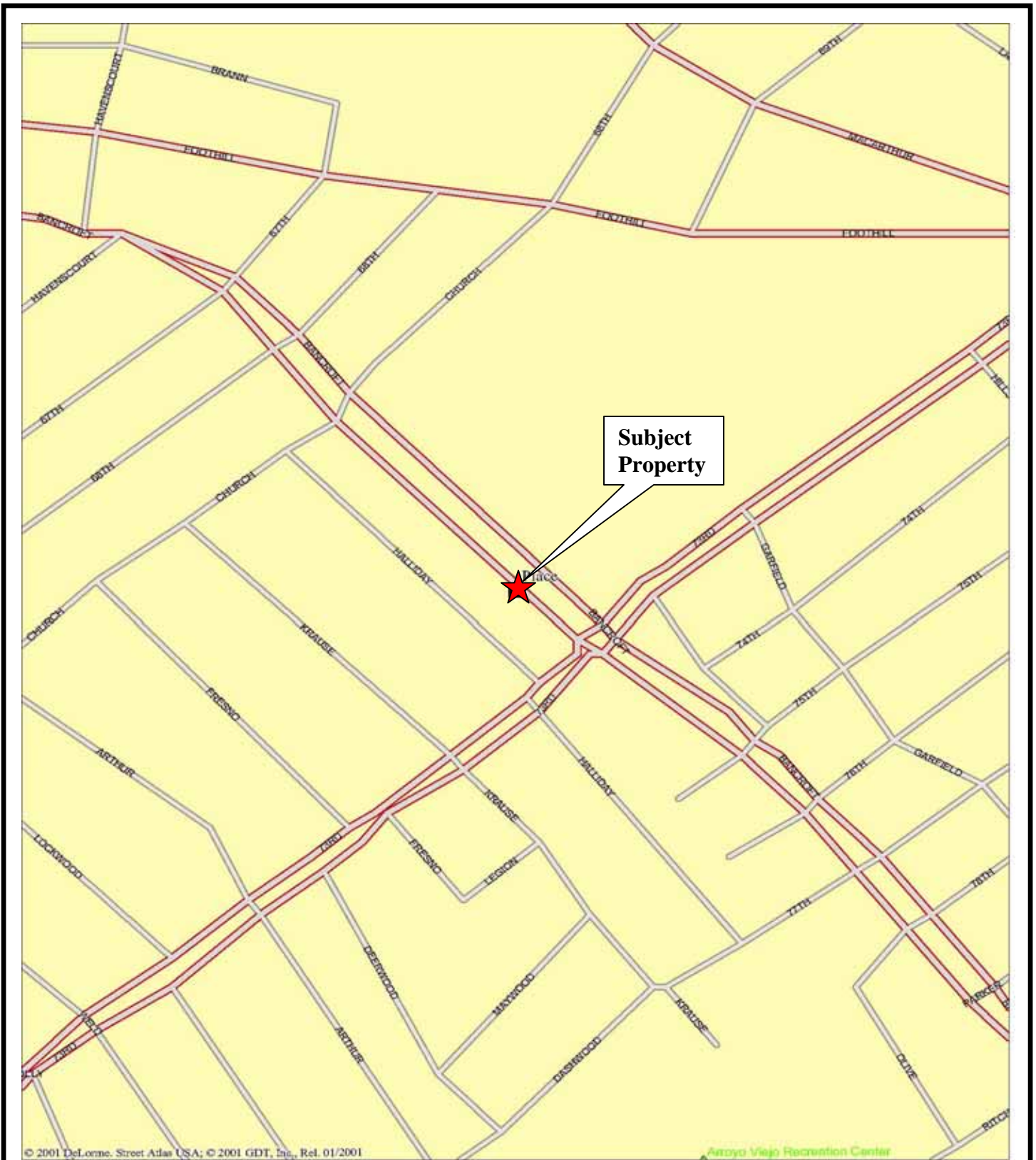
This Phase II Limited Subsurface Investigation was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information obtained by visual inspection of the Subject Property; field notes and data recorded by EBI personnel; soil screening results using a PID; soil analytical data; and information provided by the client and by others. EBI renders no opinion as to the presence of oil and/or hazardous material for which no analyses were conducted and/or at uninspected and/or inaccessible portions of the Subject Property. The observations in this *Report* are valid on the date of the investigation. Therefore, the *Report* should not be relied on to represent conditions at a later date. Any additional information that becomes available concerning the Subject Property should be provided to EBI, so that our conclusions may be revised and modified, if necessary. This *Report* has been prepared in accordance with the terms and conditions provided in our Standard Conditions For Engagement described in Attachment A, which is an integral part of this *Report*. No other warranty, expressed or implied, is made.

## ATTACHMENT A LIMITATIONS

1. The observations described in this *Report* were made under the conditions stated herein. The conclusions presented are based solely upon the services described, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this *Report* was carried out in accordance with terms and conditions in our *Authorization Letter* and *Agreement for Environmental Services* regarding the Site, which are incorporated herein by references.
2. In preparing this *Report*, EBI has relied on certain information provided by state and other referenced parties, and on information contained in the files of federal, state and/or local agencies available to EBI at the time of the assessment. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of these *Environmental Services*.
3. Observations were made of the Site and of structures on the Site as indicated within the *Report*. Where access to portions of the Site or to structures on the Site was unavailable or limited, EBI renders no opinion as to the presence of oil or hazardous materials (OHM) in that portion of the Site or structure. In addition, EBI renders no opinion as to the presence of OHM or the presence of indirect evidence relating to OHM where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces. No representations concerning insulating material is expressed or implied.
4. EBI did not perform testing or analyses to determine the presence or concentration of asbestos, radon, or lead at the Site unless specifically stated otherwise in the *Report*. Similarly, no investigation of dust or air quality was conducted unless specifically stated otherwise in the *Report*.
5. The purpose of this *Report* is to assess the physical characteristics of the Site with respect to the presence of OHM in the environment. No specific attempt was made to determine the compliance of present or past owners or operators of the Site with federal, state, or local laws or regulations (environmental or otherwise).
6. Except as noted in the *Report*, no quantitative laboratory testing was performed as part of the assessment. Where such analyses have been conducted by an outside laboratory, EBI has relied upon the data provided, and has not conducted an independent evaluation of the reliability of this data.
7. Any qualitative or quantitative information regarding the Site, which was not available to EBI at the time of this assessment may result in a modification of the representations made herein.
8. It is acknowledged that EBI judgments shall not be based on scientific or technical test or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by Client. It is acknowledged further that EBI conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services, are not guaranteed to be a representation of actual conditions on the Site, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI shall use that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchant ability and the warranty of fitness for a particular purpose.
9. Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause of causes whatsoever.

# APPENDIX A

## FIGURES

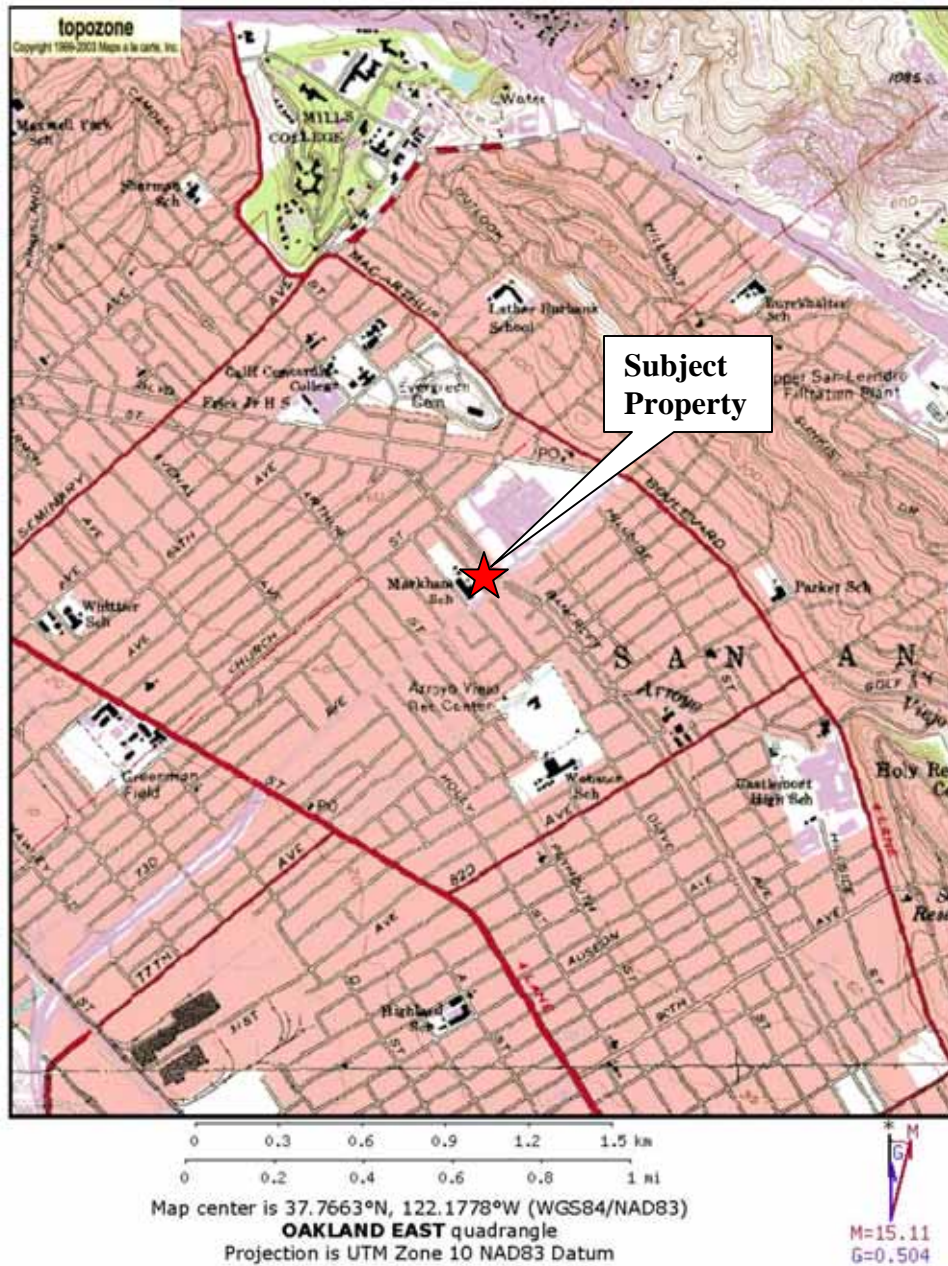


**Figure 1: Location Map**

**24-2778  
EASTMONT TOWN CENTER  
7200 BANCROFT AVENUE  
OAKLAND, CALIFORNIA**







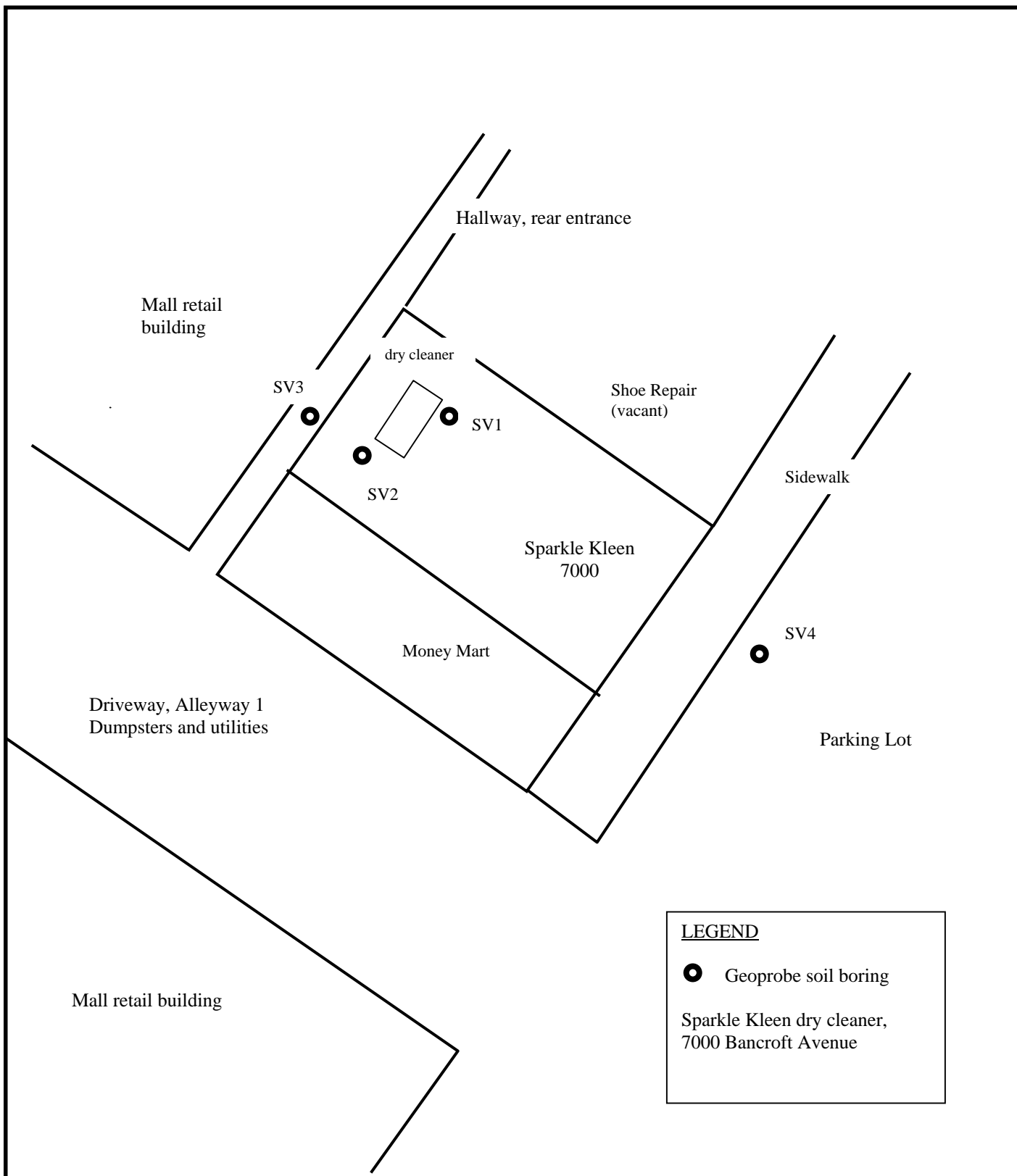
**Figure 2: Locus Map**

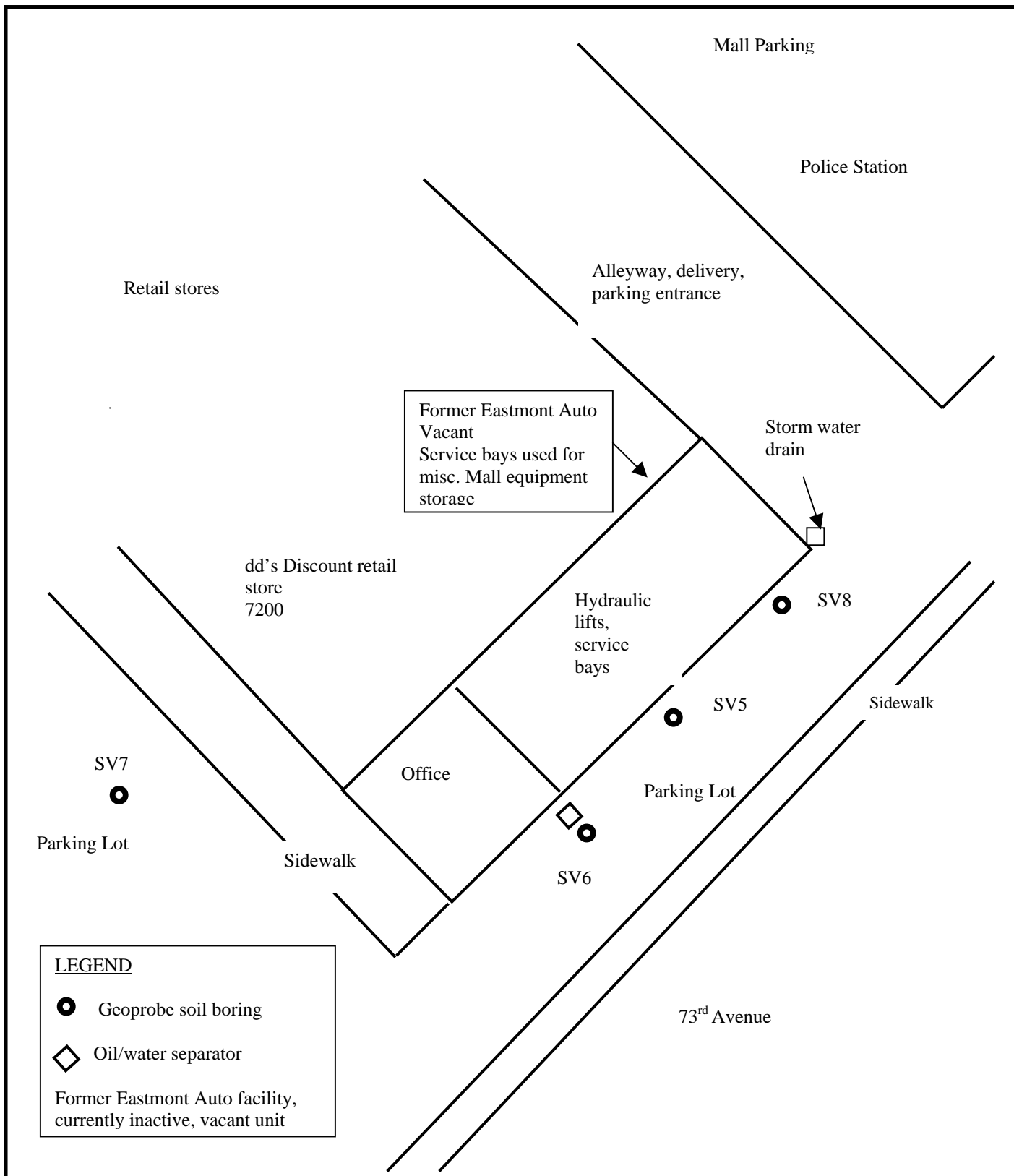
A portion of the Oakland East, CA  
 USGS 7.5x15 Minute Quadrangle Scale 1:24,000

24-2778  
 EASTMONT TOWN CENTER  
 7200 BANCROFT AVENUE  
 OAKLAND, CALIFORNIA









**Figure 4B: Boring Location Map**

**EASTMONT TOWN CENTER  
7200 BANCROFT AVENUE  
OAKLAND, CALIFORNIA  
EBI PROJECT #24-8175**



1 inch = 50 feet



APPENDIX B

SOIL BORING LOGS

SOIL BORING LOG - FIELD READINGS				
EBI Project # 24-8175				
Project NAME: <u>Eastmont Town Center</u>				
BORING METHOD: <u>Geoprobe</u> DATE: <u>December 9-10, 2004</u>				
Sample #	Depth (Ft)	Moisture (H-M-L)	PID Reading	Soil Description
SV1-5	4-6	L	0	Silty CLAY (CL-ML), stiff, brown, no odor
SV1-17	16-17	L	0	Silty CLAY (CL-ML), stiff, brown, no odor, equipment refusal in dense soil
Bottom of Boring at 17', equipment refusal, no groundwater				
SV2-5	4-6	L	0	Silty CLAY (CL-ML), stiff, gray and dark gray, no odor
SV2-19	18-19	L	0	Silty CLAY (CL-ML), stiff/very stiff, brown, no odor, equipment refusal in dense soil
Bottom of Boring at 19', equipment refusal, no groundwater				
SV3-5	4-6	L	0	Silty CLAY (CL-ML), stiff, gray and dark gray, no odor
SV3-12	11-12	M	0	Silty SAND (SM), with clay and some gravel, brown, moderate stiff, no odor, equipment refusal in dense soil
Bottom of Boring at 12', equipment refusal, no groundwater				
SV4-5	4-6	L	0	Silty CLAY (CL-ML), stiff, gray and dark gray, no odor
SV4-10	9-11	L	0	Silty CLAY (CL-ML), stiff, gray and dark gray, no odor
SV4-25	23-25	L	0	Silty SAND (SM), with clay and some gravel, brown, moderate stiff, no odor, equipment refusal in dense soil
Bottom of Boring at 25', equipment refusal, no groundwater				
SV5-10	9-11	L	0	Silty SAND (SM), with clay and some gravel, med/dk brown, moderate stiff, no odor
SV5-25	24-26	L	0	Silty SAND (SM), fine and medium sand with clay and some medium gravel, med/dk brown, moderate stiff, no odor
SV5-35	33-35	NA	NA	No soil sample, attempted to collect groundwater with hydropunch, dry
Bottom of Boring at 35', no groundwater				
SV6-10	9-11	L	0	Silty SAND (SM), with clay and some gravel, med/dk brown, moderate stiff, no odor
SV6-26	24-26	L	0	Silty SAND (SM), fine and medium sand with clay

<b>SOIL BORING LOG - FIELD READINGS</b> <b>EBI Project # 24-8175</b> <b>Project NAME: <u>Eastmont Town Center</u></b> <b>BORING METHOD: <u>Geoprobe</u> DATE: <u>December 9-10, 2004</u></b>				
Sample #	Depth (Ft)	Moisture (H-M-L)	PID Reading	Soil Description
				and some medium gravel, med/dk brown, moderate stiff, no odor
Bottom of Boring at 26', equipment refusal, no groundwater				
SV7-10	9-11	L	0	Silty SAND (SM), with clay and some gravel, med/dk brown, moderate stiff, no odor
SV7-20	19-21	L	0	Silty SAND (SM), with clay and some gravel, med/dk brown, stiff, no odor
SV7-46	44-46	NA	NA	No soil sample, attempted to collect groundwater with hydropunch, dry
Bottom of Boring at 46', equipment refusal, no groundwater				
SV8-5	4-6	L	0	Silty CLAY (CL-ML),very stiff, brown, no odor
SV8-10	9-11	L	0	Silty CLAY (CL-ML),very stiff, brown, no odor
SV8-20	19-20	L	0	Silty SAND (SM), with clay and some gravel, med/dk brown, stiff, no odor
Bottom of Boring at 20', no groundwater				

## APPENDIX C

### SOIL ANALYTICAL LABORATORY REPORT

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Project:  
Project Name: EASTMONT TOWNE CENTER  
Sampler: RICH McKINNEY

Lab Number: 04-A194046  
Sample ID: SV1-5  
Sample Type: Soil  
Site ID:

Date Collected: 12/ 9/04  
Time Collected: 13:00  
Date Received: 12/13/04  
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*VOLATILE ORGANICS*									
**Acetone	ND	mg/kg	0.0601	1	12/15/04	12:43	J. Adams	8260B	8118
**Benzene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Bromobenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**Bromochloromethane	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**Bromoform	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Bromomethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**2-Butanone	ND	mg/kg	0.0601	1	12/15/04	12:43	J. Adams	8260B	8118
**n-Butylbenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**sec-Butylbenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**tert-Butylbenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**Carbon disulfide	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**Carbon tetrachloride	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Chlorobenzene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Chloroethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Chloroform	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Chloromethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**2-Chlorotoluene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**4-Chlorotoluene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00601	1	12/15/04	12:43	J. Adams	8260B	8118
**Dibromochloromethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2-Dibromoethane	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**Dibromomethane	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2-Dichlorobenzene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,3-Dichlorobenzene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,4-Dichlorobenzene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Dichlorodifluoromethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,1-Dichloroethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2-Dichloroethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,1-Dichloroethene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**trans-1,2-Dichloroethene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2-Dichloropropane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118

## ANALYTICAL REPORT

Laboratory Number: 04-A194046  
Sample ID: SV1-5

Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
**1,3-Dichloropropane	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**2,2-Dichloropropane	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,1-Dichloropropene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**cis-1,3-Dichloropropene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**trans-1,3-Dichloropropene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Ethylbenzene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Hexachlorobutadiene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**2-Hexanone	ND	mg/kg	0.0120	1	12/15/04	12:43	J. Adams	8260B	8118
**Isopropylbenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**4-Isopropyltoluene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**4-Methyl-2-pentanone	ND	mg/kg	0.0120	1	12/15/04	12:43	J. Adams	8260B	8118
**Methylene chloride	ND	mg/kg	0.0060	1	12/15/04	12:43	J. Adams	8260B	8118
**Naphthalene	ND	mg/kg	0.00601	1	12/15/04	12:43	J. Adams	8260B	8118
**n-Propylbenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**Styrene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Tetrachloroethene	0.237	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Toluene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2,3-Trichlorobenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2,4-Trichlorobenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,1,1-Trichloroethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,1,2-Trichloroethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Trichloroethene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2,3-Trichloropropane	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**1,2,4-Trimethylbenzene	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**1,3,5-Trimethylbenzene	ND	mg/kg	0.00240	1	12/15/04	12:43	J. Adams	8260B	8118
**Vinyl chloride	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Xylenes (Total)	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Bromodichloromethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
**Trichlorofluoromethane	ND	mg/kg	0.0024	1	12/15/04	12:43	J. Adams	8260B	8118
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	83.2	%			12/13/04	10:14	B.Plett	CLP	5481

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCAd4	111.	72. - 134.
VOA Surr Toluene-d8	106.	76. - 122.

## ANALYTICAL REPORT

Laboratory Number: 04-A194046

Sample ID: SV1-5

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Surrogate	% Recovery	Target Range
-----	-----	-----
VOA Surr, 4-BFB	114.	60. - 138.
VOA Surr, DBFM	102.	75. - 137.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194047

Sample ID: SV2-5

Sample Type: Soil

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/ 9/04

Time Collected: 15:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*VOLATILE ORGANICS*									
**Acetone	ND	mg/kg	0.0600	1	12/15/04	13:14	J. Adams	8260B	8118
**Benzene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Bromobenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**Bromochloromethane	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**Bromoform	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Bromomethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**2-Butanone	ND	mg/kg	0.0600	1	12/15/04	13:14	J. Adams	8260B	8118
**n-Butylbenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**sec-Butylbenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**tert-Butylbenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**Carbon disulfide	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**Carbon tetrachloride	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Chlorobenzene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Chloroethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Chloroform	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Chloromethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**2-Chlorotoluene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**4-Chlorotoluene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00600	1	12/15/04	13:14	J. Adams	8260B	8118
**Dibromochloromethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2-Dibromoethane	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**Dibromomethane	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2-Dichlorobenzene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,3-Dichlorobenzene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,4-Dichlorobenzene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Dichlorodifluoromethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,1-Dichloroethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2-Dichloroethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,1-Dichloroethene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**trans-1,2-Dichloroethene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2-Dichloropropane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118



## ANALYTICAL REPORT

Laboratory Number: 04-A194047  
Sample ID: SV2-5

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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
**1,3-Dichloropropane	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**2,2-Dichloropropane	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,1-Dichloropropene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**cis-1,3-Dichloropropene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**trans-1,3-Dichloropropene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Ethylbenzene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Hexachlorobutadiene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**2-Hexanone	ND	mg/kg	0.0120	1	12/15/04	13:14	J. Adams	8260B	8118
**Isopropylbenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**4-Isopropyltoluene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**4-Methyl-2-pentanone	ND	mg/kg	0.0120	1	12/15/04	13:14	J. Adams	8260B	8118
**Methylene chloride	ND	mg/kg	0.0060	1	12/15/04	13:14	J. Adams	8260B	8118
**Naphthalene	ND	mg/kg	0.00600	1	12/15/04	13:14	J. Adams	8260B	8118
**n-Propylbenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**Styrene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Tetrachloroethene	0.0496	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Toluene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2,3-Trichlorobenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2,4-Trichlorobenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,1,1-Trichloroethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,1,2-Trichloroethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Trichloroethene	0.0183	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2,3-Trichloropropane	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**1,2,4-Trimethylbenzene	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**1,3,5-Trimethylbenzene	ND	mg/kg	0.00240	1	12/15/04	13:14	J. Adams	8260B	8118
**Vinyl chloride	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Xylenes (Total)	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Bromodichloromethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
**Trichlorofluoromethane	ND	mg/kg	0.0024	1	12/15/04	13:14	J. Adams	8260B	8118
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	83.4	%			12/13/04	10:14	B.Plett	CLP	5481

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCAd4	113.	72. - 134.
VOA Surr Toluene-d8	106.	76. - 122.

## ANALYTICAL REPORT

Laboratory Number: 04-A194047  
Sample ID: SV2-5

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Surrogate -----	% Recovery -----	Target Range -----
VOA Surr, 4-BFB	109.	60. - 138.
VOA Surr, DBFM	101.	75. - 137.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194048

Sample ID: SV3-12

Sample Type: Soil

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/ 9/04

Time Collected: 19:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*VOLATILE ORGANICS*									
**Acetone	ND	mg/kg	0.0571	1	12/15/04	13:45	J. Adams	8260B	8118
**Benzene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Bromobenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**Bromochloromethane	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**Bromoform	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Bromomethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**2-Butanone	ND	mg/kg	0.0571	1	12/15/04	13:45	J. Adams	8260B	8118
**n-Butylbenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**sec-Butylbenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**tert-Butylbenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**Carbon disulfide	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**Carbon tetrachloride	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Chlorobenzene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Chloroethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Chloroform	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Chloromethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**2-Chlorotoluene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**4-Chlorotoluene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00571	1	12/15/04	13:45	J. Adams	8260B	8118
**Dibromochloromethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2-Dibromoethane	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**Dibromomethane	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2-Dichlorobenzene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,3-Dichlorobenzene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,4-Dichlorobenzene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Dichlorodifluoromethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,1-Dichloroethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2-Dichloroethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,1-Dichloroethene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**trans-1,2-Dichloroethene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2-Dichloropropane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118

## ANALYTICAL REPORT

Laboratory Number: 04-A194048  
Sample ID: SV3-12

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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
**1,3-Dichloropropane	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**2,2-Dichloropropane	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,1-Dichloropropene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**cis-1,3-Dichloropropene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**trans-1,3-Dichloropropene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Ethylbenzene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Hexachlorobutadiene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**2-Hexanone	ND	mg/kg	0.0114	1	12/15/04	13:45	J. Adams	8260B	8118
**Isopropylbenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**4-Isopropyltoluene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**4-Methyl-2-pentanone	ND	mg/kg	0.0114	1	12/15/04	13:45	J. Adams	8260B	8118
**Methylene chloride	ND	mg/kg	0.0057	1	12/15/04	13:45	J. Adams	8260B	8118
**Naphthalene	ND	mg/kg	0.00571	1	12/15/04	13:45	J. Adams	8260B	8118
**n-Propylbenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**Styrene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Tetrachloroethene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Toluene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2,3-Trichlorobenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2,4-Trichlorobenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,1,1-Trichloroethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,1,2-Trichloroethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Trichloroethene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2,3-Trichloropropane	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**1,2,4-Trimethylbenzene	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**1,3,5-Trimethylbenzene	ND	mg/kg	0.00229	1	12/15/04	13:45	J. Adams	8260B	8118
**Vinyl chloride	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Xylenes (Total)	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Bromodichloromethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
**Trichlorofluoromethane	ND	mg/kg	0.0023	1	12/15/04	13:45	J. Adams	8260B	8118
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	87.5	%			12/13/04	10:14	B.Plett	CLP	5481

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCAd4	114.	72. - 134.
VOA Surr Toluene-d8	103.	76. - 122.

**ANALYTICAL REPORT**

Laboratory Number: 04-A194048  
Sample ID: SV3-12

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Surrogate -----	% Recovery -----	Target Range -----
VOA Surr, 4-BFB	100.	60. - 138.
VOA Surr, DBFM	103.	75. - 137.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194049

Sample ID: SV4-25

Sample Type: Soil

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/10/04

Time Collected: 9:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*VOLATILE ORGANICS*									
**Acetone	ND	mg/kg	0.0579	1	12/15/04	14:16	J. Adams	8260B	8118
**Benzene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Bromobenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**Bromochloromethane	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**Bromoform	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Bromomethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**2-Butanone	ND	mg/kg	0.0579	1	12/15/04	14:16	J. Adams	8260B	8118
**n-Butylbenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**sec-Butylbenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**tert-Butylbenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**Carbon disulfide	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**Carbon tetrachloride	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Chlorobenzene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Chloroethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Chloroform	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Chloromethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**2-Chlorotoluene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**4-Chlorotoluene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00579	1	12/15/04	14:16	J. Adams	8260B	8118
**Dibromochloromethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2-Dibromoethane	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**Dibromomethane	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2-Dichlorobenzene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,3-Dichlorobenzene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,4-Dichlorobenzene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Dichlorodifluoromethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,1-Dichloroethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2-Dichloroethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,1-Dichloroethene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**trans-1,2-Dichloroethene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2-Dichloropropane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118

## ANALYTICAL REPORT

Laboratory Number: 04-A194049

Sample ID: SV4-25

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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
**1,3-Dichloropropane	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**2,2-Dichloropropane	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,1-Dichloropropene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**cis-1,3-Dichloropropene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**trans-1,3-Dichloropropene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Ethylbenzene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Hexachlorobutadiene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**2-Hexanone	ND	mg/kg	0.0116	1	12/15/04	14:16	J. Adams	8260B	8118
**Isopropylbenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**4-Isopropyltoluene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**4-Methyl-2-pentanone	ND	mg/kg	0.0116	1	12/15/04	14:16	J. Adams	8260B	8118
**Methylene chloride	0.0155	mg/kg	0.0058	1	12/15/04	14:16	J. Adams	8260B	8118
**Naphthalene	ND	mg/kg	0.00579	1	12/15/04	14:16	J. Adams	8260B	8118
**n-Propylbenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**Styrene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Tetrachloroethene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Toluene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2,3-Trichlorobenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2,4-Trichlorobenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,1,1-Trichloroethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,1,2-Trichloroethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Trichloroethene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2,3-Trichloropropane	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**1,2,4-Trimethylbenzene	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**1,3,5-Trimethylbenzene	ND	mg/kg	0.00232	1	12/15/04	14:16	J. Adams	8260B	8118
**Vinyl chloride	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Xylenes (Total)	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Bromodichloromethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
**Trichlorofluoromethane	ND	mg/kg	0.0023	1	12/15/04	14:16	J. Adams	8260B	8118
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	86.3	%			12/13/04	10:14	B.Plett	CLP	5481

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCAd4	112.	72. - 134.
VOA Surr Toluene-d8	104.	76. - 122.

## ANALYTICAL REPORT

Laboratory Number: 04-A194049

Sample ID: SV4-25

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Surrogate	% Recovery	Target Range
-----	-----	-----
VOA Surr, 4-BFB	104.	60. - 138.
VOA Surr, DBFM	102.	75. - 137.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

Sample could have been contaminated with Methylene Chloride

from the Prep Lab.

End of Sample Report.



## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194050

Sample ID: SV5-10

Sample Type: Soil

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/10/04

Time Collected: 11:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
**TPH (Gasoline Range)	ND	mg/kg	5.60	1	12/14/04	13:08	J. Redmond	8015B	7052
**TPH (Diesel Range)	ND	mg/kg	11.2	1	12/14/04	17:22	M.Jarrett	8015B	7284
*PESTICIDE/PCB'S/HERBICIDES*									
**Aroclor 1016	ND	mg/kg	0.0186	1	12/16/04	10:35	J. Markham	8082	7626
**Aroclor 1221	ND	mg/kg	0.0373	1	12/16/04	10:35	J. Markham	8082	7626
**Aroclor 1232	ND	mg/kg	0.0186	1	12/16/04	10:35	J. Markham	8082	7626
**Aroclor 1242	ND	mg/kg	0.0186	1	12/16/04	10:35	J. Markham	8082	7626
**Aroclor 1248	ND	mg/kg	0.0186	1	12/16/04	10:35	J. Markham	8082	7626
**Aroclor 1254	ND	mg/kg	0.0186	1	12/16/04	10:35	J. Markham	8082	7626
**Aroclor 1260	ND	mg/kg	0.0186	1	12/16/04	10:35	J. Markham	8082	7626
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	89.3	%			12/13/04	10:14	B.Plett	CLP	5481

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	24.9 gm	1.0 ml	12/14/04		J. Davis	3550
PCB's	29.9 gm	10.0 ml	12/14/04		K. Turner	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	88.	63. - 127.
EPH surr-o-Terphenyl	111.	54. - 136.
pcb surr-TCMX	104.	59. - 125.

## ANALYTICAL REPORT

Laboratory Number: 04-A194050

Sample ID: SV5-10

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Surrogate -----	% Recovery -----	Target Range -----
8082 Surr DCB,s	86.	18. - 111.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194051

Sample ID: SV6-10

Sample Type: Soil

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/10/04

Time Collected: 14:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
**TPH (Gasoline Range)	ND	mg/kg	5.73	1	12/14/04	13:38	J. Redmond	8015B	7052
**TPH (Diesel Range)	ND	mg/kg	11.5	1	12/14/04	17:42	M.Jarrett	8015B	7284
*PESTICIDE/PCB'S/HERBICIDES*									
**Aroclor 1016	ND	mg/kg	0.0190	1	12/16/04	10:58	J. Markham	8082	7626
**Aroclor 1221	ND	mg/kg	0.0381	1	12/16/04	10:58	J. Markham	8082	7626
**Aroclor 1232	ND	mg/kg	0.0190	1	12/16/04	10:58	J. Markham	8082	7626
**Aroclor 1242	ND	mg/kg	0.0190	1	12/16/04	10:58	J. Markham	8082	7626
**Aroclor 1248	ND	mg/kg	0.0190	1	12/16/04	10:58	J. Markham	8082	7626
**Aroclor 1254	ND	mg/kg	0.0190	1	12/16/04	10:58	J. Markham	8082	7626
**Aroclor 1260	ND	mg/kg	0.0190	1	12/16/04	10:58	J. Markham	8082	7626
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	87.3	%			12/13/04	10:21	B.Plett	CLP	5628

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	24.7 gm	1.0 ml	12/14/04		J. Davis	3550
PCB's	30.2 gm	10.0 ml	12/14/04		K. Turner	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	63. - 127.
EPH surr-o-Terphenyl	111.	54. - 136.
pcb surr-TCMX	108.	59. - 125.

## ANALYTICAL REPORT

Laboratory Number: 04-A194051

Sample ID: SV6-10

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Surrogate -----	% Recovery -----	Target Range -----
8082 Surr DCB,s	88.	18. - 111.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194052

Sample ID: SV6-26

Sample Type: Soil

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/10/04

Time Collected: 14:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
**TPH (Gasoline Range)	ND	mg/kg	5.80	1	12/14/04	14:08	J. Redmond	8015B	7052
**TPH (Diesel Range)	ND	mg/kg	11.6	1	12/14/04	18:02	M.Jarrett	8015B	7284
*PESTICIDE/PCB'S/HERBICIDES*									
**Aroclor 1016	ND	mg/kg	0.0193	1	12/16/04	11:21	J. Markham	8082	7626
**Aroclor 1221	ND	mg/kg	0.0386	1	12/16/04	11:21	J. Markham	8082	7626
**Aroclor 1232	ND	mg/kg	0.0193	1	12/16/04	11:21	J. Markham	8082	7626
**Aroclor 1242	ND	mg/kg	0.0193	1	12/16/04	11:21	J. Markham	8082	7626
**Aroclor 1248	ND	mg/kg	0.0193	1	12/16/04	11:21	J. Markham	8082	7626
**Aroclor 1254	ND	mg/kg	0.0193	1	12/16/04	11:21	J. Markham	8082	7626
**Aroclor 1260	ND	mg/kg	0.0193	1	12/16/04	11:21	J. Markham	8082	7626
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	86.2	%			12/13/04	10:21	B.Plett	CLP	5628

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	24.8 gm	1.0 ml	12/14/04		J. Davis	3550
PCB's	29.6 gm	10.0 ml	12/14/04		K. Turner	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	63. - 127.
EPH surr-o-Terphenyl	110.	54. - 136.
pcb surr-TCMX	106.	59. - 125.

## ANALYTICAL REPORT

Laboratory Number: 04-A194052  
Sample ID: SV6-26

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Surrogate -----	% Recovery -----	Target Range -----
8082 Surr DCB,s	88.	18. - 111.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194053

Sample ID: SV7-20

Sample Type: Soil

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/10/04

Time Collected: 15:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
**TPH (Gasoline Range)	ND	mg/kg	5.71	1	12/14/04	14:38	J. Redmond	8015B	7052
**TPH (Diesel Range)	ND	mg/kg	11.4	1	12/14/04	18:22	M.Jarrett	8015B	7284
*PESTICIDE/PCB'S/HERBICIDES*									
**Aroclor 1016	ND	mg/kg	0.0190	1	12/16/04	11:44	J. Markham	8082	7626
**Aroclor 1221	ND	mg/kg	0.0381	1	12/16/04	11:44	J. Markham	8082	7626
**Aroclor 1232	ND	mg/kg	0.0190	1	12/16/04	11:44	J. Markham	8082	7626
**Aroclor 1242	ND	mg/kg	0.0190	1	12/16/04	11:44	J. Markham	8082	7626
**Aroclor 1248	ND	mg/kg	0.0190	1	12/16/04	11:44	J. Markham	8082	7626
**Aroclor 1254	ND	mg/kg	0.0190	1	12/16/04	11:44	J. Markham	8082	7626
**Aroclor 1260	ND	mg/kg	0.0190	1	12/16/04	11:44	J. Markham	8082	7626
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	87.5	%			12/13/04	10:21	B.Plett	CLP	5628

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	24.6 gm	1.0 ml	12/14/04		J. Davis	3550
PCB's	30.0 gm	10.0 ml	12/14/04		K. Turner	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	63. - 127.
EPH surr-o-Terphenyl	102.	54. - 136.
pcb surr-TCMX	106.	59. - 125.

**ANALYTICAL REPORT**

Laboratory Number: 04-A194053  
Sample ID: SV7-20

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Surrogate -----	% Recovery -----	Target Range -----
8082 Surr DCB,s	88.	18. - 111.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

EBI CONSULTANTS 10966  
FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194054  
Sample ID: SV8-10  
Sample Type: Soil  
Site ID:

Project:  
Project Name: EASTMONT TOWNE CENTER  
Sampler: RICH McKINNEY

Date Collected: 12/10/04  
Time Collected: 15:00  
Date Received: 12/13/04  
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
**TPH (Gasoline Range)	ND	mg/kg	5.93	1	12/14/04	15:08	J. Redmond	8015B	7052
**TPH (Diesel Range)	ND	mg/kg	11.9	1	12/14/04	18:42	M. Jarrett	8015B	7284
*PESTICIDE/PCB'S/HERBICIDES*									
**Aroclor 1016	ND	mg/kg	0.0197	1	12/16/04	12:08	J. Markham	8082	7626
**Aroclor 1221	ND	mg/kg	0.0395	1	12/16/04	12:08	J. Markham	8082	7626
**Aroclor 1232	ND	mg/kg	0.0197	1	12/16/04	12:08	J. Markham	8082	7626
**Aroclor 1242	ND	mg/kg	0.0197	1	12/16/04	12:08	J. Markham	8082	7626
**Aroclor 1248	ND	mg/kg	0.0197	1	12/16/04	12:08	J. Markham	8082	7626
**Aroclor 1254	ND	mg/kg	0.0197	1	12/16/04	12:08	J. Markham	8082	7626
**Aroclor 1260	ND	mg/kg	0.0197	1	12/16/04	12:08	J. Markham	8082	7626
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	84.3	%			12/13/04	10:21	B. Plett	CLP	5628

### Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.7 gm	1.0 ml	12/14/04		J. Davis	3550
PCB's	29.6 gm	10.0 ml	12/14/04		K. Turner	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	86.	63. - 127.
EPH surr-o-Terphenyl	107.	54. - 136.
pcb surr-TCMX	110.	59. - 125.

## ANALYTICAL REPORT

Laboratory Number: 04-A194054

Sample ID: SV8-10

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Surrogate -----	% Recovery -----	Target Range -----
8082 Surr DCB,s	90.	18. - 111.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

All reported results for metals or Organic analyses have been corrected for dry weight.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A194055

Sample ID: Trip Blank

Sample Type: Water

Site ID:

Project:

Project Name: EASTMONT TOWNE CENTER

Sampler: RICH McKINNEY

Date Collected: 12/10/04

Time Collected: 15:00

Date Received: 12/13/04

Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*VOLATILE ORGANICS*									
**Acetone	ND	mg/l	0.0500	1	12/15/04	8:34	C. Spry	8260B	7850
**Benzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Bromobenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Bromochloromethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Bromoform	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Bromomethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**2-Butanone	ND	mg/l	0.0250	1	12/15/04	8:34	C. Spry	8260B	7850
**n-Butylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**sec-Butylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**tert-Butylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Carbon disulfide	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Carbon tetrachloride	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Chlorobenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Chloroethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Chloroform	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Chloromethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**2-Chlorotoluene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**4-Chlorotoluene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1	12/15/04	8:34	C. Spry	8260B	7850
**Dibromochloromethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2-Dibromoethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Dibromomethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2-Dichlorobenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,3-Dichlorobenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,4-Dichlorobenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Dichlorodifluoromethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,1-Dichloroethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2-Dichloroethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,1-Dichloroethene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**cis-1,2-Dichloroethene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**trans-1,2-Dichloroethene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2-Dichloropropane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,3-Dichloropropane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**2,2-Dichloropropane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850

## ANALYTICAL REPORT

Laboratory Number: 04-A194055  
Sample ID: Trip Blank

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Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**1,1-Dichloropropene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**cis-1,3-Dichloropropene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**trans-1,3-Dichloropropene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Ethylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Hexachlorobutadiene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**2-Hexanone	ND	mg/l	0.0100	1	12/15/04	8:34	C. Spry	8260B	7850
**Isopropylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**p-Isopropyltoluene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**4-Methyl-2-pentanone	ND	mg/l	0.0100	1	12/15/04	8:34	C. Spry	8260B	7850
**Methylene chloride	ND	mg/l	0.00250	1	12/15/04	8:34	C. Spry	8260B	7850
**Naphthalene	ND	mg/l	0.00250	1	12/15/04	8:34	C. Spry	8260B	7850
**n-Propylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Styrene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,1,1,2-Tetrachloroethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,1,2,2-Tetrachloroethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Tetrachloroethene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Toluene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2,3-Trichlorobenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2,4-Trichlorobenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,1,1-Trichloroethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,1,2-Trichloroethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Trichloroethene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2,3-Trichloropropane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,2,4-Trimethylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**1,3,5-Trimethylbenzene	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Vinyl chloride	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Xylenes (Total)	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Bromodichloromethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850
**Trichlorofluoromethane	ND	mg/l	0.00050	1	12/15/04	8:34	C. Spry	8260B	7850

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	97.	73. - 127.
VOA Surr Toluene-d8	96.	79. - 113.
VOA Surr, 4-BFB	98.	79. - 125.
VOA Surr, DBFM	96.	75. - 134.

**ANALYTICAL REPORT**

Laboratory Number: 04-A194055  
Sample ID: Trip Blank

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LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

\*\* = NELAC E87358 Certified Analyte

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

Page: 1

Laboratory Receipt Date: 12/13/04

### Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
-----	-----	-----	-----	-----	-----	-----	-----	-----
**UST ANALYSIS**								
TPH (Gasoline Range)	mg/kg	< 5.00	7.65	10.0	76	52. - 150.	7052	04-A194052
TPH (Diesel Range)	mg/kg	< 10.0	35.6	40.0	89	28. - 143.	7284	blank
**VOA PARAMETERS**								
Benzene	mg/l	< 0.00050	0.0572	0.0500	114	62 - 143	7850	193014
Benzene	mg/kg	< 0.0008	0.0515	0.0500	103	53 - 136	8118	blank
Chlorobenzene	mg/l	< 0.00050	0.0560	0.0500	112	63 - 142	7850	193014
Chlorobenzene	mg/kg	< 0.0001	0.0537	0.0500	107	46 - 137	8118	blank
1,1-Dichloroethene	mg/l	< 0.00050	0.0536	0.0500	107	62 - 152	7850	193014
1,1-Dichloroethene	mg/kg	< 0.0006	0.0583	0.0500	117	60 - 138	8118	blank
Toluene	mg/l	< 0.00050	0.0572	0.0500	114	63 - 141	7850	193014
Toluene	mg/kg	< 0.0005	0.0551	0.0500	110	43 - 139	8118	blank
Trichloroethene	mg/l	< 0.00050	0.0579	0.0500	116	62 - 160	7850	193014
Trichloroethene	mg/kg	< 0.0007	0.0541	0.0500	108	49 - 148	8118	blank
Tetrachloroethene	mg/kg	< 0.0008	0.0523	0.0500	105	44 - 142	8118	blank
VOA Surr 1,2-DCA-d4	% Rec				88	73 - 127	7850	
VOA Surr Toluene-d8	% Rec				99	79 - 113	7850	
VOA Surr, 4-BFB	% Rec				85	79 - 125	7850	
VOA Surr, DBFM	% Rec				92	75 - 134	7850	

### Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----
**UST PARAMETERS**						
TPH (Gasoline Range)	mg/kg	7.65	6.21	20.78	39.	7052
TPH (Diesel Range)	mg/kg	35.6	36.2	1.67	51.	7284

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

Page: 2

Laboratory Receipt Date: 12/13/04

### \*\*VOA PARAMETERS\*\*

Benzene	mg/l	0.0572	0.0567	0.88	27.	7850
Chlorobenzene	mg/l	0.0560	0.0562	0.36	28.	7850
1,1-Dichloroethene	mg/l	0.0536	0.0546	1.85	28.	7850
Toluene	mg/l	0.0572	0.0564	1.41	34.	7850
Trichloroethene	mg/l	0.0579	0.0583	0.69	31.	7850
Tetrachloroethene	mg/l	0.0548	0.0548	0.00	27.	7850
VOA Surr 1,2-DCA-d4	% Rec		89.			7850
VOA Surr Toluene-d8	% Rec		99.			7850
VOA Surr, 4-BFB	% Rec		87.			7850
VOA Surr, DBFM	% Rec		93.			7850

### Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----

### \*\*UST PARAMETERS\*\*

TPH (Gasoline Range)	mg/kg	10.0	9.01	90	74 - 127	7052
TPH (Diesel Range)	mg/kg	40.0	35.8	90	54 - 126	7284

### \*\*VOA PARAMETERS\*\*

Acetone	mg/l	0.250	0.314	126	61 - 142	7850
Acetone	mg/kg	0.250	0.286	114	44 - 153	8118
Benzene	mg/l	0.0500	0.0482	96	78 - 123	7850
Benzene	mg/kg	0.0500	0.0516	103	76 - 124	8118
Bromobenzene	mg/l	0.0500	0.0479	96	72 - 125	7850
Bromobenzene	mg/kg	0.0500	0.0547	109	64 - 128	8118
Bromochloromethane	mg/l	0.0500	0.0498	100	70 - 138	7850
Bromochloromethane	mg/kg	0.0500	0.0532	106	70 - 142	8118
Bromoform	mg/l	0.0500	0.0445	89	58 - 131	7850
Bromoform	mg/kg	0.0500	0.0462	92	56 - 138	8118
Bromomethane	mg/l	0.0500	0.0572	114	53 - 169	7850
Bromomethane	mg/kg	0.0500	0.0514	103	38 - 155	8118
2-Butanone	mg/l	0.250	0.273	109	66 - 136	7850
2-Butanone	mg/kg	0.250	0.244	98	59 - 146	8118
n-Butylbenzene	mg/l	0.0500	0.0503	101	65 - 138	7850
n-Butylbenzene	mg/kg	0.0500	0.0524	105	49 - 147	8118
sec-Butylbenzene	mg/l	0.0500	0.0512	102	71 - 134	7850
sec-Butylbenzene	mg/kg	0.0500	0.0575	115	60 - 136	8118
tert-Butylbenzene	mg/l	0.0500	0.0509	102	75 - 132	7850
tert-Butylbenzene	mg/kg	0.0500	0.0578	116	65 - 133	8118

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

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Laboratory Receipt Date: 12/13/04

### Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----
Carbon disulfide	mg/l	0.0500	0.0469	94	75 - 133	7850
Carbon disulfide	mg/kg	0.0500	0.0614	123	68 - 132	8118
Carbon tetrachloride	mg/l	0.0500	0.0467	93	75 - 139	7850
Carbon tetrachloride	mg/kg	0.0500	0.0585	117	68 - 136	8118
Chlorobenzene	mg/l	0.0500	0.0480	96	80 - 123	7850
Chlorobenzene	mg/kg	0.0500	0.0537	107	77 - 123	8118
Chloroethane	mg/l	0.0500	0.0531	106	56 - 152	7850
Chloroethane	mg/kg	0.0500	0.0554	111	51 - 147	8118
Chloroform	mg/l	0.0500	0.0480	96	74 - 127	7850
Chloroform	mg/kg	0.0500	0.0579	116	76 - 126	8118
Chloromethane	mg/l	0.0500	0.0471	94	36 - 155	7850
Chloromethane	mg/kg	0.0500	0.0486	97	42 - 137	8118
2-Chlorotoluene	mg/l	0.0500	0.0477	95	72 - 132	7850
2-Chlorotoluene	mg/kg	0.0500	0.0526	105	61 - 133	8118
4-Chlorotoluene	mg/l	0.0500	0.0503	101	76 - 130	7850
4-Chlorotoluene	mg/kg	0.0500	0.0525	105	55 - 138	8118
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0482	96	62 - 132	7850
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0450	90	49 - 143	8118
Dibromochloromethane	mg/l	0.0500	0.0466	93	72 - 129	7850
Dibromochloromethane	mg/kg	0.0500	0.0571	114	70 - 130	8118
1,2-Dibromoethane	mg/l	0.0500	0.0525	105	72 - 135	7850
1,2-Dibromoethane	mg/kg	0.0500	0.0532	106	59 - 146	8118
Dibromomethane	mg/l	0.0500	0.0489	98	75 - 130	7850
Dibromomethane	mg/kg	0.0500	0.0518	104	69 - 135	8118
1,2-Dichlorobenzene	mg/l	0.0500	0.0494	99	80 - 129	7850
1,2-Dichlorobenzene	mg/kg	0.0500	0.0524	105	76 - 128	8118
1,3-Dichlorobenzene	mg/l	0.0500	0.0496	99	81 - 124	7850
1,3-Dichlorobenzene	mg/kg	0.0500	0.0507	101	69 - 129	8118
1,4-Dichlorobenzene	mg/l	0.0500	0.0467	93	79 - 124	7850
1,4-Dichlorobenzene	mg/kg	0.0500	0.0494	99	68 - 130	8118
Dichlorodifluoromethane	mg/l	0.0500	0.0494	99	34 - 163	7850
Dichlorodifluoromethane	mg/kg	0.0500	0.0541	108	29 - 151	8118
1,1-Dichloroethane	mg/l	0.0500	0.0469	94	76 - 129	7850
1,1-Dichloroethane	mg/kg	0.0500	0.0575	115	75 - 128	8118
1,2-Dichloroethane	mg/l	0.0500	0.0479	96	73 - 130	7850
1,2-Dichloroethane	mg/kg	0.0500	0.0542	108	71 - 129	8118
1,1-Dichloroethene	mg/l	0.0500	0.0471	94	76 - 134	7850
1,1-Dichloroethene	mg/kg	0.0500	0.0601	120	73 - 135	8118



## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

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Laboratory Receipt Date: 12/13/04

### Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----
cis-1,2-Dichloroethene	mg/l	0.0500	0.0480	96	69 - 134	7850
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0571	114	74 - 130	8118
trans-1,2-Dichloroethene	mg/l	0.0500	0.0480	96	70 - 136	7850
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0593	119	72 - 131	8118
1,2-Dichloropropane	mg/l	0.0500	0.0495	99	81 - 126	7850
1,2-Dichloropropane	mg/kg	0.0500	0.0550	110	77 - 127	8118
1,3-Dichloropropane	mg/l	0.0500	0.0488	98	75 - 127	7850
1,3-Dichloropropane	mg/kg	0.0500	0.0537	107	75 - 126	8118
2,2-Dichloropropane	mg/l	0.0500	0.0510	102	42 - 146	7850
2,2-Dichloropropane	mg/kg	0.0500	0.0564	113	59 - 137	8118
1,1-Dichloropropene	mg/l	0.0500	0.0493	99	80 - 127	7850
1,1-Dichloropropene	mg/kg	0.0500	0.0559	112	75 - 132	8118
cis-1,3-Dichloropropene	mg/l	0.0500	0.0530	106	62 - 135	7850
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0560	112	69 - 129	8118
trans-1,3-Dichloropropene	mg/l	0.0500	0.0453	91	59 - 131	7850
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0559	112	67 - 128	8118
Ethylbenzene	mg/l	0.0500	0.0498	100	80 - 124	7850
Ethylbenzene	mg/kg	0.0500	0.0568	114	70 - 128	8118
Hexachlorobutadiene	mg/l	0.0500	0.0496	99	66 - 136	7850
Hexachlorobutadiene	mg/kg	0.0500	0.0457	91	58 - 147	8118
2-Hexanone	mg/l	0.250	0.250	100	66 - 139	7850
2-Hexanone	mg/kg	0.250	0.252	101	55 - 138	8118
Isopropylbenzene	mg/l	0.0500	0.0517	103	81 - 129	7850
Isopropylbenzene	mg/kg	0.0500	0.0583	117	73 - 129	8118
p-Isopropyltoluene	mg/l	0.0500	0.0505	101	73 - 132	7850
4-Isopropyltoluene	mg/kg	0.0500	0.0515	103	63 - 135	8118
4-Methyl-2-pentanone	mg/l	0.250	0.268	107	69 - 138	7850
4-Methyl-2-pentanone	mg/kg	0.250	0.247	99	58 - 140	8118
Methylene chloride	mg/l	0.0500	0.0489	98	73 - 139	7850
Methylene chloride	mg/kg	0.0500	0.0614	123	68 - 136	8118
Naphthalene	mg/l	0.0500	0.0516	103	62 - 144	7850
Naphthalene	mg/kg	0.0500	0.0407	81	59 - 152	8118
n-Propylbenzene	mg/l	0.0500	0.0511	102	72 - 134	7850
n-Propylbenzene	mg/kg	0.0500	0.0562	112	54 - 141	8118
Styrene	mg/l	0.0500	0.0521	104	82 - 129	7850
Styrene	mg/kg	0.0500	0.0525	105	71 - 129	8118
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0468	94	71 - 129	7850
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0530	106	79 - 126	8118

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

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Laboratory Receipt Date: 12/13/04

### Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0472	94	66 - 136	7850
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0506	101	62 - 128	8118
Tetrachloroethene	mg/l	0.0500	0.0489	98	80 - 128	7850
Tetrachloroethene	mg/kg	0.0500	0.0516	103	73 - 134	8118
Toluene	mg/l	0.0500	0.0483	97	77 - 124	7850
Toluene	mg/kg	0.0500	0.0544	109	72 - 125	8118
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0496	99	70 - 134	7850
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0436	87	63 - 156	8118
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0501	100	67 - 137	7850
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0411	82	54 - 154	8118
1,1,1-Trichloroethane	mg/l	0.0500	0.0506	101	76 - 131	7850
1,1,1-Trichloroethane	mg/kg	0.0500	0.0581	116	73 - 131	8118
1,1,2-Trichloroethane	mg/l	0.0500	0.0483	97	79 - 123	7850
1,1,2-Trichloroethane	mg/kg	0.0500	0.0511	102	73 - 125	8118
Trichloroethene	mg/l	0.0500	0.0492	98	78 - 140	7850
Trichloroethene	mg/kg	0.0500	0.0590	118	75 - 135	8118
1,2,3-Trichloropropane	mg/l	0.0500	0.0456	91	57 - 134	7850
1,2,3-Trichloropropane	mg/kg	0.0500	0.0477	95	53 - 135	8118
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0505	101	75 - 129	7850
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0530	106	60 - 135	8118
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0510	102	79 - 127	7850
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0540	108	62 - 135	8118
Vinyl chloride	mg/l	0.0500	0.0473	95	53 - 148	7850
Vinyl chloride	mg/kg	0.0500	0.0561	112	53 - 140	8118
Xylenes (Total)	mg/l	0.150	0.154	103	81 - 124	7850
Xylenes (Total)	mg/kg	0.150	0.168	112	71 - 129	8118
Bromodichloromethane	mg/l	0.0500	0.0524	105	79 - 132	7850
Bromodichloromethane	mg/kg	0.0500	0.0579	116	76 - 131	8118
Trichlorofluoromethane	mg/l	0.0500	0.0468	94	53 - 151	7850
Trichlorofluoromethane	mg/kg	0.0500	0.0622	124	57 - 144	8118
VOA Surr 1,2-DCA-d4	% Rec			93	73 - 127	7850
VOA Surr, 1,2-DCAd4	% Rec			100	72 - 134	8118
VOA Surr Toluene-d8	% Rec			96	79 - 113	7850
VOA Surr Toluene-d8	% Rec			106	76 - 122	8118
VOA Surr, 4-BFB	% Rec			97	79 - 125	7850
VOA Surr, 4-BFB	% Rec			105	60 - 138	8118
VOA Surr, DBFM	% Rec			92	75 - 134	7850
VOA Surr, DBFM	% Rec			99	75 - 137	8118

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

Page: 6

Laboratory Receipt Date: 12/13/04

### \*\*PEST/PCB/HERB PARAMETERS\*\*

Aroclor 1242	mg/kg	0.167	0.185	111	76 - 137	7626
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### Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
-----	-----	-----	-----	-----	-----	-----	-----

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----

### \*\*UST PARAMETERS\*\*

TPH (Gasoline Range)	< 0.52	mg/kg	7052	12/14/04	11:11
TPH (Diesel Range)	< 10.0	mg/kg	7284	12/14/04	17:02
UST surr-Trifluorotoluene	89.	% Recovery	7052	12/14/04	11:11
EPH surr-o-Terphenyl	117.	% Recovery	7284	12/14/04	17:02

### \*\*VOA PARAMETERS\*\*

Acetone	< 0.00217	mg/l	7850	12/15/04	8:02
Acetone	< 0.0087	mg/kg	8118	12/15/04	11:41
Benzene	< 0.00025	mg/l	7850	12/15/04	8:02
Benzene	< 0.0008	mg/kg	8118	12/15/04	11:41
Bromobenzene	< 0.00019	mg/l	7850	12/15/04	8:02
Bromobenzene	< 0.00060	mg/kg	8118	12/15/04	11:41
Bromochloromethane	< 0.00039	mg/l	7850	12/15/04	8:02
Bromochloromethane	< 0.00080	mg/kg	8118	12/15/04	11:41
Bromoform	< 0.00017	mg/l	7850	12/15/04	8:02
Bromoform	< 0.0005	mg/kg	8118	12/15/04	11:41
Bromomethane	< 0.00031	mg/l	7850	12/15/04	8:02
Bromomethane	< 0.0013	mg/kg	8118	12/15/04	11:41
2-Butanone	< 0.00336	mg/l	7850	12/15/04	8:02
2-Butanone	< 0.00590	mg/kg	8118	12/15/04	11:41
n-Butylbenzene	< 0.00015	mg/l	7850	12/15/04	8:02
n-Butylbenzene	< 0.00060	mg/kg	8118	12/15/04	11:41
sec-Butylbenzene	< 0.00043	mg/l	7850	12/15/04	8:02
sec-Butylbenzene	< 0.00050	mg/kg	8118	12/15/04	11:41
tert-Butylbenzene	< 0.00035	mg/l	7850	12/15/04	8:02

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

Page: 7

Laboratory Receipt Date: 12/13/04

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
tert-Butylbenzene	< 0.00060	mg/kg	8118	12/15/04	11:41
Carbon disulfide	< 0.00022	mg/l	7850	12/15/04	8:02
Carbon disulfide	< 0.00050	mg/kg	8118	12/15/04	11:41
Carbon tetrachloride	< 0.00035	mg/l	7850	12/15/04	8:02
Carbon tetrachloride	< 0.0010	mg/kg	8118	12/15/04	11:41
Chlorobenzene	< 0.00019	mg/l	7850	12/15/04	8:02
Chlorobenzene	< 0.0001	mg/kg	8118	12/15/04	11:41
Chloroethane	< 0.00024	mg/l	7850	12/15/04	8:02
Chloroethane	< 0.0008	mg/kg	8118	12/15/04	11:41
Chloroform	< 0.00038	mg/l	7850	12/15/04	8:02
Chloroform	< 0.0006	mg/kg	8118	12/15/04	11:41
Chloromethane	< 0.00040	mg/l	7850	12/15/04	8:02
Chloromethane	< 0.0007	mg/kg	8118	12/15/04	11:41
2-Chlorotoluene	< 0.00019	mg/l	7850	12/15/04	8:02
2-Chlorotoluene	< 0.00080	mg/kg	8118	12/15/04	11:41
4-Chlorotoluene	< 0.00020	mg/l	7850	12/15/04	8:02
4-Chlorotoluene	< 0.00090	mg/kg	8118	12/15/04	11:41
1,2-Dibromo-3-chloropropane	< 0.00069	mg/l	7850	12/15/04	8:02
1,2-Dibromo-3-chloropropane	< 0.00100	mg/kg	8118	12/15/04	11:41
Dibromochloromethane	< 0.00029	mg/l	7850	12/15/04	8:02
Dibromochloromethane	< 0.0008	mg/kg	8118	12/15/04	11:41
1,2-Dibromoethane	< 0.00023	mg/l	7850	12/15/04	8:02
1,2-Dibromoethane	< 0.00080	mg/kg	8118	12/15/04	11:41
Dibromomethane	< 0.00038	mg/l	7850	12/15/04	8:02
Dibromomethane	< 0.00100	mg/kg	8118	12/15/04	11:41
1,2-Dichlorobenzene	< 0.00025	mg/l	7850	12/15/04	8:02
1,2-Dichlorobenzene	< 0.0006	mg/kg	8118	12/15/04	11:41
1,3-Dichlorobenzene	< 0.00034	mg/l	7850	12/15/04	8:02
1,3-Dichlorobenzene	< 0.0006	mg/kg	8118	12/15/04	11:41
1,4-Dichlorobenzene	< 0.00033	mg/l	7850	12/15/04	8:02
1,4-Dichlorobenzene	< 0.0007	mg/kg	8118	12/15/04	11:41
Dichlorodifluoromethane	< 0.00020	mg/l	7850	12/15/04	8:02
Dichlorodifluoromethane	< 0.0007	mg/kg	8118	12/15/04	11:41
1,1-Dichloroethane	< 0.00025	mg/l	7850	12/15/04	8:02
1,1-Dichloroethane	< 0.0006	mg/kg	8118	12/15/04	11:41
1,2-Dichloroethane	< 0.00039	mg/l	7850	12/15/04	8:02
1,2-Dichloroethane	< 0.0007	mg/kg	8118	12/15/04	11:41
1,1-Dichloroethene	< 0.00029	mg/l	7850	12/15/04	8:02

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

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Laboratory Receipt Date: 12/13/04

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,1-Dichloroethene	< 0.0006	mg/kg	8118	12/15/04	11:41
cis-1,2-Dichloroethene	< 0.00032	mg/l	7850	12/15/04	8:02
cis-1,2-Dichloroethene	< 0.0007	mg/kg	8118	12/15/04	11:41
trans-1,2-Dichloroethene	< 0.00023	mg/l	7850	12/15/04	8:02
trans-1,2-Dichloroethene	< 0.0008	mg/kg	8118	12/15/04	11:41
1,2-Dichloropropane	< 0.00029	mg/l	7850	12/15/04	8:02
1,2-Dichloropropane	< 0.0007	mg/kg	8118	12/15/04	11:41
1,3-Dichloropropane	< 0.00025	mg/l	7850	12/15/04	8:02
1,3-Dichloropropane	< 0.00060	mg/kg	8118	12/15/04	11:41
2,2-Dichloropropane	< 0.00041	mg/l	7850	12/15/04	8:02
2,2-Dichloropropane	< 0.00050	mg/kg	8118	12/15/04	11:41
1,1-Dichloropropene	< 0.00017	mg/l	7850	12/15/04	8:02
1,1-Dichloropropene	< 0.00070	mg/kg	8118	12/15/04	11:41
cis-1,3-Dichloropropene	< 0.00020	mg/l	7850	12/15/04	8:02
cis-1,3-Dichloropropene	< 0.0005	mg/kg	8118	12/15/04	11:41
trans-1,3-Dichloropropene	< 0.00023	mg/l	7850	12/15/04	8:02
trans-1,3-Dichloropropene	< 0.0006	mg/kg	8118	12/15/04	11:41
Ethylbenzene	< 0.00019	mg/l	7850	12/15/04	8:02
Ethylbenzene	< 0.0005	mg/kg	8118	12/15/04	11:41
Hexachlorobutadiene	< 0.00040	mg/l	7850	12/15/04	8:02
Hexachlorobutadiene	< 0.00080	mg/kg	8118	12/15/04	11:41
2-Hexanone	< 0.00111	mg/l	7850	12/15/04	8:02
2-Hexanone	< 0.00410	mg/kg	8118	12/15/04	11:41
Isopropylbenzene	< 0.00043	mg/l	7850	12/15/04	8:02
Isopropylbenzene	< 0.00060	mg/kg	8118	12/15/04	11:41
p-Isopropyltoluene	< 0.00017	mg/l	7850	12/15/04	8:02
4-Isopropyltoluene	< 0.00060	mg/kg	8118	12/15/04	11:41
4-Methyl-2-pentanone	< 0.00083	mg/l	7850	12/15/04	8:02
4-Methyl-2-pentanone	< 0.00410	mg/kg	8118	12/15/04	11:41
Methylene chloride	< 0.00016	mg/l	7850	12/15/04	8:02
Methylene chloride	< 0.0008	mg/kg	8118	12/15/04	11:41
Naphthalene	< 0.00110	mg/l	7850	12/15/04	8:02
Naphthalene	< 0.00130	mg/kg	8118	12/15/04	11:41
n-Propylbenzene	< 0.00012	mg/l	7850	12/15/04	8:02
n-Propylbenzene	< 0.00050	mg/kg	8118	12/15/04	11:41
Styrene	< 0.00041	mg/l	7850	12/15/04	8:02
Styrene	< 0.00060	mg/kg	8118	12/15/04	11:41
1,1,1,2-Tetrachloroethane	< 0.00022	mg/l	7850	12/15/04	8:02

## PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EASTMONT TOWNE CENTER

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Laboratory Receipt Date: 12/13/04

### Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,1,1,2-Tetrachloroethane	< 0.00080	mg/kg	8118	12/15/04	11:41
1,1,2,2-Tetrachloroethane	< 0.00022	mg/l	7850	12/15/04	8:02
1,1,2,2-Tetrachloroethane	< 0.0006	mg/kg	8118	12/15/04	11:41
Tetrachloroethene	< 0.00022	mg/l	7850	12/15/04	8:02
Tetrachloroethene	< 0.0008	mg/kg	8118	12/15/04	11:41
Toluene	< 0.00017	mg/l	7850	12/15/04	8:02
Toluene	< 0.0005	mg/kg	8118	12/15/04	11:41
1,2,3-Trichlorobenzene	< 0.00029	mg/l	7850	12/15/04	8:02
1,2,3-Trichlorobenzene	< 0.00070	mg/kg	8118	12/15/04	11:41
1,2,4-Trichlorobenzene	< 0.00026	mg/l	7850	12/15/04	8:02
1,2,4-Trichlorobenzene	< 0.00080	mg/kg	8118	12/15/04	11:41
1,1,1-Trichloroethane	< 0.00036	mg/l	7850	12/15/04	8:02
1,1,1-Trichloroethane	< 0.0006	mg/kg	8118	12/15/04	11:41
1,1,2-Trichloroethane	< 0.00022	mg/l	7850	12/15/04	8:02
1,1,2-Trichloroethane	< 0.0007	mg/kg	8118	12/15/04	11:41
Trichloroethene	< 0.00027	mg/l	7850	12/15/04	8:02
Trichloroethene	< 0.0007	mg/kg	8118	12/15/04	11:41
1,2,3-Trichloropropane	< 0.00022	mg/l	7850	12/15/04	8:02
1,2,3-Trichloropropane	< 0.00080	mg/kg	8118	12/15/04	11:41
1,2,4-Trimethylbenzene	< 0.00025	mg/l	7850	12/15/04	8:02
1,2,4-Trimethylbenzene	< 0.0005	mg/kg	8118	12/15/04	11:41
1,3,5-Trimethylbenzene	< 0.00035	mg/l	7850	12/15/04	8:02
1,3,5-Trimethylbenzene	< 0.00050	mg/kg	8118	12/15/04	11:41
Vinyl chloride	< 0.00019	mg/l	7850	12/15/04	8:02
Vinyl chloride	< 0.0007	mg/kg	8118	12/15/04	11:41
Xylenes (Total)	< 0.00033	mg/l	7850	12/15/04	8:02
Xylenes (Total)	< 0.0013	mg/kg	8118	12/15/04	11:41
Bromodichloromethane	< 0.00024	mg/l	7850	12/15/04	8:02
Bromodichloromethane	< 0.0005	mg/kg	8118	12/15/04	11:41
Trichlorofluoromethane	< 0.00012	mg/l	7850	12/15/04	8:02
Trichlorofluoromethane	< 0.0006	mg/kg	8118	12/15/04	11:41
VOA Surr 1,2-DCA-d4	98.	% Rec	7850	12/15/04	8:02
VOA Surr, 1,2-DCAd4	110.	% Rec	8118	12/15/04	11:41
VOA Surr Toluene-d8	97.	% Rec	7850	12/15/04	8:02
VOA Surr Toluene-d8	104.	% Rec	8118	12/15/04	11:41
VOA Surr, 4-BFB	102.	% Rec	7850	12/15/04	8:02
VOA Surr, 4-BFB	105.	% Rec	8118	12/15/04	11:41
VOA Surr, DBFM	94.	% Rec	7850	12/15/04	8:02

**PROJECT QUALITY CONTROL DATA****Project Number:****Project Name: EASTMONT TOWNE CENTER****Page: 10****Laboratory Receipt Date: 12/13/04**

## Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
-----	-----	-----	-----	-----	-----
VOA Surr, DBFM	97.	% Rec	8118	12/15/04	11:41
**PEST/PCB/HERB PARAMETERS**					
Aroclor 1016	< 0.0166	mg/kg	7626	12/16/04	6:19
Aroclor 1221	< 0.0333	mg/kg	7626	12/16/04	6:19
Aroclor 1232	< 0.0166	mg/kg	7626	12/16/04	6:19
Aroclor 1242	< 0.0166	mg/kg	7626	12/16/04	6:19
Aroclor 1248	< 0.0166	mg/kg	7626	12/16/04	6:19
Aroclor 1254	< 0.0166	mg/kg	7626	12/16/04	6:19
Aroclor 1260	< 0.0166	mg/kg	7626	12/16/04	6:19
pcb surr-TCMX	100.	% Rec	7626	12/16/04	6:19
8082 Surr DCB,s	94.	% Rec	7626	12/16/04	6:19

# = Value outside Laboratory historical or method prescribed QC limits.

12/16/04

**EBI CONSULTANTS 10966**

**FOUR A STREET  
BURLINGTON, MA 01803**

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EASTMONT TOWNE CENTER

Project Number: .

Laboratory Project Number: 399919.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Sample Identification	Lab Number	Page 1 Collection Date
-----	-----	-----
SV1-5	04-A194046	12/ 9/04
SV2-5	04-A194047	12/ 9/04
SV3-12	04-A194048	12/ 9/04
SV4-25	04-A194049	12/10/04
SV5-10	04-A194050	12/10/04
SV6-10	04-A194051	12/10/04
SV6-26	04-A194052	12/10/04
SV7-20	04-A194053	12/10/04
SV8-10	04-A194054	12/10/04
Trip Blank	04-A194055	12/10/04



Sample Identification

Lab Number

Collection Date

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These results relate only to the items tested.  
This report shall not be reproduced except in full and with  
permission of the laboratory.

Report Approved By: \_\_\_\_\_

*Roxanne L. Connor*

Report Date: 12/16/04

Johnny A. Mitchell, Lab Director  
Michael H. Dunn, M.S., Technical Director  
Pamela A. Langford, Technical Services  
Eric S. Smith, QA/QC Director  
Sandra McMillin, Technical Services

Gail A. Lage, Technical Services  
Glenn L. Norton, Technical Services  
Kelly S. Comstock, Technical Services  
Roxanne L. Connor, Technical Services  
Mark Hollingsworth, Director of Project

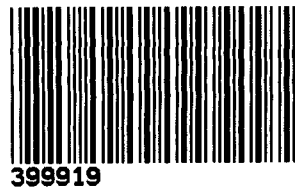
Laboratory Certification Number: 01168CA

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If you have received this material in error, please notify us immediately at 615-726-0177.

Nashville Division

COOLER RECEIPT FORM

BC#



Client Name : E81

Cooler Received/Opened On: 12/13/04 Accessioned By: Mark Beasley

[Signature]  
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 5.8 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...☒NO...NA
  - a. If yes, how many and where: 1/2/3/4 Front Back Side
3. Were custody seals on containers ?..... ☒NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...☒NO...NA
5. Were custody papers inside cooler?..... ☒YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... ☒YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... ☒YES...NO...NA
8. What kind of packing material used? ☒Bubblewrap ☐Peanuts ☐Vermiculite ☐Other ☐None
9. Cooling process: ☒Ice ☐Ice-pack ☐Ice (direct contact) ☐Dry ice ☐Other ☐None
10. Did all containers arrive in good condition ( unbroken)?..... ☒YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... ☒YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... ☒YES...NO...NA
13. Were correct containers used for the analysis requested?..... ☒YES...NO...NA
14. a. Were VOA vials received?..... ☒YES...NO...NA
  - b. Was there any observable head space present in any VOA vial?..... NO...YES...☒NA
15. Was sufficient amount of sample sent in each container?..... ☒YES...NO...NA
16. Were correct preservatives used?..... ☒YES...NO...NA

If not, record standard ID of preservative used here \_\_\_\_\_

17. Was residual chlorine present?..... ☒NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

5053

UPS      Velocity      DHL      Route      Off-street      ☒Fedex      Misc.

19. If a Non-Conformance exists, see attached or comments below:

## ANALYTICAL TESTING CORPORATION

**Phone: 615-726-0177**  
**FAX: 615-726-3404**

**To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?**

## Compliance Monitoring

**Method of Shipment:**

# TestAmerica

ANALYTICAL TESTING CORPORATION

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204  
Phone: 615-726-0177  
Fax: 615-726-3404

## 399919

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring Yes

Client Name: EBI CONSULTING Client #:

Address: Fair A STREET

City/State/Zip Code: BIRMINGHAM MA

Project Manager: Rich McKinney

Telephone Number: 661-871-2281 Fax: same

Sampler Name: (Print Name) Rich McKinney EBI CONSULTING

Sampler Signature: [Signature] can

Quote #: PO#:

Project Name: Eastman Town Center

Stell location ID: CHL1000 State: CT

Report To: EBI

Invoice To: EBI

TAT ☒ Standard ☐ Rush (surcharges may apply)

Date Needed: 12-16-04

Fax Results: ☒ Y ☐ N

Estimate

SAMPLE ID Date Sampled Time Sampled G = Grab, C = Composite Field Filtered

SV6-10 12-10-04 10:15 G SL - Sludge DW - Drinking Water

SV6-20 52 10:15 G GW - Groundwater S - Soil/Solid

SV7-20 53 10:15 G WW - Wastewater Specify Other

SV8-10 54 10:15 G HNO<sub>3</sub>

SV8-20 10:15 G HCl

Tip Blank 194055 10:15 G NaOH

H<sub>2</sub>SO<sub>4</sub>

Methanol

None

Other (Specify)

TPH-GRD

TPH-DRD

PCBS

REMARKS

QC Deliverables

None

Level 2

Level 3

Level 4

Other:

Special Instructions: pg 2/2

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

Relinquished By: [Signature] Date: 12-16-04 Time: 12:00

LABORATORY COMMENTS:

Init Lab Temp:

Rec Lab Temp:

Custody Seals: Y N N/A

Bottles Supplied by Test America: Y N

Method of Shipment:

Method of Shipment:

Method of Shipment:

Method of Shipment:

## APPENDIX D

### SOIL VAPOR ANALYTICAL LABORATORY REPORT

December 12, 2004

Jeff Smith  
EBI Consultants  
6876 Susquehanna Trail South  
York, Pa 17403



Dear Jeff:

Enclosed please find the report on the limited soil vapor investigation performed on December 10-12 at the Eastmont Town Center on 7200 Bancroft Avenue in Oakland, Ca. The report consists of the following sections:

- Technical approach with results and discussion.
- Spreadsheet of Results.
- Data quantitation sheets in LARWQCB format.
- QA/QC in LARWQCB format.
- Chromatograms.

If you have any questions or additional requirements, please do not hesitate to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Raphe Pavlick", is written over a horizontal line.

Raphe Pavlick  
Director

cc: Rich McKinney

## SOIL VAPOR TECHNICAL APPROACH

Soil samples were taken into polyacetate liners using Geoprobe patented stop-pin utilizing the *MeisterProbe* hydraulic installation system (a modified version of *Geoprobe*). After the soil samples were recovered, polyethylene tubing (1/4 inch) equipped with an *anchor* is inserted into the open annulus. A small amount of coarse sand is allowed to flow through the inside of the steel pipe so as to form a permeable sand pack at depth. The hole is then grouted to the next shallow depth with bentonite slurry formed *in situ* from granular bentonite. A second length of color-coded polyethylene tubing is inserted to depth, the process repeated, and the hole is then grouted to the surface. Three interior locations were installed using a limited access machine, the *KlosetProbe*; the only difference in technique is that one-inch steel tubing, rather than 1 1/4 inch, is used to advance the probes. The polyethylene tubing is connected to the sampling train, and soil vapor sampling is initiated. The tubing exiting the surface of the ground is connected to a glass sampling bulb fitted with Teflon stopcocks and a viton rubber sampling port. This bulb is connected in turn to a vacuum gauge, flowmeter, and portable sampling pump. Initially both stopcocks are closed, and the absence of flow and the presence of a slight vacuum is noted. This demonstrates that the sampling train on the far end of the bulb is leak-tight. Then the first stopcock (pump end) is opened; the absence of flow demonstrates that the sampling bulb itself is leaktight. The ground end of the bulb is then opened, and a flow of 150-200 ml/min is maintained for seven to ten purge volumes. During the sampling a leak-check compound such as isobutane is placed near and around the sample train. Any trace of this compound detected in the sample indicates the intrusion of ambient air into the sampling train, invalidating the results of that sample. No such leaks were detected with any of the samples. The stopcocks were then closed (pump end first), and the sample retained in the container. Approximately 25 NG each of deuterio-chloroform, deuterio-methylene chloride, deuterio-acetone, deuterio-toluene and deuterio-benzene were added through the septum into the bulb. The recovery of these isotopically-labeled surrogate compounds demonstrates that the bulbs have remained leak-free up until the actual analysis. A recovery of 90% for the deuterated-benzene, deuterio-methylene chloride, deuterated toluene and the deuterated chloroform is desirable; a recovery of less than 75% requires reinjection, resampling or may *qualify* the sample results. The deuterated acetone is added as a measure of water vapor in the sampling and analysis systems; a recovery of greater than 70% is acceptable, although levels of the water-soluble compounds (ketones) may be affected. In the event that water-soluble related compounds are detected, the deuterated acetone may be used as an internal standard for quantitation. All recoveries during this project were within acceptable range. These bulbs were then delivered to the mobile laboratory for analysis by GCMS.

The analyses of the soil vapor samples proceeded as follows. A 1 ml aliquot of soil vapor was withdrawn from each bulb and injected into a Hewlett-Packard model 6890 gas chromatograph interfaced to a Hewlett-Packard model 5973 mass spectrometer. Chromatography was performed in such a way that the combination of retention times and mass fragmentation allowed for the complete separation of all the target compounds. The mass spec was operated in *full scan* mode between 35 and 350 amu. This allows for the identification of any volatile organic species that may be present in the soil vapor.

The following laboratory QA/QC was performed. An initial five-point calibrations was run on August 27, 2004. A laboratory control standard (LCS) from *Absolute Standards* 8240 mix was run at the end of the same day. The daily standard, run on the sampling days, was made from *Ultra* lot T065. The initial calibration was also run on this standard stock. The surrogate calibration curve was run on Aldrich certified material. All results were within the LAWQCB and HGS requirements.

Two notable additions to the LAWQCB requirements were deemed necessary:

- Five isotopically-labeled surrogates, D2-Methylene Chloride, D6-Benzene, D6-Acetone, D8-Toluene and D-Chloroform, were added to the collection vessel, a 125-ml glass bulb fitted with Teflon stopcocks and a viton rubber septum, to measure recovery percentages. The benzene, toluene, methylene chloride and chloroform surrogates are used to verify the recovery of the BTEX and chlorinated hydrocarbons respectively; a recovery of at least 90% is desired; less than 75% would necessitate reanalysis or resampling, or would *qualify* those data... The deuterated acetone provides a measure of the possible presence of water vapor in the sample and general condition of the chromatographic system in terms of hydration; a recovery of 70% of the acetone surrogate indicates acceptability of the complete sampling and analysis procedure; below this level, water vapor presence in the sampling line should be investigated or chromatographic dehydration procedures should be considered. If ketones, alcohols, or other water soluble compounds are being targeted, the acetone surrogate may serve as an internal standard for their quantitation.
- Pentane, isobutane, isopropanol or other vapor was used to surround the sampling train at the surface to identify possible ambient intrusion into the sampling train or down the outside surface of the sampling tubing connected to the subsurface. In the event a leak-check compound is detected in the sample, a different leak-detecting compound will be used for a repeat sample to eliminate the possibility that the first compound is actually present in the soil vapor itself.



## RESULTS AND DISCUSSION

Low concentrations of tetrachloroethylene (PCE) were found in three of the samples; the nested probe showed a decrease in concentration with depth. The highest concentration was 19 mcg/L, which is below levels normally found in the average dry cleaner.

Target compounds include all those listed in the initial calibration spreadsheet.

Because of differences in rounding philosophies between the Water Board forms (Quattro-Pro) and the spreadsheet (Excel), there may occasionally be a difference in the decimal point of a value. This is not considered significant and should not be a cause of concern.

All QA/QC requirements of *HydroGeoSpectrum* and LARWQCB have been met.

*HydroGeoSpectrum* does not accept any responsibility for other interpretation or utilization of these results.

LOCATION-	Date Sampled	PCE
depth(ft)		µg/L
SV1-7	12-Dec-04	19
SV1-17	12-Dec-04	3.2
SV2-5	12-Dec-04	1.5
SV3-11	12-Dec-04	N

PCE = Tetrachloroethylene

VOC = volatile organic compound

N = &lt; 0.5 µg/L

**DATA**

# SOIL GAS SAMPLE RESULTS

SITE NAME: Oakland/EBI

LAB NAME: HydroGeoSpectrum (HGS)

DATE: 12 DEC 2004

ANALYST: Raphe Pavlick

COLLECTOR: Raphe Pavlick

INSTRUMENT ID 2415A8201

NORMAL INJECTION VOLUME 1 ml

Sample ID:

	SV1	SV2	SV3
	WOA7881-05225	WOA7883-05226	WOA7884-05226
Sampling Depth (ft)	7	-17	-11
Purge Volume (ml)	1800	2400	2100
Vacuum	NO	NO	NO
Sampling Time	1617	1623	1627 S
Injection Time	1532	1547	1625
Injection Volume	1ml	1ml	1ml
Dilution Factor	1	1	1

COMPOUND	DETECTOR	RT	AREA	CONC	RT	AREA	CONC	RT	AREA	CONC
Tetrachloroethene	MS	9.96	109988	19.1	9.94	18487	3.2	9.94	8697	1.5
										NONE DETECTED
Deutero-chloroform	MS	8.01	174867	92%	7.95	166531	88%	8.03	165687	87%
D6-BENZENE	MS	8.43	482809	91%	8.40	455220	86%	8.42	506084	95%
D6-ACETONE	MS	6.91	212651	110%	6.87	203119	106%	6.92	189491	98%
D2-Dichloromethane	MS	6.28	152560	100%	5.86	154012	101%	6.84	164882	108%
D8-TOLUENE	MS	9.55	565540	123%	9.54	471971	102%	9.54	451349	98%

Total Number of Peaks by GCMS: 1 + Surrogates 1 + Surrogates 0 + Surrogates

Unidentified peaks and/or other analytical remarks: UNITS: mcg/L

**QA/QC**

## INITIAL CALIBRATION BY FULL SCAN MASS SPEC

LAB NAME: HydroGeoSpectrum

DATE: 27 August 2004

ANALYST: Raphe Pavlick STD LOT#: ULTRA T065 INSTRUMENT ID: 2415A8201-2

## Calibration Files

500 =WOA7280.D 100 =WOA7281.D 20 =WOA7282.D  
 5 =WOA7283.D 1000 =WOA7279.D =

	Compound	500	100	20	5	1000	Avg	%RSD	AccRge
1)	Vinyl Chloride	4.765	4.068	4.871	6.205	5.619	5.106 E3	16.15	30
2)	Bromomethane	0.828	0.631	1.024	0.798	0.811	0.818 E3	17.04	30
3)	Chloroethane	1.147	1.282	1.556	1.974	1.827	1.557 E3	22.48	30
4)	1,1-Dichloroethene	0.781	0.956	1.124	0.967	0.686	0.903 E4	19.00	20
6)	Methylene Chloride	0.791	0.843	1.004	0.997	0.623	0.852 E4	18.63	20
7)	1,2-Dichloroethene	1.744	2.397	2.170	2.614	2.476	2.280 E4	14.92	20
8)	1,1-Dichloroethane	1.693	2.262	2.145	2.015	1.609	1.945 E4	14.59	20
9)	Chloroform	1.432	1.932	1.897	1.890	1.421	1.714 E4	15.36	20
10)	1,2-Dichloroethane	0.922	0.891	1.021	1.139	1.081	1.011 E4	10.34	20
12)	1,1,1-Trichloroetha	1.036	1.005	1.117	1.515	1.433	1.221 E4	19.34	20
13)	Carbon Tetrachlorid	0.751	0.871	0.893	1.100	1.020	0.927 E4	14.65	20
14)	Benzene	2.059	2.643	3.182	2.288	2.849	2.604 E4	17.09	20
15)	Trichloroethene	0.776	0.818	1.001	1.144	0.854	0.919 E4	16.51	20
16)	1,2-Dichloropropane	1.889	1.962	2.009	2.193	1.609	1.932 E4	11.01	20
17)	Bromodichloromethan	6.915	8.013	8.797	8.084	9.824	8.327 E3	12.90	20
18)	cis-1,3-Dichloropro	0.709	0.814	1.093	0.838	0.973	0.885 E4	16.87	20
19)	trans-1,3-Dichlorop	5.569	4.976	5.782	7.511	6.945	6.157 E3	16.91	20
20)	1,1,2-Trichloroetha	6.214	6.850	8.516	9.797	7.259	7.727 E3	18.51	20
21)	Dibromochloromethan	5.118	5.963	7.377	7.648	8.316	6.884 E3	19.00	20
22)	Bromoform	3.757	3.689	2.647	3.950	3.978	3.604 E3	15.23	20
24)	Toluene	1.744	1.740	2.102	1.960	1.794	1.868 E4	8.48	20
25)	Tetrachloroethene	4.270	5.673	7.189	5.960	5.608	5.740 E3	18.12	20
27)	Chlorobenzene	1.917	2.032	2.677	2.849	1.999	2.295 E4	18.89	20
28)	Ethylbenzene	1.117	1.122	1.492	1.625	1.091	1.289 E4	19.43	20
29)	Xylene (total)	3.875	4.129	5.533	5.549	3.831	4.583 E4	19.24	20
30)	Styrene	2.174	2.327	3.180	3.305	2.400	2.677 E4	19.59	20
31)	1,1,1,2-Tetrachloro	5.306	7.022	6.689	4.836	6.701	6.111 E3	15.92	20
32)	1,1,2,2-Tetrachloro	5.779	5.600	6.681	7.035	6.173	6.254 E3	9.63	20
33)	FREON-11	2.509	2.185	2.532	1.709	2.363	2.260 E3	14.94	30
34) S	Deutero-chloroform		1.901	1.876	1.912		1.896 E3	0.95	25
35)	FREON-12	2.030	2.470	2.172	3.529	3.342	2.709 E3	25.31	30
36)	FREON-113	0.605	0.836	0.622	1.038	0.658	0.752 E4	24.52	30
39) s	D6-BENZENE		5.382	5.339	5.204		5.308 E3	1.75	25
41) S	D6-ACETONE		2.067	1.941	1.768		1.925 E3	7.79	25
42) S	D2-Dichloromethane		1.609	1.652	1.299		1.520 E3	12.68	25
43)	Freon-22	3.969	5.152	5.502	6.891	5.917	5.486 E3	19.49	30
44)	Freon-141B	0.705	1.359	0.878	0.770	0.761	0.894 E4	29.88	30
53) S	D8-TOLUENE		4.582	4.829	4.413		4.608 E3	4.54	25

## Evaluate Initial LCS Report

Data File : C:\HPCHEM\1\DATA\WOA7285.D  
 Acq On : 27 Aug 2004 2:38 pm  
 Sample : LCS 50 ng  
 Misc : INITIAL 27AUG04  
 MS Integration Params: rteint.p

Vial: 1  
 Operator: Raphe HGS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\N082704.M (RTE Integrator)  
 Title : FULL SCAN  
 Last Update : Sun Aug 29 16:26:17 2004  
 Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	AccRge
1	Vinyl Chloride	5.106	5.738	E3 -12.4	20
2	Bromomethane	818.347	855.620	-4.6	20
3	Chloroethane	1.557	1.765	E3 -13.4	20
4	1,1-Dichloroethene	9.026	9.187	E3 -1.8	15
6	Methylene Chloride	8.517	8.334	E3 2.1	15
7	1,2-Dichloroethene (cis)	22.802	22.989	E3 -0.8	15
8	1,1-Dichloroethane	19.447	19.548	E3 -0.5	15
9	Chloroform	17.145	17.499	E3 -2.1	15
10	1,2-Dichloroethane	10.106	11.069	E3 -9.5	15
12	1,1,1-Trichloroethane	12.211	12.904	E3 -5.7	15
13	Carbon Tetrachloride	9.270	9.777	E3 -5.5	15
14	Benzene	26.043	26.350	E3 -1.2	15
15	Trichloroethene	9.188	8.642	E3 5.9	15
16	1,2-Dichloropropane	19.322	19.548	E3 -1.2	15
17	Bromodichloromethane	8.327	7.983	E3 4.1	15
18	cis-1,3-Dichloropropene	8.855	10.039	E3 -13.4	15
19	trans-1,3-Dichloropropene	6.157	5.675	E3 7.8	15
20	1,1,2-Trichloroethane	7.727	7.008	E3 9.3	15
21	Dibromochloromethane	6.884	6.069	E3 11.8	15
24	Toluene	18.678	18.409	E3 1.4	15
25	Tetrachloroethene	5.740	5.820	E3 -1.4	15
27	Chlorobenzene	22.948	21.455	E3 6.5	15
28	Ethylbenzene	12.893	11.927	E3 7.5	15
29	Xylene (total)	45.832	44.683	E3 2.5	15
30	Styrene	26.772	24.030	E3 10.2	15
31	1,1,1,2-Tetrachloroethane	6.111	6.386	E3 -4.5	15
32	1,1,2,2-Tetrachloroethane	6.254	5.723	E3 8.5	15
33	FREON-11	2.260	1.939	E3 14.2	20
35	FREON-12	2.709	2.863	E3 -5.7	20
36	FREON-113	7.520	8.308	E3 -10.5	20
43	Freon-22	5.486	6.290	E3 -14.7	20
44	Freon-141B	8.944	7.645	E3 14.5	20

# Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\WOA7867.D  
 Acq On : 12 Dec 2004 11:17 am  
 Sample : STANDARD 50ng  
 Misc : B1/ET 12DEC04  
 MS Integration Params: rteint.p

Vial: 1  
 Operator: Raphe HGS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\N082704.M (RTE Integrator)  
 Title : FULL SCAN  
 Last Update : Sun Dec 12 11:38:40 2004  
 Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	AccRge
1	Vinyl Chloride	5.106	4.142	E3	18.9 20
2	Bromomethane	818.347	899.020		-9.9 20
3	Chloroethane	1.557	1.308	E3	16.0 20
4	1,1-Dichloroethene	9.026	9.558	E3	-5.9 15
6	Methylene Chloride	8.517	9.618	E3	-12.9 15
7	1,2-Dichloroethene (cis)	22.802	22.634	E3	0.7 15
8	1,1-Dichloroethane	19.447	19.369	E3	0.4 15
9	Chloroform	17.145	15.791	E3	7.9 15
10	1,2-Dichloroethane	10.106	8.743	E3	13.5 15
12	1,1,1-Trichloroethane	12.211	11.733	E3	3.9 15
13	Carbon Tetrachloride	9.270	10.000	E3	-7.9 15
14	Benzene	26.043	23.883	E3	8.3 15
15	Trichloroethene	9.188	7.939	E3	13.6 15
16	1,2-Dichloropropane	19.322	18.689	E3	3.3 15
17	Bromodichloromethane	8.327	7.293	E3	12.4 15
18	cis-1,3-Dichloropropene	8.855	8.805	E3	0.6 15
19	trans-1,3-Dichloropropene	6.157	6.859	E3	-11.4 15
20	1,1,2-Trichloroethane	7.727	7.881	E3	-2.0 15
21	Dibromochloromethane	6.884	6.268	E3	8.9 15
24	Toluene	18.678	16.566	E3	11.3 15
25	Tetrachloroethene	5.740	5.049	E3	12.0 15
27	Chlorobenzene	22.948	20.714	E3	9.7 15
28	Ethylbenzene	12.893	13.064	E3	-1.3 15 \
29	Xylene (total)	45.832	39.412	E3	14.0 15
30	Styrene	26.772	24.283	E3	9.3 15
31	1,1,1,2-Tetrachloroethane	6.111	5.332	E3	12.7 15
32	1,1,2,2-Tetrachloroethane	6.254	5.888	E3	5.9 15
33	FREON-11	2.260	2.367	E3	-4.7 20
35	FREON-12	2.709	2.210	E3	18.4 20
36	FREON-113	7.520	7.907	E3	-5.1 20
43	Freon-22	5.486	4.655	E3	15.1 20



Data File : C:\HPCHEM\1\DATA\WOA7885.D  
 Acq On : 12 Dec 2004 4:40 pm  
 Sample : LCS 50 ng  
 Misc : 12DEC04  
 MS Integration Params: rteint.p

Vial: 1  
 Operator: Raphe HGS  
 Inst : GC/MS Ins  
 Multiplr: 1.00

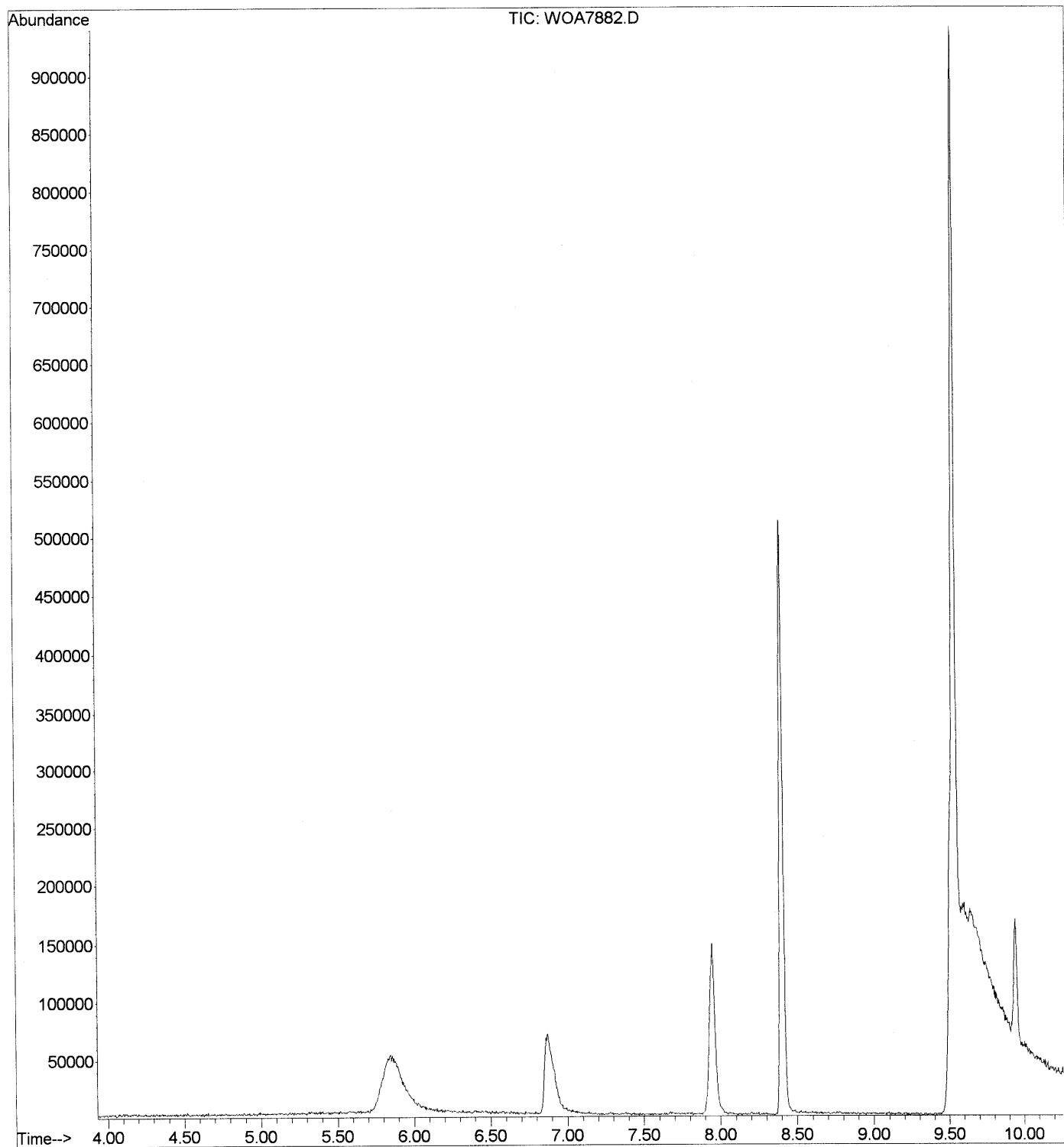
Method : C:\HPCHEM\1\METHODS\N082704.M (RTE Integrator)  
 Title : FULL SCAN  
 Last Update : Sun Dec 12 16:56:39 2004  
 Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

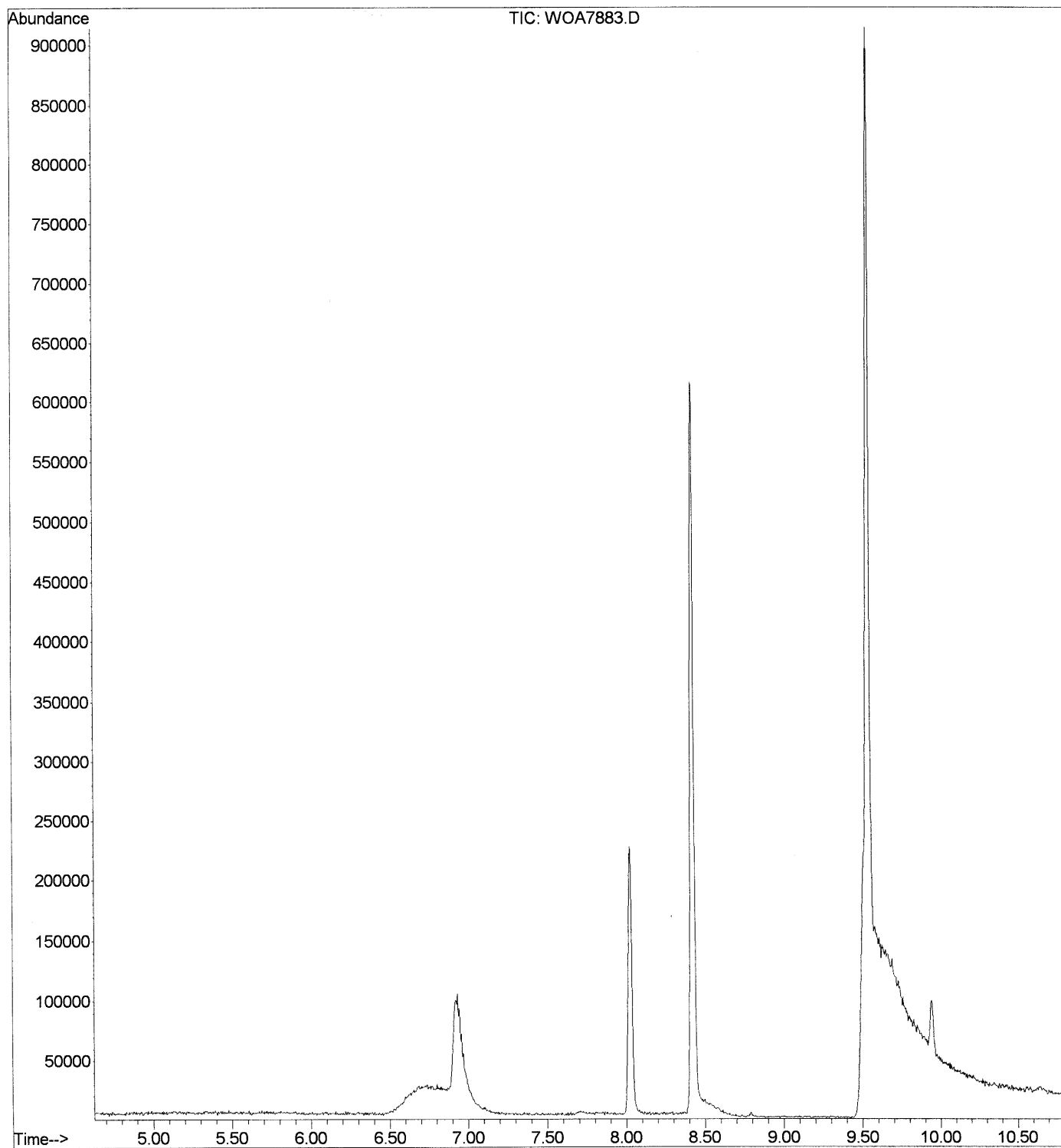
	Compound	AvgRF	CCRF	%Dev	AccRge
1	Vinyl Chloride	5.106	5.479	E3 -7.3	25
2	Bromomethane	818.347	726.940	11.2	25
3	Chloroethane	1.557	1.780	E3 -14.3	25
4	1,1-Dichloroethene	9.026	10.092	E3 -11.8	20
6	Methylene Chloride	8.517	8.581	E3 -0.8	20
7	1,2-Dichloroethene (cis)	22.802	22.723	E3 0.3	20
8	1,1-Dichloroethane	19.447	16.899	E3 13.1	20
9	Chloroform	17.145	17.153	E3 -0.0	20
10	1,2-Dichloroethane	10.106	9.809	E3 2.9	20
12	1,1,1-Trichloroethane	12.211	13.807	E3 -13.1	20
13	Carbon Tetrachloride	9.270	10.767	E3 -16.1	20
14	Benzene	26.043	27.985	E3 -7.5	20
15	Trichloroethene	9.188	7.714	E3 16.0	20
16	1,2-Dichloropropane	19.322	16.808	E3 13.0	20
17	Bromodichloromethane	8.327	7.315	E3 12.2	20
18	cis-1,3-Dichloropropene	8.855	9.513	E3 -7.4	20
19	trans-1,3-Dichloropropene	6.157	6.655	E3 -8.1	20
20	1,1,2-Trichloroethane	7.727	6.888	E3 10.9	20
21	Dibromochloromethane	6.884	5.595	E3 18.7	20
24	Toluene	18.678	17.734	E3 5.1	20
25	Tetrachloroethene	5.740	5.335	E3 7.1	20
27	Chlorobenzene	22.948	20.050	E3 12.6	20
28	Ethylbenzene	12.893	11.124	E3 13.7	20
29	Xylene (total)	45.832	43.373	E3 5.4	20
30	Styrene	26.772	22.551	E3 15.8	20
31	1,1,1,2-Tetrachloroethane	6.111	5.677	E3 7.1	20
32	1,1,2,2-Tetrachloroethane	6.254	5.556	E3 11.2	20
33	FREON-11	2.260	2.397	E3 -6.1	25
35	FREON-12	2.709	2.910	E3 -7.4	25
36	FREON-113	7.520	7.718	E3 -2.6	25
43	Freon-22	5.486	5.536	E3 -0.9	25

# Chromatograms

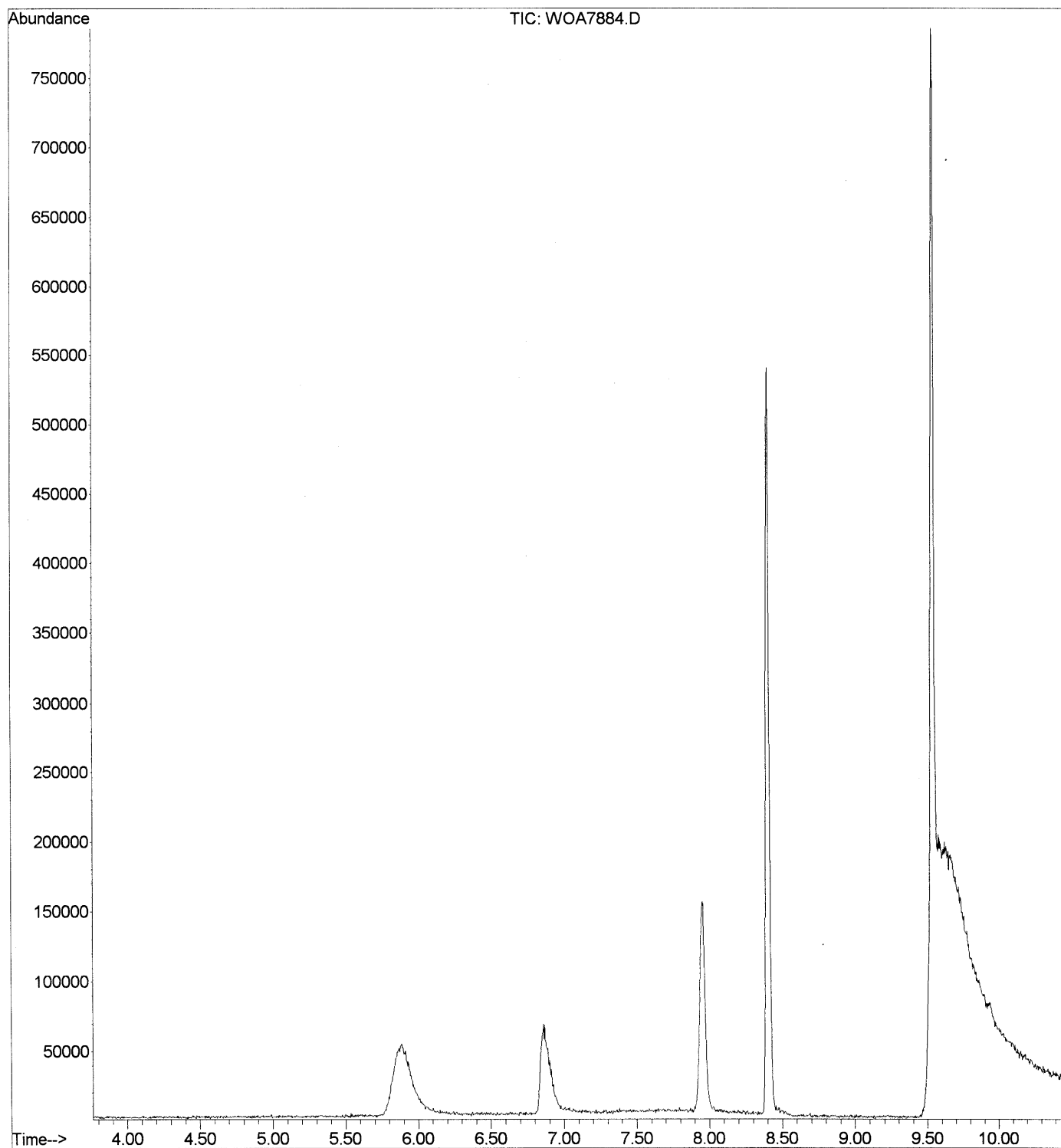
File : C:\HPCHEM\1\DATA\WOA7882.D  
Operator : Raphe HGS  
Acquired : 12 Dec 2004 3:47 pm using AcqMethod N082704  
Instrument : GC/MS Ins  
Sample Name: SV1-052265-17  
Misc Info : Oakland/EMG 12DEC04 1623 T4  
Vial Number: 1



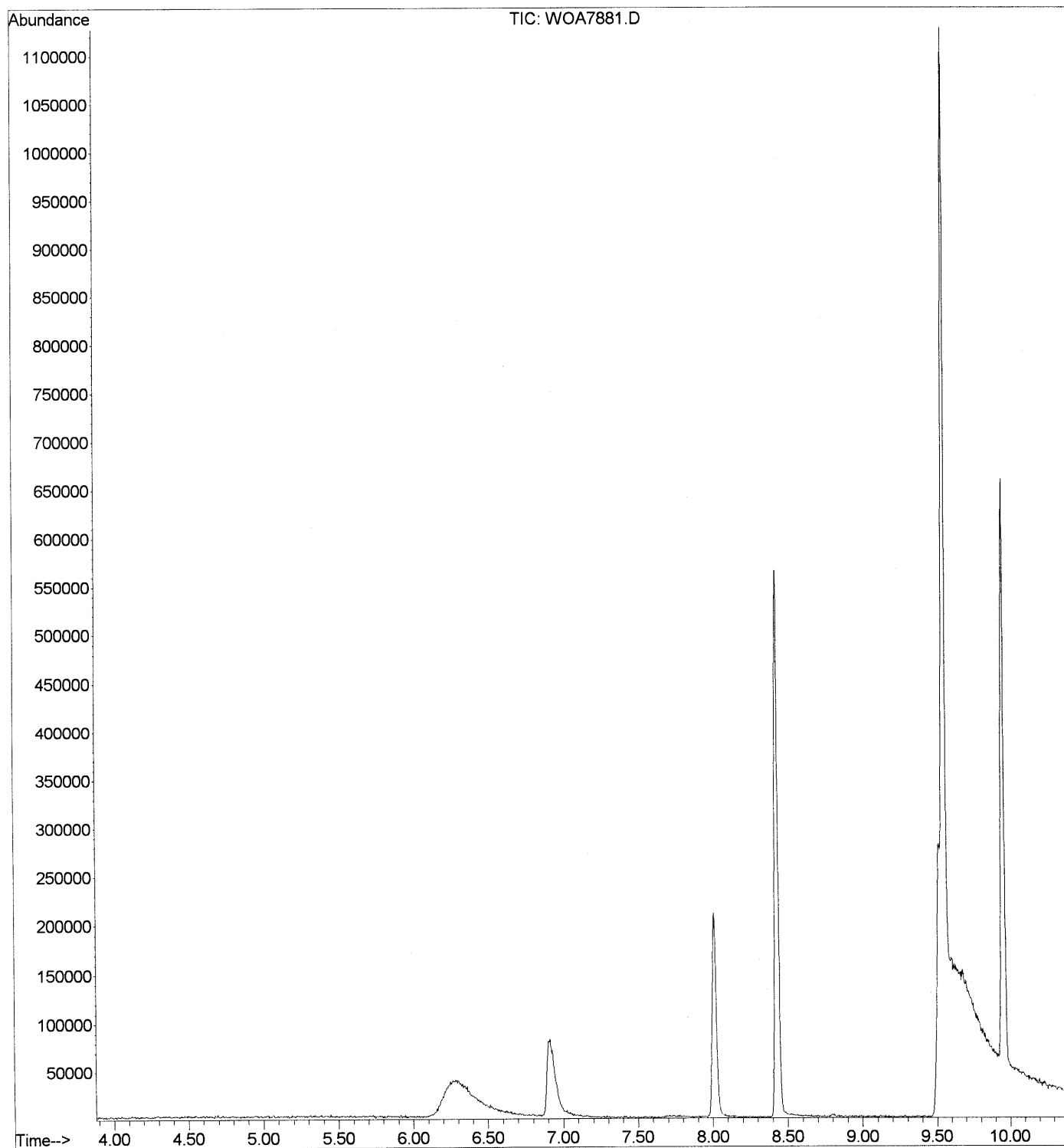
File : C:\HPCHEM\1\DATA\WOA7883.D  
Operator : Raphe HGS  
Acquired : 12 Dec 2004 4:10 pm using AcqMethod N082704  
Instrument : GC/MS Ins  
Sample Name: SV2-052266-5  
Misc Info : Oakland/EMG 12DEC04 1616 N11  
Vial Number: 1



File : C:\HPCHEM\1\DATA\WOA7884.D  
Operator : Raphe HGS  
Acquired : 12 Dec 2004 4:25 pm using AcqMethod N082704  
Instrument : GC/MS Ins  
Sample Name: SV3-052267-11  
Misc Info : Oakland/EMG 12DEC04 1627 S22  
Vial Number: 1



File : C:\HPCHEM\1\DATA\WOA7881.D  
Operator : Raphe HGS  
Acquired : 12 Dec 2004 3:32 pm using AcqMethod N082704  
Instrument : GC/MS Ins  
Sample Name: SV1-05225-7  
Misc Info : Oakland/EMG 12DEC04 1617 A8  
Vial Number: 1





September 9, 2007

**881.060.02.005**

Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Attention: Mr. Jerry Wickham

**Transmittal  
Post-Remediation Report  
Voluntary Soil Remediation  
Sparkle Cleaners  
Eastmont Town Center  
7000 Bancroft Avenue  
Oakland, California  
SLIC Case RO0002942**

Dear Mr. Wickham:

On behalf of SKB-Eastmont Oakland Associates, LLC, attached please find the post-remediation report documenting successful completion of the soil excavation and back-filling activities recently completed at the Sparkle Cleaners dry-cleaning facility. I declare, under penalty of perjury, that the information and/or recommendations contained the attached document or report is true and correct to the best of my knowledge.

We trust that this is the information that you require at this time. Please contact us with any further questions.

Yours very truly,

**PES ENVIRONMENTAL, INC.**

A handwritten signature in blue ink, appearing to read 'William W. Mast', is written over the company name.

William W. Mast, P.G.  
Associate Engineer

cc: Ms. Kathleen Schulz - SKB - Eastmont Oakland Associates, LLC



**PES Environmental, Inc.**  
Engineering & Environmental Services

---

A Report Prepared For:

Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Attention: Mr. Jerry Wickham

**POST-REMEDIATION REPORT  
VOLUNTARY SOIL REMEDIATION  
SPARKLE CLEANERS  
EASTMONT TOWN CENTER  
7000 BANCROFT AVENUE  
OAKLAND, CALIFORNIA**

**SEPTEMBER 9, 2007**

By:

A blue ink signature of Gary Thomas, consisting of stylized cursive letters.

Gary Thomas, P.G.  
Senior Geologist

A blue ink signature of William W. Mast, consisting of stylized cursive letters.

William W. Mast, P.G.  
Associate Engineer



**881.060.02.005**



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**DISTRIBUTION**

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## 1.0 INTRODUCTION

This report has been prepared by PES Environmental, Inc. (PES) on behalf of SKB – Eastmont Oakland Associates, LLC (SKBEOA), the property owner, to document recently completed remedial actions at the Sparkle Cleaners facility (Site) at the Eastmont Town Center shopping mall, 7000 Bancroft Avenue, Oakland, California (Plates 1 and 2). The remedial actions were performed to address soil and groundwater affected by chlorinated volatile organic compounds (VOCs). The site was acquired by SKBEOA from Eastmont Town Center Company, LLC in April 2007.

The purpose of this report is to describe the completed remedial activities, and to document compliance with the site *Remedial Action Workplan* (RAW) dated January 5, 2007 (PES, 2007). The RAW was submitted to Alameda County Environmental Health (ACEH) for review under the terms of the Alameda County Environmental Cleanup Oversight Programs. Approval of the RAW was provided by ACEH staff in a letter dated February 27, 2007 (ACEH, 2007), a copy of which is presented in Appendix A.

This report presents an overview of the RAW-required activities, identifies remedial goals, summarizes field activities conducted in accordance with the RAW, and presents conclusions based upon the completion of the remedial actions. Based on the evaluation of target soil cleanup goals discussed in the RAW, soil remediation was conducted to prevent adverse impacts to human health and reduce the potential for further degradation of groundwater quality.

## 2.0 BACKGROUND INFORMATION

### 2.1 Site Description

The Sparkle Cleaners tenant space (Suite 11) covers approximately 1,800 square feet in the northwest portion of Eastmont Town Center (Plate 2). The area in front (north) of Sparkle Cleaners includes storefront parking and a mall driveway. The rear (south) of the tenant space opens into a common hallway that traverses the width of the building from east to west. An alleyway is located approximately 20 feet to the east.

The ground surface elevation at Sparkle Cleaners is approximately 60 feet above mean seal level (MSL). The topography is relatively level and slopes slightly to the southwest. To the east and northeast of the site, the topography steepens and continues to rise to approximately 360 feet MSL (Plate 1).

In the vicinity of the Site, groundwater was first encountered between approximately 40 and 44 feet below ground surface (bgs) during drilling performed during PES' investigation in November 2006 (PES, 2007). However, the groundwater levels rose relatively quickly in the borings to depths ranging from 23 to 40 feet bgs, suggesting that the aquifer at 40 to 44 feet

bgs is semi-confined or confined. The direction of groundwater flow at the site was previously observed to be westerly<sup>1</sup>, as described below. Groundwater flow at the nearby Union 76 station has been consistently to the north-northeast (Broadbent & Associates, 2006).

## **2.2 Dry-Cleaning Operations**

Historical occupant information indicates that Sparkle Cleaners has operated at the mall since approximately 1970. The current owner of the dry cleaner, Mr. Jung Shin, purchased the facility in approximately 1988. According to Mr. Shin, the current closed-loop dry-cleaning unit (DCU) was purchased in about 1991. He was not familiar with historical dry-cleaning operations conducted by prior owner/operators.

Currently, Sparkle Cleaners operates a tetrachloroethene (PCE)-based DCU located in the east-southeast rear corner of Suite 11. The DCU is a closed-loop dry-to-dry system with a secondary containment pan. Waste condensate, sludge, and filters from the DCU are stored in 55-gallon drums (without containment) and disposed off the site. In addition, the dry-cleaner operator uses spotting liquids containing VOCs at a spotting station located towards the rear of the tenant space.

Stains were observed on the concrete floor surface of the work areas and the floor has no sealant coating. Cracks in the floor slab were observed at several areas. The current Site layout, including the location of the currently operating DCU, the spotting station, and the waste drum storage locations are shown on Plate 3.

In addition to the currently operating DCU, PES identified the location of a former DCU near the south-southeast (rear) wall of the Site (Plate 3). This former DCU location was identified by markings on the floor and from discussions with the current facility operator.

## **2.3 Summary of Previous Remedial Investigations**

Environmental investigations have been conducted at Eastmont Center since the late 1980s. The focus of the early investigations appears to have been related to general characterization of soil and groundwater beneath the site, underground storage tanks at two former auto service centers, and Sparkle Cleaners. ACEH closed the underground storage tank cases at the subject property in letters dated February 10, 1995 and April 16, 1998 (ACEH, 1995; 1998). Details of these historical investigations are provided in the RAW.

As part of SKBEOA's environmental due diligence activities prior to its acquisition of the property, subsurface investigations were conducted by PES to assess soil and groundwater conditions.

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<sup>1</sup> According to an August 27, 1983 Groundwater Gradient Map, contained within an April 16, 1998 Alameda County Health Care Services letter providing case closure for historical underground storage tank sites at the property.

Limited access drilling equipment was used to collect soil gas and soil matrix samples from the interior and exterior of Sparkle Cleaners in October 2006. Interior samples were collected in the vicinity of the current DCU, the former DCU location, chemical waste storage, spotting chemical storage, and the inferred sanitary sewer line. Exterior sampling locations included the parking lot northwest of the dry-cleaning facility and near the utility corridor along the northeast side of the building. A groundwater sample was collected from one of the exterior borings. These sampling locations are shown on Plate 3. PCE, TCE, and cis-1,2-DCE were detected in the majority of the soil gas samples. In addition, PCE was detected in the three interior soil matrix samples near the former DCU (boring locations B-8, B-9 and B-10; Plate 3) at concentrations ranging from 1,400 to 3,000  $\mu\text{g}/\text{kg}$ . No VOCs were detected in the other interior soil matrix samples, the exterior soil matrix samples, or the exterior groundwater sample from location B-3.

Additional investigation was performed in November 2006, to further evaluate the extent of PCE-affected soil and groundwater. Interior drilling locations were sited to assess the lateral and vertical extent of PCE-affected soils associated with elevated concentrations of PCE. Soil matrix samples were collected at depths ranging up to 18 feet bgs. In addition to the interior sampling locations, groundwater samples were collected from four borings located in the parking lot and driveway areas to the northwest and southwest of Sparkle Cleaners. PCE (up to 140  $\mu\text{g}/\text{kg}$ ) and TCE (up to 6.8  $\mu\text{g}/\text{kg}$ ) were detected in the soil samples; no other VOCs were detected. PCE and TCE were also detected in two of the four exterior groundwater grab samples at concentrations ranging up to 40 and 2.4  $\mu\text{g}/\text{L}$ , respectively.

### 3.0 REMEDIAL ACTION OBJECTIVES AND CLEANUP GOALS

The objectives of the remediation are to: (1) remove contaminant source soil with elevated concentrations of VOCs related to dry-cleaning operations; and (2) assess and monitor VOC concentrations in groundwater following removal of the source of contamination.

The target soil cleanup goals were set at the RWQCB's risk-based environmental screening level concentrations for surface soil (less than 3 meters [9.84 feet] bgs) in an industrial/commercial setting. ESL concentrations are provided in the RWQCB's *Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater* (Table A-2, Shallow Soil Screening Levels), dated February 2005 (RWQCB, 2005). The ESLs were developed by the RWQCB to be protective of human health and the environment for potentially complete exposure pathways. As such, the target soil cleanup goals for PCE, TCE, and cis-1,2-DCE (these are the only VOCs detected in the verification samples discussed below) in a commercial/industrial land use setting are 240, 460, and 190  $\mu\text{g}/\text{kg}$ , respectively.

## **4.0 DESCRIPTION OF COMPLETED REMEDIAL ACTIONS**

Soil excavation was conducted within the interior of Sparkles Cleaners to remove soil containing concentrations of PCE above the target soil cleanup concentration.

Remedial activities at the site consisted of: (1) preliminary activities, including preparing Health and Safety Plans (HSPs), conducting an engineering evaluation, and preparing the site for the excavation activities; (2) saw-cutting and removing the concrete floor slab overlying the area of affected soil; (3) excavating soil with PCE concentrations above the target cleanup goal; (4) collecting and analyzing verification soil samples from the excavation bottom and sidewalls to verify the target cleanup concentration was met; (5) collecting and analyzing waste characterization samples of the removed concrete and excavated soil; and (6) backfilling the excavation and replacing the floor slab.

### **4.1 Preliminary Activities**

#### **4.1.1 Permitting and Health and Safety**

DECON Environmental Services, Inc. (DECON), a HAZWOPER-trained contractor from Hayward, California, was retained by SKBEOA to conduct the soil remedial activities. Prior to initiation of site remedial activities, DECON consulted with the City of Oakland Building Department and ACEH to assess whether permits were needed for the proposed excavation activities. According to DECON, permits were not needed from either of these agencies.

Prior to conducting remediation activities, a site-specific HSP was prepared by DECON to comply with 29 CFR 1910.120 and 8 CCR GISO 5192. The HSP addressed identification of hazards, hazard mitigation, safe work practices, and emergency response procedures for the project. Additionally, a HSP was prepared by PES for its personnel and activities to be conducted by PES. Health and safety tailgate meetings were performed prior to work activities in order to familiarize on-site personnel with safety precautions and emergency procedures discussed in the HSP.

Underground Service Alert (USA) was contacted at least 48 hours prior to conducting remediation activities to schedule visits by public and private utility companies. Additionally, DECON contracted with a private underground utility locating company to identify underground utilities within the proposed excavation area.

#### **4.1.2 Engineering Evaluation**

One building foundation footing was present beneath the interior structural support column inside the rear wall of Sparkle Cleaners. The footing was located adjacent to the excavation area, as shown on Plates 3 and 4. This concrete footing measured approximately 5 feet by 5 feet in area, and extended to a depth 4.0 feet bgs. A geotechnical engineering review was conducted to develop recommendations for safe excavation procedures. Treadwell & Rollo,

Inc. (T&R), a geotechnical engineering firm located in Oakland, California, conducted the evaluation and provided recommendations for excavation sequencing that would be protective of the structural integrity of the footing and building. The recommendations were presented in a letter dated June 20, 2007, which is provided in Appendix B. T&R recommended that slot trenching be implemented so that no more than 3 feet of the face of the footing be exposed at any one time, and that the excavations be backfilled with controlled density fill (CDF). T&R was present for excavation and backfilling activities adjacent to the footing. T&R observations during the excavation activities and conclusions regarding implementation of their recommendations were provided in a letter dated July 24, 2007, which is also provided in Appendix B.

#### **4.1.3 Site Preparation**

To protect the staff of the operating dry-cleaning facility, a 4-foot high temporary wood-framed wall was constructed to separate the excavation area from unaffected, active portions of the Sparkle Cleaners. The removal of existing building walls was not necessary to complete the excavation. The area above the temporary wall was covered with plastic sheeting that extended to near the ceiling to protect the unaffected portions of the Sparkle Cleaners from dust and to reduce post-remediation cleaning. In addition, a ventilation system, consisting of blowers with ducting to the building exterior via the rear hallway, was installed. The purpose of the wall and ventilation system was to reduce odors and potential worker/tenant exposure to VOC vapors during excavation activities. The blowers created a negative pressure environment in the excavation and tenant areas with the ventilation system. The ventilation system operated 24 hours per day for the duration of the excavation activities.

#### **4.2 Soil Excavation Activities**

Prior to excavation, the existing 4-inch thick reinforced concrete floor slab overlying the soil removal area was saw-cut, removed, and temporarily stockpiled prior to disposal. Soil excavation activities were conducted by DECON between July 2 and 16, 2007 using hand-held equipment, a mini excavator, and a Bobcat loader. The extent of the excavation is shown on Plate 3.

Based on the results of previous investigations, soil affected with concentrations of PCE in excess of the target cleanup goal was excavated from an area having plan dimensions of approximately 180 square feet to a depth of approximately 5.5 feet bgs (Plates 3 and 4). Soil was evaluated for the presence of VOCs at the time of excavation based on screening using a photoionization detector (PID). The excavation extended laterally to the edges of saw-cut concrete and vertically to an approximate depth of 5.5 feet bgs. Groundwater was not encountered during excavation activities.

In accordance with T&R's recommendations, soil excavation conducted adjacent to the footing consisted of slot trenches, which were oriented perpendicular to the footing (Plate 3). The slots were backfilled by placing controlled density fill (CDF) from the trench bottom up to the building pad subgrade elevation (the elevation of the bottom of the concrete floor slab) before



proceeding to the adjacent slot trench. The CDF was allowed to cure for at least 24 hours prior to excavating an adjacent trench. The soil removal was completed using five excavation areas, as shown on Plate 3.

A total of approximately 37 cubic yards of soil was removed. The excavated soil was placed into plastic-lined roll-off bins and temporarily stored in the parking lot outside of the tenant space pending offsite disposal. A discussion of the analytical results for the soil verification samples is presented in Section 4.3, below.

### **4.3 Verification Soil Sampling**

#### **4.3.1 Methodology**

To confirm that the cleanup goals were achieved, verification soil samples were collected from excavation sidewalls and bottom for laboratory analysis. Sample handling, labeling, documentation and chain of custody procedures were performed as described in the Verification Sampling and Analysis Plan presented in Appendix C of the RAW. The excavation was divided into five cells (A1, A2, B1, B2, B3) to ensure that the number and placement of bottom and sidewall verification samples was sufficient and appropriate.

To collect the verification soil samples, soil was collected from the excavation bottom or sidewall using the bucket of a mini excavator, a hand-held impact sampler, or an Encore® soil sampler pressed directly into fresh soil on the sidewall. An Encore® sampler was also used to collect samples from soil obtained using the mini excavator or hand-held impact sampler.

One sidewall soil sample was collected for approximately every 4 to 7 linear feet of non-excavated sidewall (i.e., sidewall soil to remain in-place). Samples were collected at depths corresponding to areas exhibiting field indications of potential contamination (i.e., the highest PID readings, if any) and at depths where samples from previous investigations indicated contaminants were present. As shown on Plate 4, the sidewalls were given designations of sidewall 1 through sidewall 5. A total of 12 sidewall soil samples were collected at depths ranging from 2 to 4 feet bgs. Sample IDs and locations are summarized in Table 1 and shown graphically on Plate 4. Two sidewall samples were collected directly beneath the sanitary sewer pipeline to assess whether the backfill material around this line was a preferential pathway for contaminant migration. Additional excavation was conducted in two sidewall areas because of elevated concentrations of PCE in soil samples B3-S3-4.0 and B3-S5-2.0. After the additional excavation was performed, these samples were subsequently replaced by soil samples B3-S3-4.0-1.0 and B3-S5-2.0-1.0, respectively (see Plate 4).

Excavation bottom samples were collected at an approximate frequency of one discrete sample for every 30 to 40 square feet of excavation bottom. As shown on Plate 4, bottom samples were collected in a systematic sample grid labeled as Excavation Cells A1, A2, B1, B2, and B3. A total of 6 excavation bottom verification soil samples from 5 separate locations (i.e., one located per excavation cell) were collected at depths ranging from 5.5 to 6.5 feet bgs (see

Plate 4 and Table 1 for sample identifications and locations). As requested by ACEH, the three bottom samples in Cells B1, B2, and B3 were located beneath the sanitary sewer line. Additional excavation was not necessary on the bottom of the excavation because, as discussed below, results for these verification samples were below the target soil cleanup goals.

Verification soil samples were analyzed for VOCs using U.S. EPA Test Method 5035/8260B with a halogenated VOC list (i.e., EPA 8010 list) of analytes.

#### **4.3.2 Laboratory Analytical Results**

Excavation bottom and sidewall verification soil sample analytical results are summarized in Table 1 and graphically displayed on Plate 4. Copies of the laboratory analytical reports and chain-of-custody documentation are presented in Appendix C. The only VOCs detected in the verification samples were PCE, TCE, and cis-1,2-DCE. The maximum detected concentrations of TCE (28  $\mu\text{g/kg}$ ) and cis-1,2-DCE (13  $\mu\text{g/kg}$ ) in bottom and sidewall samples were significantly below their target cleanup goals (460 and 190  $\mu\text{g/kg}$ , respectively). A discussion of the PCE results is presented below.

Detected concentrations of PCE in the excavation bottom samples ranged from 7.3 to 97  $\mu\text{g/kg}$  (below the target cleanup goal of 240  $\mu\text{g/kg}$ ).

PCE concentrations in eight of the initial ten excavation sidewall samples were below the target cleanup goal and ranged from non-detect to 220  $\mu\text{g/kg}$ . As noted above in Section 4.2, the concentrations of PCE in two of the initial sidewall samples were above the target cleanup goal of 240  $\mu\text{g/kg}$ . The elevated concentrations of PCE were detected in sidewall samples B3-S3-4.0 (310  $\mu\text{g/kg}$ ) and B3-S5-2.0 (340  $\mu\text{g/kg}$ ). Additional excavation was conducted at these two sidewall areas to remove an approximately 1-foot thick section of soil, and two new verification samples were obtained after the additional excavation was completed. PCE concentrations in the new sidewall samples were 93  $\mu\text{g/kg}$  (B3-S3-4.0-1.0) and 74  $\mu\text{g/kg}$  (B3-S5-2.0-1.0). After completing the additional sidewall excavation, all verification soil samples met the target cleanup goal.

#### **4.4 Excavation Backfilling Activities**

Following completion of the soil excavation and verification that soil sample results met target soil cleanup goals, the excavation subareas were backfilled with CDF. The five subareas are shown on Plate 3. Backfilling with CDF was conducted during the following three events:

- On July 6, 2007, the initial slot trench (Subarea 1) adjacent to the footing was backfilled;
- On July 12, 2007, the remainder of the originally-planned excavation area, including the second slot trench (Subareas 2 and 3), was backfilled; and

- On July 19, 2007, the two areas of additional sidewall excavation (Subareas 4 and 5) were backfilled.

During each of these backfilling events, the CDF was pumped from a truck directly into the excavation at a pressure of approximately 150 pounds per square foot (psf). CDF placement during the first two pour days was observed by T&R.

#### **4.5 Waste Management, Characterization, and Disposal**

Sample handling, labeling, documentation and chain of custody procedures for waste characterization samples were performed as described in the RAW.

##### **4.5.1 Soil**

The soil generated during excavation activities was placed directly into plastic-lined, covered soil bins pending characterization for off-site disposal. A four-point composite soil sample was collected from the first full bin for waste characterization purposes. This sample was analyzed for:

- VOCs using U.S. EPA Test Method 5035/8260B with a halogenated VOC list (i.e., EPA 8010 list) of analytes; and
- Title 22 Metals using U.S. EPA Test Methods 6010B and 7471 for mercury.

A copy of the laboratory analytical report and chain-of-custody documentation for the soil waste characterization composite sample is presented in Appendix C.

As of September 10, 2007 (i.e., the submittal date of this report), the soil generated during excavation activities had not yet been accepted for disposal. Final disposal documentation for this soil (i.e., waste manifests) will be submitted at a later date under separate cover.

##### **4.5.2 Concrete Rubble**

The concrete removed during soil excavation activities was temporarily stockpiled on plastic sheeting within the access alley just east of Sparkle Cleaners pending characterization for off-site disposal. A concrete sample was collected for waste classification purposes from the stockpile. The sample was analyzed for VOCs using U.S. EPA Test Method 5035/8260B with a halogenated VOC list (i.e., EPA 8010 list) of analytes. No VOCs were detected. A copy of the laboratory analytical report and chain-of-custody documentation for the concrete sample is presented in Appendix C.

The concrete was disposed off-site as non-hazardous waste at Diablo Valley Concrete Disposal in Martinez, California.

#### **4.6 Site Reconstruction**

Upon completion of soil excavation and backfilling activities, reconstruction of the tenant space commenced with the replacement of the 4-inch thick concrete floor slab. The concrete floor slab reinforcement consisted of No. 4 rebar placed on 16-inch centers along with ¾-inch diameter by 1-foot 2-inch long smooth steel dowels that were placed every 12 inches along the perimeter edge of the existing concrete slab. The dowels were installed by drilling and setting the dowels into the existing concrete slab using epoxy.

Following adequate curing of the replacement concrete floor slab, the temporary wooden-framed wall was removed. The plastic sheeting, which was previously installed above the temporary wooden-framed wall at the onset of the project, was removed and disposed. Equipment associated with the remedial work was removed from the site, and the work areas were cleaned and restored to their prior condition.

#### **5.0 GROUNDWATER MONITORING WELL INSTALLATION**

As part of the RAW, four monitoring wells were installed on July 23 and 24, 2007 to evaluate groundwater conditions in the vicinity of Sparkle Cleaners. The wells were subsequently developed and sampled in early August 2007. The locations of the wells are shown on Plate 2. Details of the well installation, development, sampling activities, and analytical results will be presented in a subsequent report.

#### **6.0 CONCLUSIONS**

Remediation of soil at the Sparkle Cleaners site was completed between July 2 and 16, 2007. The remediation was conducted in accordance with the approved RAW. On the basis of the results presented in this report, the following major elements of the RAW have been successfully implemented and completed:

- Excavation of approximately 37 cubic yards of VOC-affected soil, including soil containing concentrations of VOCs in excess of target soil cleanup goals;
- Proper handling and management of the contaminated soil and concrete rubble;
- Collection of verification soil samples from excavation sidewalls and bottom;
- Chemical analyses of the verification soil samples;
- Comparison of the verification sample results with target soil cleanup goals to confirm the cleanup goals have been met;
- Backfilling the excavations;

- Replacement of the concrete floor slab; and
- Installation of a groundwater monitoring well network.

Successful implementation of the RAW was accomplished. Soil with concentrations of VOCs in excess of target soil cleanup goals was removed from the site. Based on the prior investigation data and the excavation verification sample data, no further investigation or remediation appears warranted for the interior of Sparkle Cleaners. Details of the well installation, development, and sampling activities will be presented under separate cover in the quarterly report that is due to the ACEH by the end of October 2007.

## 7.0 REFERENCES

- Alameda County Environmental Health (ACEH), 1995. *Remedial Action Completion Certification, J.C. Penney Store, 1 Eastmont Mall, Oakland, CA*. February 10.
- ACEH, 1998. *Remedial Action Completion Certification, 1 Eastmont Mall, Oakland, CA (1-500 gallon waste oil tank removed in October 23, 1995)*. April 16.
- ACEH, 2007. *SLIC Case RO0002942 and Geotracker Global ID SLT19735483, Sparkle Cleaners, 7000 Bancroft Avenue, Oakland, CA 94605 – Work Plan Approval*. February 27.
- Broadbent & Associates, 2006. *Second Quarter 2006 Ground-Water Monitoring Report, Former BP Station #11117, 7210 Bancroft Avenue, Oakland, Alameda County, California. ACEH Case No. RO356*. July 28.
- California Regional Water Quality Control Board – San Francisco Bay Region, 2005. *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*. February 2005.
- EBI Consulting, 2004. *Phase II Limited Subsurface Investigation Report, Eastmont Town Center, 7200 Bancroft Avenue, Oakland, California*. December 22.
- PES Environmental, Inc. (PES), 2007. *Remedial Action Workplan, Voluntary Soil Remediation, Sparkle Cleaner, Eastmont Town Center, 7000 Bancroft Avenue, Oakland, California*. January 5.

**TABLE**

**Table 1**  
**Summary of Excavation Verification Soil Sample Results - Volatile Organic Compounds <sup>(1)</sup>**

**Sparkle Cleaners**  
**7200 Bancroft Avenue**  
**Eastmont Town Center**  
**Oakland, California**

Excavation Cell Designation	Sample Designation	Sample Depth (feet bgs)	Sample Type	Date Collected	PCE (µg/kg)	TCE (µg/kg)	cis-1,2-DCE (µg/kg)
A1	A1-S1-3.5	3.5	Sidewall	7/11/2007	<b>40</b>	ND(4.3)	ND(4.3)
	A1-S2-4.0	4	Sidewall	7/11/2007	ND(4.6)	<b>28</b>	<b>6.4</b>
	A1-B1-5.5	5.5	Bottom	7/11/2007	<b>7.5</b>	ND(4.6)	ND(4.6)
A2	A2-S1-3.5	3.5	Sidewall	7/5/2007	<b>180</b>	ND(4.3)	ND(4.3)
	A2-S5-4'	4	Sidewall	7/5/2007	<b>220</b>	ND(4.4)	ND(4.4)
	A2-B1-5.5'	5.5	Bottom	7/5/2007	<b>84</b>	ND(4.1)	ND(4.1)
B1	B1-S2-2.0	2	Sidewall	7/11/2007	<b>16</b>	<b>7.4</b>	ND(4.3)
	B1-S3-3.0	3	Sidewall	7/11/2007	<b>150</b>	<b>9.8</b>	ND(4.7)
	B1-B1-5.5	5.5	Bottom	7/11/2007	<b>97</b>	ND(4.3)	ND(4.3)
B2	B2-B1-5.5	5.5	Bottom	7/5/2007	<b>70</b>	ND(4.6)	ND(4.6)
B3	B3-S3-4.0 <sup>(2)</sup>	4	Sidewall	7/9/2007	<b>310</b>	ND(4.2)	ND(4.2)
	B3-S3-4.0'-1.0'	4	Sidewall Stepout	7/16/2007	<b>93</b>	ND(4.4)	ND(4.4)
	B3-S4-3.0	3	Sidewall	7/9/2007	ND(4.9)	<b>15</b>	<b>12</b>
	B3-S6-3.5 <sup>(3)</sup>	3.5	Sidewall	7/9/2007	ND(4.6)	<b>7.9</b>	<b>13</b>
	B3-S5-2.0	2	Sidewall	7/9/2007	<b>340</b>	<b>26</b>	ND(4.8)
	B3-S5-2.0'-1.0'	2	Sidewall Stepout	7/16/2007	<b>74</b>	<b>5.0</b>	ND(4.0)
	B3-B1-5.5	5.5	Bottom	7/9/2007	<b>7.3</b>	ND(4.8)	ND(4.8)
	B3-B1-6.5 <sup>(4)</sup>	6.5	Bottom	7/9/2007	<b>22</b>	ND(4.5)	ND(4.5)
<b>Target Soil Cleanup Goals:</b>					<b>240</b>	<b>460</b>	<b>190</b>

**Notes:**

PCE = Tetrachloroethene

TCE = Trichloroethene

cis-1,2-DCE = cis-1,2-Dichloroethene

µg/kg = micrograms per kilogram

feet bgs = feet below ground surface

ND(4.4) = Compound not detected at or above the indicated laboratory reporting limit

All other volatile organic compounds were not present at or above respective laboratory reporting limits.

 - Equals or exceeds the target soil cleanup goals.

(1) = All samples were analyzed for volatile organic compounds by U.S. EPA Test Method 5035/8260B using Test Method 8010 list of analytes.

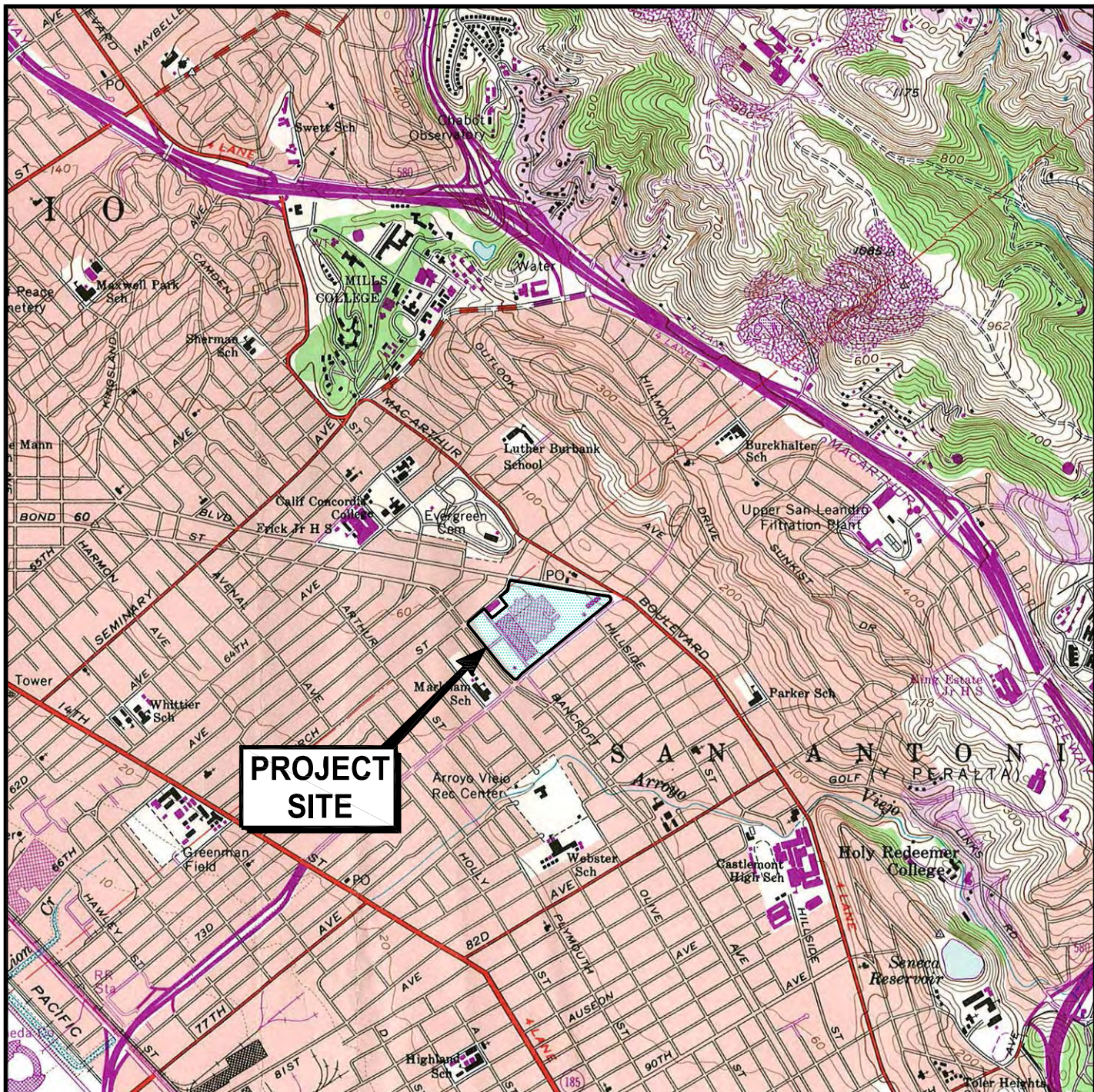
(2) = The excavation sidewall soil represented by this verification soil sample was removed during further lateral excavation, which was conducted until a subsequent sidewall soil sample was collected that contained chemical concentrations below the target soil cleanup goals.

(3) = Sample was inadvertently given a designation as sidewall 6 (i.e., S6) rather than the correct designation as sidewall 4 (i.e., S4).

(4) = Sample was inadvertently analyzed. Analysis was not required because the concentration of PCE in the shallower sample (i.e., sample B3-B1-5.5) was below the cleanup goal.

## **ILLUSTRATIONS**





0 2000 4000  
Scale in Feet



U.S.G.S. Topo Map - Oakland East, California, 7.5-minute quadrangle. Map version 1959; current as of 1980.



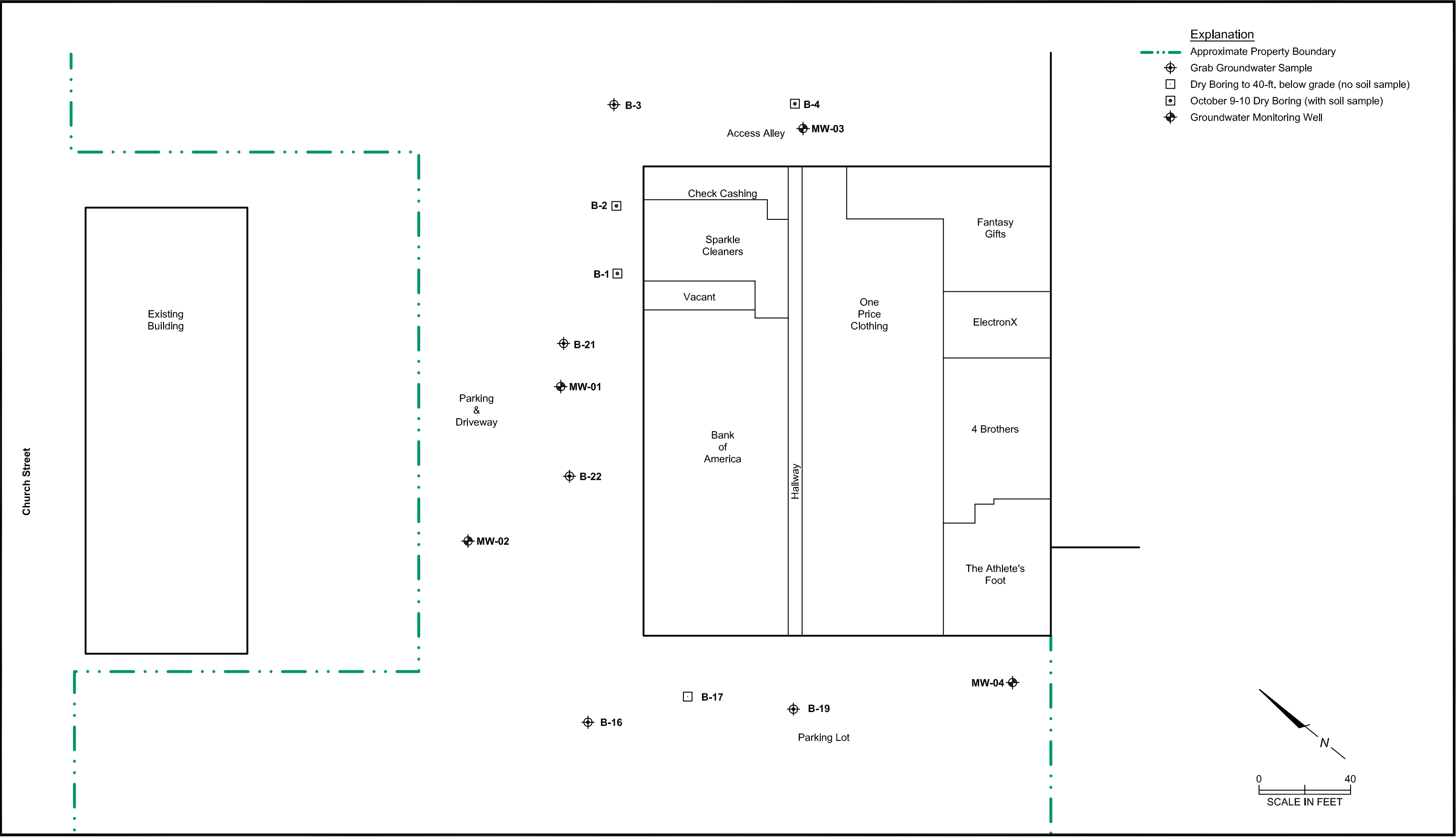
**PES Environmental, Inc.**  
Engineering & Environmental Services

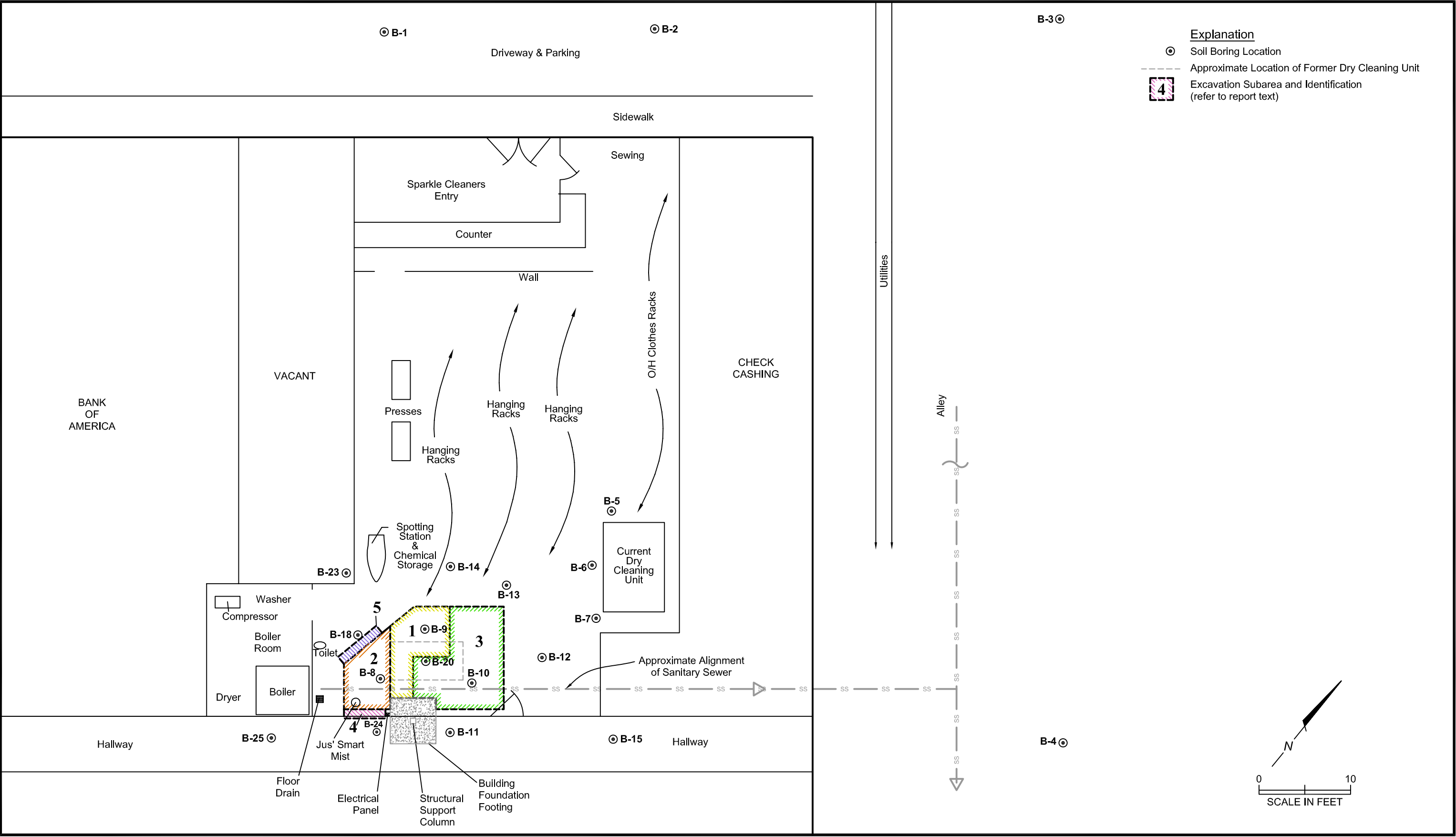
**Site Location Map**  
Eastmont Town Center  
7200 Bancroft Avenue  
Oakland, California

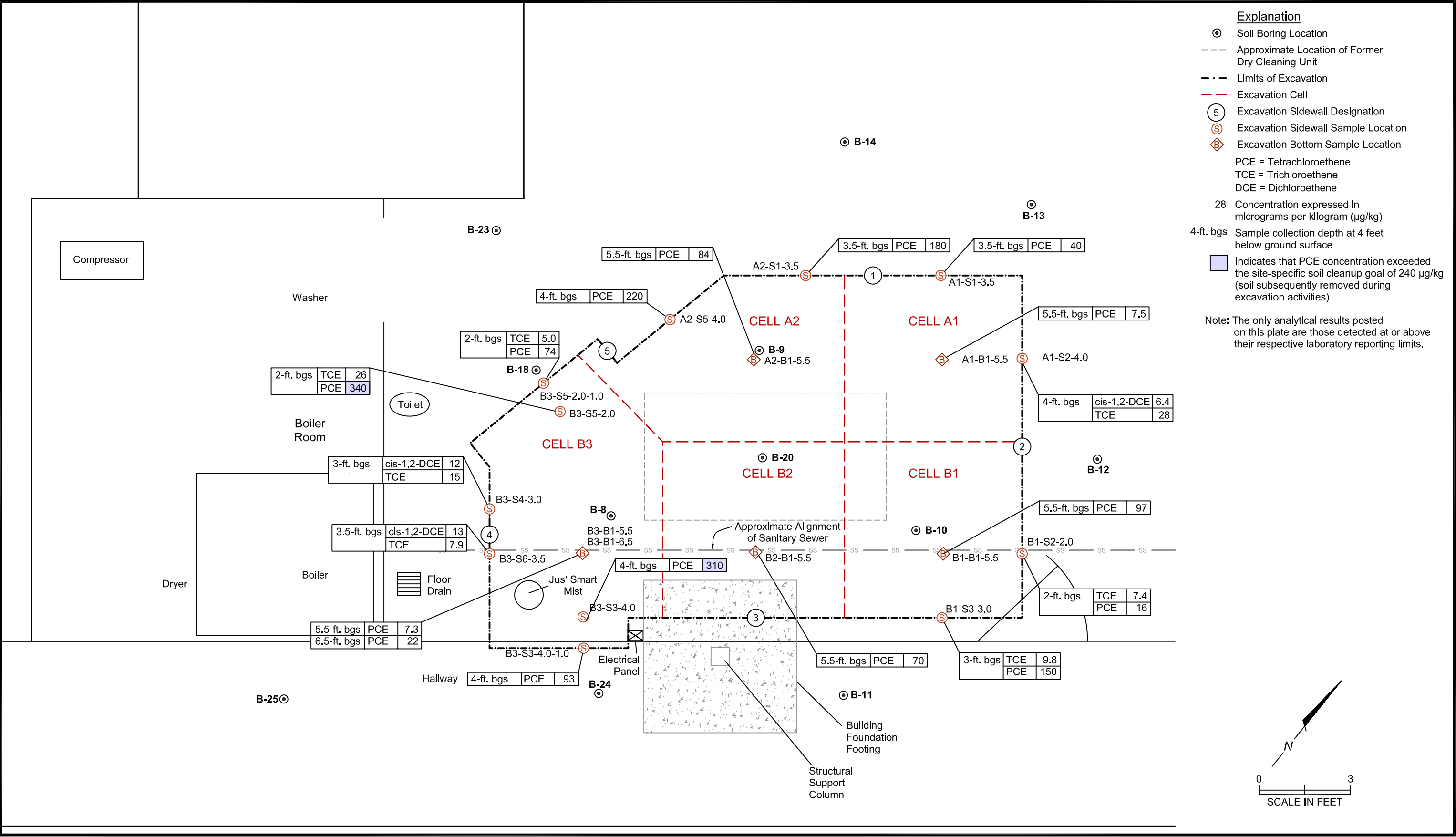
PLATE

**1**









**APPENDIX A**

**ALAMEDA COUNTY ENVIRONMENTAL HEALTH  
REMEDIAL ACTION WORKPLAN APPROVAL LETTER**

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

February 27, 2007

Mr. Bill Sumski  
Eastmont Town Center, LLC  
7200 Bancroft Avenue  
Oakland, CA 94605-2403

Mr. Todd Gooding  
Scanlankemperbard Companies  
1211 SW Fifth, Suite 2600  
Portland, OR 97204

Post-It™ brand fax transmittal memo 7671

# of pages 6

To	Will Mast	From	Jerry Wickham
Co.	PES	Co.	ACEH
Dept.		Phone #	510-567-6791
Fax #	415-899-7601	Fax #	510-337-9335

Subject: SLIC Case RO0002942 and Geotracker Global ID SLT19735483, Sparkle Cleaners, 7000 Bancroft Avenue, Oakland, CA 94605 – Work Plan Approval

Dear Mr. Sumski and Mr. Gooding:

Alameda County Environmental Health (ACEH) staff has reviewed the Spills, Leaks, Investigations, and Cleanups (SLIC) case file for the above referenced site including the work plan entitled, "Remedial Action Workplan, Voluntary Soil Remediation, Sparkle Cleaners, Eastmont Town Center," dated January 5, 2007, and prepared by PES Environmental, Inc. Tetrachloroethene (PCE) is present at elevated concentrations in soil in the area of a former dry cleaning unit at Sparkle Cleaners. PCE was also detected in soil vapor and groundwater at concentrations that exceed applicable regulatory criteria. The Work Plan proposes excavation of soil beneath Sparkle Cleaners and groundwater monitoring following the soil remediation. The proposed scope of work is acceptable provided that the technical comments below are addressed and incorporated during the remedial action and groundwater monitoring. Submittal of a revised Work Plan is not required unless an alternate scope of work outside that described in the Work Plan or technical comments below is proposed.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org)) prior to the start of field activities.

#### TECHNICAL COMMENT

1. **Soil Excavation and Confirmation Sampling.** The Work Plan proposes the removal of soil from an area approximately 165 square feet in size to a depth of approximately 5.5 feet. The excavation is to be expanded laterally and vertically as necessary to remove visually stained or odor-impacted soil and soil with concentrations of PCE that exceed the proposed cleanup goal. The number and distribution of confirmation soil samples proposed in the work plan is acceptable; however, we wish to clarify several points. The sidewall samples are to be collected from the depths at which the greatest contamination is observed during excavation and screening of the soils. As an example, if the greatest visual staining, odor, and PID readings are observed at a depth of 3 feet bgs along a sidewall, the confirmation samples from the sidewall are to be collected from a depth of 3 feet bgs. Additional

Mr. Bill Sumski  
Mr. Todd Gooding  
February 27, 2007  
Page 2

confirmation soil samples beyond those proposed are to be collected if highly variable soil conditions are observed or the extent of contamination appears to be highly variable. In addition, confirmation samples are to be collected beneath the sanitary sewer line at the two locations where the sanitary sewer line exits the excavation in order to assess whether the sanitary sewer line is potential source of solvent releases. Confirmation soil samples are also to be collected along any other features such as backfilled utility trenches that could potentially act as preferential pathways. Please present the results of the soil excavation and confirmation soil sampling in the Soil Removal and Monitoring Well Installation Report requested below.

2. **Soil Vapor Sampling.** PCE was detected in nine of the ten soil vapor samples collected at the site. PCE was detected at concentrations that exceed the San Francisco Bay Regional Water Quality Control Board Shallow Soil Gas Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (RWQCB, San Francisco Bay Region, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, February 2005) in four of the ten soil vapor samples collected. If soil contamination with concentrations that exceed the proposed cleanup goal are left in place due to structural features or utilities, soil vapor sampling may be required to confirm that the residual contamination does not pose a human health threat for indoor vapor intrusion. Soil vapor sampling may also be required if observations during excavation or confirmation sampling results indicate that the sanitary sewer line was a potential source of solvent releases.
3. **Groundwater Flow Direction and Proposed Well Locations.** The apparent hydraulic gradient (west-northwest) observed during previous investigations at the site does not appear to be consistent with the expected regional groundwater flow direction. A west-northwest hydraulic gradient is also not consistent with the hydraulic gradients observed at two nearby fuel release sites at 7225 Bancroft Avenue and 7210 Bancroft Avenue. Four monitoring wells are proposed in the area west of Sparkle Cleaners. Due to uncertainty in groundwater flow direction for the site, we request that the proposed locations for wells MW-03 and MW-04 be revised as shown on the attached Revised Figure 4.
4. **Proposed Monitoring Well Construction.** The Work Plan proposes to install 2-inch diameter monitoring wells to depths of approximately 50 feet bgs, which is assumed to be approximately 10 feet into the first encountered groundwater. The installation of wells to depths of approximately 10 feet below first encountered groundwater and following Alameda County Public Works Department Guidelines and State of California standards is acceptable. We request that the filter packs for the monitoring wells not exceed 15 feet in length. The Work Plan does not include plans for laboratory analysis of soil samples. We request that soil samples be collected for laboratory analysis if visible staining, odor, or elevated PID readings are observed during advancement of the soil borings. If visible staining, odor, or elevated PID readings are observed, a sufficient number of soil samples must be collected to characterize the vertical interval over which the contamination occurs. Please present boring logs, well completion diagrams, and all other results from the monitoring well installation in the Soil Removal and Monitoring Well Installation Report requested below.
5. **On-site Industrial Well.** A Site Map labeled Figure 2, which appears to be from a report by Artesian Environmental Consultants dated August 27, 1993 and is attached to the work

Mr. Bill Sumski  
Mr. Todd Gooding  
February 27, 2007  
Page 3

plan, identified an industrial water well southeast of Sparkle Cleaners. A review of a Water Well Driller's report in ACEH files, indicates that an industrial well was installed at the site in 1951. The well, which was perforated from 90 to 393 feet bgs, was 12 inches in diameter. A notation on the Well Driller's Report indicates that the well was located 250 feet east of Bancroft Avenue and 650 feet north of 73<sup>rd</sup> Avenue, which would place the well south of Sparkle Cleaners. Please indicate whether this well was decommissioned and discuss the potential for this well to be a receptor for groundwater contamination from the site.

6. **Assembly Plant USTs.** A Phase II Limited Subsurface Investigation Report, dated December 22, 2004 and prepared by EBI Consulting, indicates that a Chevrolet Fisher Body Plant occupied the site from 1916 to 1965 and that five USTs were in use at the site. Please describe the locations of the former assembly plant USTs in relation to Sparkle Cleaners.
7. **Boring Logs and Cross Sections.** The workplan prepared by PES Environmental, Inc. does not include boring logs. Please submit boring logs for the soil borings completed during the 2006 investigation. Preparation of boring logs is a fundamental step required in the characterization of site geology and hydrogeology and is required for the proposed monitoring wells. Please include soil boring logs for the monitoring wells in the Soil Removal and Monitoring Well Installation Report requested below.
8. **Geotracker EDF Submittals.** Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports (LUFT or SLIC) is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all SLIC analytical data and copies of reports post July 1, 2005, to the SWRCB's Geotracker database website in accordance with the above-cited regulation.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **July 12, 2007 – Soil Removal and Monitoring Well Installation Report**
- **90 Days following the end of each quarter – Groundwater Monitoring Report**

These reports are being requested pursuant to California Health and Safety Code Section 25296.10, 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the



Mr. Bill Sumski  
Mr. Todd Gooding  
February 27, 2007  
Page 4

responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic\\_reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

#### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

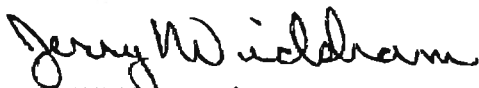
Mr. Bill Sumski  
Mr. Todd Gooding  
February 27, 2007  
Page 5

**AGENCY OVERSIGHT**

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

Attachment: Revised Figure 4 with Proposed Monitoring Well Locations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Mr. Bob Bridwell  
Eastmont Town Center, LLC  
7200 Bancroft Avenue  
Oakland, CA 94605-2403

Mr. Will Mast  
PES Environmental, Inc.  
1682 Novato Boulevard, Suite 100  
Novato, CA 94947-7021

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>ISSUE DATE:</b> July 5, 2005
	<b>REVISION DATE:</b> December 16, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

#### REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:  
RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

#### Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

#### Submission Instructions

##### 1) Obtain User Name and Password:

- a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
  - i) Send an e-mail to [dehloptoxic@acgov.org](mailto:dehloptoxic@acgov.org)  
or
  - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
- b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

##### 2) Upload Files to the ftp Site

- a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
  - (i) Note: Netscape and Firefox browsers will not open the FTP site.
- b) Click on File, then on Login As.
- c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
- d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
- e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

##### 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs

- a) Send email to [dehloptoxic@acgov.org](mailto:dehloptoxic@acgov.org) notify us that you have placed a report on our ftp site.
- b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., [firstname.lastname@acgov.org](mailto:firstname.lastname@acgov.org))
- c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload)

## **APPENDIX B**

### **GEOTECHNICAL DOCUMENTATION**

# Treadwell&Rollo

20 June 2007  
Project No. 4661.01

Mr. Gary Thomas  
PES Environmental, Inc.  
1682 Novato Boulevard, Suite 100  
Novato, California 94608

Subject: Geotechnical Consultation  
During Environmental Remediation of the Sparkle Cleaners Site  
Eastmont Town Center  
7000 Bancroft Avenue  
Oakland, California

Dear Mr. Thomas:

This letter presents our geotechnical consultation provided for the environmental remediation activities planned for the Sparkle Cleaners facility at the Eastmont Town Center in Oakland. The purpose of our services is to assist with the evaluation of the impact of the excavation near the existing footing and provide recommendations regarding assessment, shoring, and backfill procedures to reduce adverse impacts of the excavation on the existing footing. Our services were performed in accordance with our proposal dated 14 June 2007.

## BACKGROUND

The Sparkle Cleaners tenant space occupies approximately 1,800 square feet in the northwest portion of Eastmont Town Center. The planned remediation procedure consists of: (1) removing the existing concrete floor slab, (2) excavating and removing contaminated soil that extends to an approximate depth of 5.5 feet bgs, (3) collecting confirmation soil samples from the excavation bottom and sidewalls, (4) analyze the confirmation soil samples to verify the target soil cleanup concentration has been met (analytical test results will be available within 24 hours of sampling), and (5) backfilling the excavation. The estimated area of excavation is approximately 165 square feet and extends vertically downward to approximately 5.5 feet below the ground surface (bgs). The soil to be excavated will consist of stiff clay above the groundwater table. The soil removal will require excavation adjacent to one structural building column/footing. In addition, a sanitary sewer line runs through the proposed excavation area.

## CONCLUSIONS AND RECOMMENDATIONS

Based on our evaluation of the proposed remediation procedures, we conclude that there is a potential for destabilizing the column footing located adjacent to the planned excavations. Specific adverse impacts may include:

- Reduction of lateral confinement when the planned excavation exposes the face of footing. This could result in a reduction of vertical and lateral load resistance capacity of the footing
- Reduction and/or loss of bearing capacity when excavation adjacent to the footing extends below the bottom of the footing.
- Settlement due to possible loss of soil into the excavation (cave in).

## ENVIRONMENTAL AND GEOTECHNICAL CONSULTANTS

501 14TH STREET, 3RD FLOOR OAKLAND CALIFORNIA 94612 T 510 874 4500 F 510 874 4507 [www.treadwellrollo.com](http://www.treadwellrollo.com)

Mr. Gary Thomas  
PES Environmental, Inc.  
20 June 2007  
Page 2

To reduce the potential for these adverse impacts, we recommend using excavation and backfilling procedures that will limit the amount of disturbance to the soil adjacent to and below the existing column footing. Specifically, the planned excavation should be excavated using slot trenches that are not greater than three feet wide and oriented in a direction perpendicular to the face of existing footing.

Furthermore, we recommend sequencing the excavation of slot trenches so that only one slot trench per footing is open at a time. A representative of Treadwell & Rollo should be present during the beginning of the excavation activities to check that the sidewalls and the column footing remain stable during the excavation process. Excavated trenches should be backfilled with control density fill (CDF) to building pad subgrade elevation. The CDF should be allowed to harden and gain strength for at least 24 hours before new slot trenches are excavated adjacent to the recently placed CDF.

### Temporary Shoring

Excavations that will be deeper than five feet and will be entered by workers should be shored or sloped in accordance with CAL-OSHA standards (29 CFR Part 1926). We judge that temporary cuts in native soil which are less than six feet high and inclined no steeper than 1.5:1 (horizontal: vertical) will be stable provided that they are not surcharged by equipment or building material. Sloped cuts should not be used adjacent to the existing column footing. Instead, temporary speed shoring should be considered for use in slot trenches or at locations where temporary slopes are not possible because of space constraints. The contractor should be responsible for the construction, design, and safety of temporary slopes and shoring.

### Backfill Recommendations

As discussed above, excavated slots adjacent to footings should be backfilled with CDF to building pad subgrade elevation. CDF, also known as flowable fill, is a mixture of Portland cement, fly ash, fine aggregate, air entraining admixtures, and water. We recommend the CDF be designed to develop a 7-day unconfined compressive strength of at least 100 pounds per square inch (psi).

We trust this letter provides the information you need at this time. If you have any questions, please call.

Sincerely yours,  
TREADWELL & ROLLO, INC.

  
Linda H. Liang  
Senior Engineer

46610101.OAK



  
Dean H. Iwasa  
Senior Associate



24 July 2007  
Project No. 4661.01

Mr. Gary Thomas  
PES Environmental, Inc.  
1682 Novato Boulevard, Suite 100  
Novato, California 94608

Subject: Geotechnical Services during Construction  
Environmental Remediation of the Sparkle Cleaners Site  
Eastmont Town Center  
7000 Bancroft Avenue  
Oakland, California

Dear Mr. Thomas:

This letter summarizes our geotechnical services provided during the environmental remediation of the Sparkle Cleaners facility at the Eastmont Town Center in Oakland. Previously, we performed a geotechnical consultation for this project and presented our recommendations in a letter dated 20 June 2007.

The Sparkle Cleaners tenant space occupies approximately 1,800 square feet in the northwest portion of Eastmont Town Center. The remediation procedure consists of: (1) removing the existing concrete floor slab, (2) excavating and removing contaminated soil that extends to an approximate depth of 5.5 feet bgs, (3) collecting confirmation soil samples from the excavation bottom and sidewalls, (4) analyzing the confirmation soil samples to verify the target soil cleanup concentration has been met, and (5) backfilling the excavation. The estimated area of excavation is approximately 165 square feet and extends vertically downward to approximately 5.5 feet below the ground surface (bgs).

## **SCOPE OF SERVICES**

Our geotechnical services during construction were performed in accordance with our proposal dated 14 June 2007. The purpose of our services was to check that the geotechnical recommendations for the project, which were presented in our letter dated 20 June 2007, were carried out during construction. We performed the following services:

- provided part-time observation during excavation and backfill of slot trenches
- consulted with project team regarding geotechnical issues that arose during construction
- prepared this final letter summarizing our construction observations and conclusions.

Mr. Gary Thomas  
PES Environmental, Inc.  
24 July 2007  
Page 2

Our field engineer performed intermittent site visits between 3 July and 16 July 2007 to observe the excavation and backfill of slot trenches. We observed the work performed by DECON Environmental Services, Inc. (DECON), the subcontractor for site excavation and backfill placement.

### **SUMMARY OF GEOTECHNICAL OBSERVATIONS DURING CONSTRUCTION**

Between 3 July and 16 July 2007, we visited the site on a part-time basis to observe the excavation of slot trenches adjacent to existing footings. The soil excavated consisted of stiff clay and no groundwater was encountered. The sidewall and the bottom of the excavations looked firm and unyielding. In general, slot trenches were excavated according to our recommendations and were backfilled with control density fill (CDF). The CDF was placed from the top of the trenches and was allowed to cure for 24 hours before excavating adjacent slot trenches.

### **CONCLUSIONS**

We conclude that the soil excavation and fill placement were performed in accordance with our geotechnical recommendations. On the basis of our observations, the slot trench proceeded without adverse impacts to the existing footing, and the backfill with CDF adequately support the anticipated building floor slab.

We appreciate the opportunity to provide geotechnical services for this project. If you have any questions, please contact us.

Sincerely yours,  
TREADWELL & ROLLO, INC.

  
Linda H. Liang  
Geotechnical Engineer

46610102.OAK





## **APPENDIX C**

### **LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION**



## ANALYTICAL REPORT

Job Number: 720-9806-1

Job Description: Sparkle Cleaner Site Oakland

For:  
PES Environmental, Inc.  
1682 Novato Boulevard  
Suite 100  
Novato, CA 94947-7021

Attention: Mr. Will Mast

---

Afsaneh Salimpour  
Project Manager I  
asalimpour@stl-inc.com  
07/10/2007

cc: Mr. Gary Thomas

Project Manager: Afsaneh Salimpour

**Job Narrative**  
**720-J9806-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method 8260B: The matrix spike and matrix spike duplicate (MS/MSD) recoveries for sample 9579-10 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method 8260B: Surrogate and internal standard recoveries for samples 9579-8, 10, 11, 13, 14, 15, and 16 were outside control limits due to matrix interference; re-analysis was performed.

Method 8260B: Samples 720-9806-2 and 3 had PCE concentrations over the calibration range. Hence, results are reported as estimated. (High level methanol extraction was also performed on both samples and the results were ND at higher RL.)

No other analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-9806-2</b> Tetrachloroethene	<b>A2-S1-3.5'</b>	180	4.3	ug/Kg	8260B
<b>720-9806-3</b> Tetrachloroethene	<b>A2-S5-4'</b>	220	4.4	ug/Kg	8260B
<b>720-9806-4</b> Tetrachloroethene	<b>A2-B1-5.5'</b>	84	4.1	ug/Kg	8260B
<b>720-9806-6</b> Tetrachloroethene	<b>B2-B1-5.5'</b>	70	4.6	ug/Kg	8260B

## METHOD SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Description	Lab Location	Method	Preparation Method
<b>Matrix:</b> <b>Solid</b>			
Volatile Organic Compounds by GC/MS (Low Level)	STL SF	SW846 8260B	
Purge and Trap for Solids	STL SF		SW846 5030B
Closed System Purge & Trap/Laboratory	STL SF		SW846 5035

### LAB REFERENCES:

STL SF = STL San Francisco

### METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986  
And Its Updates.

## METHOD / ANALYST SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Method	Analyst	Analyst ID
SW846 8260B	Le, Lien	LL

## SAMPLE SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-9806-1	CONCRETE	Solid	07/05/2007 1430	07/05/2007 1828
720-9806-2	A2-S1-3.5'	Solid	07/05/2007 1615	07/05/2007 1828
720-9806-3	A2-S5-4'	Solid	07/05/2007 1630	07/05/2007 1828
720-9806-4	A2-B1-5.5'	Solid	07/05/2007 1635	07/05/2007 1828
720-9806-6	B2-B1-5.5'	Solid	07/05/2007 1715	07/05/2007 1828

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Client Sample ID: CONCRETE

Lab Sample ID: 720-9806-1

Client Matrix: Solid

Date Sampled: 07/05/2007 1430

Date Received: 07/05/2007 1828

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23467

Instrument ID: Agilent 75MSD

Preparation: 5030B

Lab File ID: 070507033.D

Dilution: 1.0

Initial Weight/Volume: 5.08 g

Date Analyzed: 07/06/2007 0041

Final Weight/Volume: 10 mL

Date Prepared: 07/06/2007 0041

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.9
1,1-Dichloroethane		ND		4.9
Dichlorodifluoromethane		ND		9.8
Vinyl chloride		ND		4.9
Chloroethane		ND		9.8
Trichlorofluoromethane		ND		4.9
Methylene Chloride		ND		9.8
trans-1,2-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
Chloroform		ND		4.9
1,1,1-Trichloroethane		ND		4.9
Carbon tetrachloride		ND		4.9
1,2-Dichloroethane		ND		4.9
Trichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
Dichlorobromomethane		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Chlorodibromomethane		ND		4.9
Chlorobenzene		ND		4.9
Bromoform		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,2-Dichlorobenzene		ND		4.9
Chloromethane		ND		9.8
Bromomethane		ND		9.8
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
EDB		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
Surrogate	%Rec			Acceptance Limits
Toluene-d8 (Surr)	101			70 - 130
4-Bromofluorobenzene	101			60 - 140
1,2-Dichloroethane-d4 (Surr)	107			60 - 140



## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Client Sample ID: A2-S1-3.5'

Lab Sample ID: 720-9806-2

Date Sampled: 07/05/2007 1615

Client Matrix: Solid

Date Received: 07/05/2007 1828

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23468

Instrument ID: Agilent 75MSD

Preparation: 5035

Prep Batch: 720-23469

Lab File ID: 070507026.D

Dilution: 1.0

Initial Weight/Volume: 5.86 g

Date Analyzed: 07/05/2007 2143

Final Weight/Volume: 10 mL

Date Prepared: 07/05/2007 1900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.3
1,1-Dichloroethane		ND		4.3
Dichlorodifluoromethane		ND		8.5
Vinyl chloride		ND		4.3
Chloroethane		ND		8.5
Trichlorofluoromethane		ND		4.3
Methylene Chloride		ND		8.5
trans-1,2-Dichloroethene		ND		4.3
cis-1,2-Dichloroethene		ND		4.3
Chloroform		ND		4.3
1,1,1-Trichloroethane		ND		4.3
Carbon tetrachloride		ND		4.3
1,2-Dichloroethane		ND		4.3
Trichloroethene		ND		4.3
1,2-Dichloropropane		ND		4.3
Dichlorobromomethane		ND		4.3
trans-1,3-Dichloropropene		ND		4.3
cis-1,3-Dichloropropene		ND		4.3
1,1,2-Trichloroethane		ND		4.3
Tetrachloroethene		180		4.3
Chlorodibromomethane		ND		4.3
Chlorobenzene		ND		4.3
Bromoform		ND		4.3
1,1,2,2-Tetrachloroethane		ND		4.3
1,3-Dichlorobenzene		ND		4.3
1,4-Dichlorobenzene		ND		4.3
1,2-Dichlorobenzene		ND		4.3
Chloromethane		ND		8.5
Bromomethane		ND		8.5
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.3
EDB		ND		4.3
1,2,4-Trichlorobenzene		ND		4.3
Surrogate	%Rec			Acceptance Limits
Toluene-d8 (Surr)	95			70 - 130
4-Bromofluorobenzene	104			60 - 140
1,2-Dichloroethane-d4 (Surr)	98			60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Client Sample ID: A2-S5-4'

Lab Sample ID: 720-9806-3

Client Matrix: Solid

Date Sampled: 07/05/2007 1630

Date Received: 07/05/2007 1828

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23468

Instrument ID: Agilent 75MSD

Preparation: 5035

Prep Batch: 720-23469

Lab File ID: 070507027.D

Dilution: 1.0

Initial Weight/Volume: 5.73 g

Date Analyzed: 07/05/2007 2208

Final Weight/Volume: 10 mL

Date Prepared: 07/05/2007 1900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.4
1,1-Dichloroethane		ND		4.4
Dichlorodifluoromethane		ND		8.7
Vinyl chloride		ND		4.4
Chloroethane		ND		8.7
Trichlorofluoromethane		ND		4.4
Methylene Chloride		ND		8.7
trans-1,2-Dichloroethene		ND		4.4
cis-1,2-Dichloroethene		ND		4.4
Chloroform		ND		4.4
1,1,1-Trichloroethane		ND		4.4
Carbon tetrachloride		ND		4.4
1,2-Dichloroethane		ND		4.4
Trichloroethene		ND		4.4
1,2-Dichloropropane		ND		4.4
Dichlorobromomethane		ND		4.4
trans-1,3-Dichloropropene		ND		4.4
cis-1,3-Dichloropropene		ND		4.4
1,1,2-Trichloroethane		ND		4.4
Tetrachloroethene		220		4.4
Chlorodibromomethane		ND		4.4
Chlorobenzene		ND		4.4
Bromoform		ND		4.4
1,1,2,2-Tetrachloroethane		ND		4.4
1,3-Dichlorobenzene		ND		4.4
1,4-Dichlorobenzene		ND		4.4
1,2-Dichlorobenzene		ND		4.4
Chloromethane		ND		8.7
Bromomethane		ND		8.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.4
EDB		ND		4.4
1,2,4-Trichlorobenzene		ND		4.4
Surrogate	%Rec		Acceptance Limits	
Toluene-d8 (Surr)	95		70 - 130	
4-Bromofluorobenzene	100		60 - 140	
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Client Sample ID: A2-B1-5.5'

Lab Sample ID: 720-9806-4

Client Matrix: Solid

Date Sampled: 07/05/2007 1635

Date Received: 07/05/2007 1828

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23468

Instrument ID: Agilent 75MSD

Preparation: 5035

Prep Batch: 720-23469

Lab File ID: 070507028.D

Dilution: 1.0

Initial Weight/Volume: 6.07 g

Date Analyzed: 07/05/2007 2233

Final Weight/Volume: 10 mL

Date Prepared: 07/05/2007 1900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.1
1,1-Dichloroethane		ND		4.1
Dichlorodifluoromethane		ND		8.2
Vinyl chloride		ND		4.1
Chloroethane		ND		8.2
Trichlorofluoromethane		ND		4.1
Methylene Chloride		ND		8.2
trans-1,2-Dichloroethene		ND		4.1
cis-1,2-Dichloroethene		ND		4.1
Chloroform		ND		4.1
1,1,1-Trichloroethane		ND		4.1
Carbon tetrachloride		ND		4.1
1,2-Dichloroethane		ND		4.1
Trichloroethene		ND		4.1
1,2-Dichloropropane		ND		4.1
Dichlorobromomethane		ND		4.1
trans-1,3-Dichloropropene		ND		4.1
cis-1,3-Dichloropropene		ND		4.1
1,1,2-Trichloroethane		ND		4.1
Tetrachloroethene		84		4.1
Chlorodibromomethane		ND		4.1
Chlorobenzene		ND		4.1
Bromoform		ND		4.1
1,1,2,2-Tetrachloroethane		ND		4.1
1,3-Dichlorobenzene		ND		4.1
1,4-Dichlorobenzene		ND		4.1
1,2-Dichlorobenzene		ND		4.1
Chloromethane		ND		8.2
Bromomethane		ND		8.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.1
EDB		ND		4.1
1,2,4-Trichlorobenzene		ND		4.1
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		96		70 - 130
4-Bromofluorobenzene		104		60 - 140
1,2-Dichloroethane-d4 (Surr)		97		60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9806-1

Client Sample ID: B2-B1-5.5'

Lab Sample ID: 720-9806-6

Client Matrix: Solid

Date Sampled: 07/05/2007 1715

Date Received: 07/05/2007 1828

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23468

Instrument ID: Agilent 75MSD

Preparation: 5035

Prep Batch: 720-23469

Lab File ID: 070507029.D

Dilution: 1.0

Initial Weight/Volume: 5.43 g

Date Analyzed: 07/05/2007 2259

Final Weight/Volume: 10 mL

Date Prepared: 07/05/2007 1900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.6
1,1-Dichloroethane		ND		4.6
Dichlorodifluoromethane		ND		9.2
Vinyl chloride		ND		4.6
Chloroethane		ND		9.2
Trichlorofluoromethane		ND		4.6
Methylene Chloride		ND		9.2
trans-1,2-Dichloroethene		ND		4.6
cis-1,2-Dichloroethene		ND		4.6
Chloroform		ND		4.6
1,1,1-Trichloroethane		ND		4.6
Carbon tetrachloride		ND		4.6
1,2-Dichloroethane		ND		4.6
Trichloroethene		ND		4.6
1,2-Dichloropropane		ND		4.6
Dichlorobromomethane		ND		4.6
trans-1,3-Dichloropropene		ND		4.6
cis-1,3-Dichloropropene		ND		4.6
1,1,2-Trichloroethane		ND		4.6
Tetrachloroethene		70		4.6
Chlorodibromomethane		ND		4.6
Chlorobenzene		ND		4.6
Bromoform		ND		4.6
1,1,2,2-Tetrachloroethane		ND		4.6
1,3-Dichlorobenzene		ND		4.6
1,4-Dichlorobenzene		ND		4.6
1,2-Dichlorobenzene		ND		4.6
Chloromethane		ND		9.2
Bromomethane		ND		9.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.6
EDB		ND		4.6
1,2,4-Trichlorobenzene		ND		4.6
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		70 - 130
4-Bromofluorobenzene		103		60 - 140
1,2-Dichloroethane-d4 (Surr)		98		60 - 140

## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9806-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch: 720-23467</b>					
LCS 720-23467/1	Lab Control Spike	T	Solid	8260B	
MB 720-23467/2	Method Blank	T	Solid	8260B	
720-9806-1	CONCRETE	T	Solid	8260B	
<b>Analysis Batch: 720-23468</b>					
LCS 720-23469/2-A	Lab Control Spike	T	Solid	8260B	720-23469
LCSD 720-23469/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-23469
MB 720-23469/1-A	Method Blank	T	Solid	8260B	720-23469
720-9806-2	A2-S1-3.5'	T	Solid	8260B	720-23469
720-9806-3	A2-S5-4'	T	Solid	8260B	720-23469
720-9806-4	A2-B1-5.5'	T	Solid	8260B	720-23469
720-9806-6	B2-B1-5.5'	T	Solid	8260B	720-23469
<b>Prep Batch: 720-23469</b>					
LCS 720-23469/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-23469/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-23469/1-A	Method Blank	T	Solid	5035	
720-9806-2	A2-S1-3.5'	T	Solid	5035	
720-9806-3	A2-S5-4'	T	Solid	5035	
720-9806-4	A2-B1-5.5'	T	Solid	5035	
720-9806-6	B2-B1-5.5'	T	Solid	5035	

#### Report Basis

T = Total

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9806-1

### Method Blank - Batch: 720-23467

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-23467/2

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 07/05/2007 2001

Date Prepared: 07/05/2007 2001

Analysis Batch: 720-23467

Prep Batch: N/A

Units: ug/Kg

Instrument ID: Agilent 75MSD

Lab File ID: 070507022.D

Initial Weight/Volume: 5 g

Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	100	70 - 130	
4-Bromofluorobenzene	104	60 - 140	
1,2-Dichloroethane-d4 (Surr)	104	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9806-1

### Lab Control Spike - Batch: 720-23467

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 720-23467/1

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 07/05/2007 1936

Date Prepared: 07/05/2007 1936

Analysis Batch: 720-23467

Prep Batch: N/A

Units: ug/Kg

Instrument ID: Agilent 75MSD

Lab File ID: 070507021.D

Initial Weight/Volume: 5 g

Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	100	93.1	93	65 - 125	
Trichloroethene	100	87.3	87	74 - 134	
Chlorobenzene	100	101	101	61 - 121	
Surrogate	% Rec		Acceptance Limits		
Toluene-d8 (Surr)	94		70 - 130		
4-Bromofluorobenzene	101		60 - 140		
1,2-Dichloroethane-d4 (Surr)	100		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.



## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9806-1

### Method Blank - Batch: 720-23469

**Method: 8260B**  
**Preparation: 5035**

Lab Sample ID: MB 720-23469/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/05/2007 2117  
Date Prepared: 07/05/2007 1900

Analysis Batch: 720-23468  
Prep Batch: 720-23469  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 070507025.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	101	70 - 130	
4-Bromofluorobenzene	108	60 - 140	
1,2-Dichloroethane-d4 (Surr)	102	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9806-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-23469**

**Method: 8260B  
Preparation: 5035**

LCS Lab Sample ID: LCS 720-23469/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/05/2007 2026  
Date Prepared: 07/05/2007 1900

Analysis Batch: 720-23468  
Prep Batch: 720-23469  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 070507023.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-23469/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/05/2007 2052  
Date Prepared: 07/05/2007 1900

Analysis Batch: 720-23468  
Prep Batch: 720-23469  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 070507024.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	105	102	65 - 125	2	20		
Trichloroethene	96	96	74 - 134	1	20		
Chlorobenzene	106	107	61 - 121	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	99		97		70 - 130		
4-Bromofluorobenzene	109		108		60 - 140		
1,2-Dichloroethane-d4 (Surr)	101		100		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100  
NOVATO, CALIFORNIA 94947  
(415) 899-1600 FAX (415) 899-1600

LABORATORY: Seven Trent Laboratories Inc. (STL)  
SAMPLERS: Gary Thomas/Micuel Rizo

<sup>1/2</sup>  
SAMPLERS: Gary Thomas/Miguel Rizo

JOB NUMBER: 881-060-02-003

NAME / LOCATION: Sparkle Cleaners Site  
Eastmont Town Center

PROJECT MANAGER: Witt Mast

RECORDED:

# of Containers	5	Plany
-----------------	---	-------

720-9806

106171

ANALYSIS REQUESTED

[illegible]

	MATRIX	# of Containers & Preservatives	DEPTH IN FEET
Vapor			
Water			
Soil	X X X X X X		
Sedim't			
Unpres.			
EnCore			
H <sub>2</sub> SO <sub>4</sub>			
HNO <sub>3</sub>			
HCl			
Concrete	X		

[illegible]

## NOTES

Turn Around Time: 24-Hour TAT

\* 8010 List of analytes only

~~XX~~ Extract sample, but only run  
analYSIS of sample A2-B1-5.5' is

above 240  $\mu\text{g}/\text{kg}$

\*\*\* Extract sample, but only run analysis  
1<sup>st</sup> run + for sample B2-B1-5.5

Is above 240  $\mu\text{g}/\text{kg}$

	Verbal	ASAP	to	Moore/Rizzo
- Verbal Results				

## CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
DISPATCHED BY: (Signature)	RECEIVED FOR LAB BY: (Signature)	DATE	TIME

METHOD OF SHIPMENT: *Delivered by P&S to laboratory*

*12/30* *7/5/82* *Smith* *7/5/87* *18:22*

*100*

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: PES Environmental, Inc.

Job Number: 720-9806-1

**Login Number: 9806**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## ANALYTICAL REPORT

Job Number: 720-9813-1

Job Description: Sparkle Cleaner Site Oakland

For:  
PES Environmental, Inc.  
1682 Novato Boulevard  
Suite 100  
Novato, CA 94947-7021

Attention: Mr. Gary Thomas

---

Afsaneh Salimpour  
Project Manager I  
asalimpour@stl-inc.com  
07/10/2007

Project Manager: Afsaneh Salimpour

## EXECUTIVE SUMMARY - Detections

Client: PES Environmental, Inc.

Job Number: 720-9813-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-9813-5</b>	<b>BIN-COMP</b>				
Tetrachloroethene		45	4.8	ug/Kg	8260B
Arsenic		1.9	0.99	mg/Kg	6010B
Barium		110	0.99	mg/Kg	6010B
Chromium		42	0.99	mg/Kg	6010B
Cobalt		12	0.99	mg/Kg	6010B
Copper		19	0.99	mg/Kg	6010B
Lead		3.6	0.99	mg/Kg	6010B
Nickel		32	0.99	mg/Kg	6010B
Vanadium		37	0.99	mg/Kg	6010B
Zinc		16	0.99	mg/Kg	6010B
Mercury		0.36	0.048	mg/Kg	7471A

## METHOD SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9813-1

Description	Lab Location	Method	Preparation Method
<b>Matrix:</b> <b>Solid</b>			
Volatile Organic Compounds by GC/MS (Low Level)	STL SF	SW846 8260B	
Purge and Trap for Solids	STL SF		SW846 5030B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL SF		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	STL SF	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual	STL SF		SW846 7471A

### LAB REFERENCES:

STL SF = STL San Francisco

### METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## METHOD / ANALYST SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9813-1

Method	Analyst	Analyst ID
SW846 8260B	Le, Lien	LL
SW846 6010B	Pagba, Janice	JP
SW846 7471A	Pagba, Janice	JP



## SAMPLE SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9813-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-9813-5	BIN-COMP	Solid	07/06/2007 1325	07/06/2007 1635

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9813-1

**Client Sample ID: BIN-COMP**

Lab Sample ID: 720-9813-5

Client Matrix: Solid

Date Sampled: 07/06/2007 1325

Date Received: 07/06/2007 1635

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23501

Instrument ID: Agilent 75MSD

Preparation: 5030B

Lab File ID: 070607015.D

Dilution: 1.0

Initial Weight/Volume: 5.21 g

Date Analyzed: 07/06/2007 2046

Final Weight/Volume: 10 mL

Date Prepared: 07/06/2007 2046

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.8
1,1-Dichloroethane		ND		4.8
Dichlorodifluoromethane		ND		9.6
Vinyl chloride		ND		4.8
Chloroethane		ND		9.6
Trichlorofluoromethane		ND		4.8
Methylene Chloride		ND		9.6
trans-1,2-Dichloroethene		ND		4.8
cis-1,2-Dichloroethene		ND		4.8
Chloroform		ND		4.8
1,1,1-Trichloroethane		ND		4.8
Carbon tetrachloride		ND		4.8
1,2-Dichloroethane		ND		4.8
Trichloroethene		ND		4.8
1,2-Dichloropropane		ND		4.8
Dichlorobromomethane		ND		4.8
trans-1,3-Dichloropropene		ND		4.8
cis-1,3-Dichloropropene		ND		4.8
1,1,2-Trichloroethane		ND		4.8
Tetrachloroethene		45		4.8
Chlorodibromomethane		ND		4.8
Chlorobenzene		ND		4.8
Bromoform		ND		4.8
1,1,2,2-Tetrachloroethane		ND		4.8
1,3-Dichlorobenzene		ND		4.8
1,4-Dichlorobenzene		ND		4.8
1,2-Dichlorobenzene		ND		4.8
Chloromethane		ND		9.6
Bromomethane		ND		9.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.8
EDB		ND		4.8
1,2,4-Trichlorobenzene		ND		4.8
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		87		70 - 130
4-Bromofluorobenzene		95		60 - 140
1,2-Dichloroethane-d4 (Surr)		94		60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9813-1

**Client Sample ID: BIN-COMP**

Lab Sample ID: 720-9813-5  
Client Matrix: Solid

Date Sampled: 07/06/2007 1325  
Date Received: 07/06/2007 1635

### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-23510	Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-23502	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	1.01 g
Date Analyzed:	07/09/2007 1828		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2007 0746			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		2.0
Arsenic		1.9		0.99
Barium		110		0.99
Beryllium		ND		0.50
Cadmium		ND		0.50
Chromium		42		0.99
Cobalt		12		0.99
Copper		19		0.99
Lead		3.6		0.99
Molybdenum		ND		0.99
Nickel		32		0.99
Selenium		ND		2.0
Silver		ND		0.99
Thallium		ND		0.99
Vanadium		37		0.99
Zinc		16		0.99

### 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-23556	Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-23520	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	1.05 g
Date Analyzed:	07/10/2007 0708		Final Weight/Volume:	50 mL
Date Prepared:	07/09/2007 1225			

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.36		0.048

## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9813-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-23501</b>					
LCS 720-23501/1	Lab Control Spike	T	Solid	8260B	
LCSD 720-23501/2	Lab Control Spike Duplicate	T	Solid	8260B	
MB 720-23501/3	Method Blank	T	Solid	8260B	
720-9813-5	BIN-COMP	T	Solid	8260B	

#### Report Basis

T = Total

#### Metals

<b>Prep Batch: 720-23502</b>					
LCS 720-23502/2-A	Lab Control Spike	T	Solid	3050B	
LCSD 720-23502/3-A	Lab Control Spike Duplicate	T	Solid	3050B	
LCSSRM 720-23502/4-A	LCS-Standard Reference Material	T	Solid	3050B	
MB 720-23502/1-A	Method Blank	T	Solid	3050B	
720-9813-5	BIN-COMP	T	Solid	3050B	
<b>Analysis Batch:720-23510</b>					
LCS 720-23502/2-A	Lab Control Spike	T	Solid	6010B	720-23502
LCSD 720-23502/3-A	Lab Control Spike Duplicate	T	Solid	6010B	720-23502
LCSSRM 720-23502/4-A	LCS-Standard Reference Material	T	Solid	6010B	720-23502
MB 720-23502/1-A	Method Blank	T	Solid	6010B	720-23502
720-9813-5	BIN-COMP	T	Solid	6010B	720-23502
<b>Prep Batch: 720-23520</b>					
LCS 720-23520/2-A	Lab Control Spike	T	Solid	7471A	
LCSD 720-23520/3-A	Lab Control Spike Duplicate	T	Solid	7471A	
MB 720-23520/1-A	Method Blank	T	Solid	7471A	
720-9813-5	BIN-COMP	T	Solid	7471A	
<b>Analysis Batch:720-23556</b>					
LCS 720-23520/2-A	Lab Control Spike	T	Solid	7471A	720-23520
LCSD 720-23520/3-A	Lab Control Spike Duplicate	T	Solid	7471A	720-23520
MB 720-23520/1-A	Method Blank	T	Solid	7471A	720-23520
720-9813-5	BIN-COMP	T	Solid	7471A	720-23520

#### Report Basis

T = Total

STL San Francisco

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9813-1

### Method Blank - Batch: 720-23501

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-23501/3  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/06/2007 1310  
Date Prepared: 07/06/2007 1310

Analysis Batch: 720-23501  
Prep Batch: N/A  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 070607005.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	92	70 - 130	
4-Bromofluorobenzene	105	60 - 140	
1,2-Dichloroethane-d4 (Surr)	91	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9813-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-23501**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-23501/1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/06/2007 1219  
Date Prepared: 07/06/2007 1219

Analysis Batch: 720-23501  
Prep Batch: N/A  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 070607003.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-23501/2  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/06/2007 1244  
Date Prepared: 07/06/2007 1244

Analysis Batch: 720-23501  
Prep Batch: N/A  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 070607004.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	112	113	65 - 125	1	20		
Trichloroethene	96	99	74 - 134	4	20		
Chlorobenzene	97	101	61 - 121	4	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	88		92		70 - 130		
4-Bromofluorobenzene	103		109		60 - 140		
1,2-Dichloroethane-d4 (Surr)	87		91		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9813-1

### Method Blank - Batch: 720-23502

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 720-23502/1-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 07/09/2007 1731

Date Prepared: 07/09/2007 0746

Analysis Batch: 720-23510

Prep Batch: 720-23502

Units: mg/Kg

Instrument ID: Varian ICP

Lab File ID: N/A

Initial Weight/Volume: 1 g

Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Antimony	ND		2.0
Arsenic	ND		1.0
Barium	ND		1.0
Beryllium	ND		0.50
Cadmium	ND		0.50
Chromium	ND		1.0
Cobalt	ND		1.0
Copper	ND		1.0
Lead	ND		1.0
Molybdenum	ND		1.0
Nickel	ND		1.0
Selenium	ND		2.0
Silver	ND		1.0
Thallium	ND		1.0
Vanadium	ND		1.0
Zinc	ND		1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.



## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9813-1

### LCS-Standard Reference Material - Batch: 720-23502

Method: 6010B

Preparation: 3050B

Lab Sample ID: LCSSRM 720-23502/4-A

Analysis Batch: 720-23510

Instrument ID: Varian ICP

Client Matrix: Solid

Prep Batch: 720-23502

Lab File ID: N/A

Dilution: 1.0

Units: mg/Kg

Initial Weight/Volume: 1 g

Date Analyzed: 07/09/2007 1741

Final Weight/Volume: 50 mL

Date Prepared: 07/09/2007 0746

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	27.4	17.9	65	14 - 96	
Arsenic	22.7	20.2	89	72 - 128	
Barium	145	123	85	80 - 120	
Beryllium	1.09	0.885	81	65 - 134	
Cadmium	42.2	36.8	87	80 - 120	
Chromium	246	216	88	80 - 120	
Cobalt	65.1	61.1	94	72 - 128	
Copper	58.5	52.4	89	80 - 120	
Lead	44.1	36.8	83	75 - 126	
Molybdenum	61.0	58.2	95	62 - 138	
Nickel	96.8	82.2	85	80 - 120	
Selenium	165	148	90	80 - 120	
Silver	79.5	70.9	89	72 - 127	
Thallium	55.9	49.2	88	79 - 121	
Vanadium	56.7	52.3	92	63 - 137	
Zinc	44.0	39.1	89	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9813-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-23502**

**Method: 6010B  
Preparation: 3050B**

LCS Lab Sample ID: LCS 720-23502/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/09/2007 1734  
Date Prepared: 07/09/2007 0746

Analysis Batch: 720-23510  
Prep Batch: 720-23502  
Units: mg/Kg

Instrument ID: Varian ICP  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-23502/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/09/2007 1737  
Date Prepared: 07/09/2007 0746

Analysis Batch: 720-23510  
Prep Batch: 720-23502  
Units: mg/Kg

Instrument ID: Varian ICP  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Antimony	98	101	80 - 120	3	20		
Arsenic	102	104	80 - 120	2	20		
Barium	102	104	80 - 120	2	20		
Beryllium	100	102	80 - 120	2	20		
Cadmium	101	103	80 - 120	2	20		
Chromium	100	102	80 - 120	2	20		
Cobalt	102	104	80 - 120	2	20		
Copper	102	104	80 - 120	2	20		
Lead	101	103	80 - 120	2	20		
Molybdenum	106	109	80 - 120	3	20		
Nickel	100	102	80 - 120	2	20		
Selenium	103	105	80 - 120	2	20		
Silver	101	103	80 - 120	2	20		
Thallium	100	102	80 - 120	2	20		
Vanadium	102	103	80 - 120	2	20		
Zinc	102	103	80 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9813-1

### Method Blank - Batch: 720-23520

Lab Sample ID: MB 720-23520/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/10/2007 0704  
Date Prepared: 07/09/2007 1225

Analysis Batch: 720-23556  
Prep Batch: 720-23520  
Units: mg/Kg

### Method: 7471A Preparation: 7471A

Instrument ID: FIMS 100  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Mercury	ND		0.050

### Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-23520

### Method: 7471A Preparation: 7471A

LCS Lab Sample ID: LCS 720-23520/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/10/2007 0705  
Date Prepared: 07/09/2007 1225

Analysis Batch: 720-23556  
Prep Batch: 720-23520  
Units: mg/Kg

Instrument ID: FIMS 100  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-23520/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/10/2007 0706  
Date Prepared: 07/09/2007 1225

Analysis Batch: 720-23556  
Prep Batch: 720-23520  
Units: mg/Kg

Instrument ID: FIMS 100  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Mercury	114	113	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100  
NOVATO, CALIFORNIA 94947  
(415) 899-1600 FAX (415) 899-1601

LABORATORY: **Seven Trent Laboratories Inc. (STL)** SAMPLES:

MR

JOB NUMBER: 881, 060, 02.003  
Speykie, Clemons

720-9813

ANALYSIS REQUESTED

NAME / LOCATION: Eastment Town Center

PROJECT MANAGER: Will West

RECORDED:

MR

DATE			TIME	SAMPLE NUMBER / DESIGNATION
YR	MO	DY		
07	07	06	1325	B1 N-1/4 Contg
			1325	B1 N-1/4 Contg
			1325	B1 N-1/4 Contg
			1325	B1 N-1/4 Contg

[illegible]

					EPA 5035/8010		
					EPA 5035/8021		
			X	X	X	X	EPA 5035/8260B*
							TPHg by 5035/8015M
							TPHd by 8015M
							TPHmo by 8015M
							EPA 8270C
							MNA Parameters (see notes)
			X	X	X	X	Little ZZ (CAM17)*
			X	X	X	X	Total Metals (CAM17)

## NOTES

Turn Around Time: 24-Hour TAT

\* 8010 List of analytes only

- LAB Composite 4 to 1

~~do not expect for STL analysis~~  
do not until PES request.

STLC on 72 hr turnaround

## CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
DISPATCHED BY: (Signature)	DATE	TIME	RECEIVED FOR LAB BY: (Signature)
METHOD OF SHIPMENT			

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: PES Environmental, Inc.

Job Number: 720-9813-1

**Login Number: 9813**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	COMP 4:1



## ANALYTICAL REPORT

Job Number: 720-9836-1

Job Description: Sparkle Cleaner Site Oakland

For:  
PES Environmental, Inc.  
1682 Novato Boulevard  
Suite 100  
Novato, CA 94947-7021

Attention: Mr. Gary Thomas

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Afsaneh Salimpour  
Project Manager I  
asalimpour@stl-inc.com  
07/12/2007

Project Manager: Afsaneh Salimpour

**Job Narrative**  
**720-J9836-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method 8260B: Sample numbers 9836-3 and 5 had high concentrations of PCE and were over the calibration range. The high level methanol extraction was also performed and at 200X the reporting limit (RL) and were ND. Results are reported as estimated.

No other analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-9836-1</b> Tetrachloroethene	<b>B3-B1-5.5</b>	7.3	4.8	ug/Kg	8260B
<b>720-9836-2</b> Tetrachloroethene	<b>B3-B1-6.5</b>	22	4.5	ug/Kg	8260B
<b>720-9836-3</b> Trichloroethene Tetrachloroethene	<b>B3-S5-2.0</b>	26 340	4.8 4.8	ug/Kg ug/Kg	8260B 8260B
<b>720-9836-4</b> cis-1,2-Dichloroethene Trichloroethene	<b>B3-S4-3.0</b>	12 15	4.9 4.9	ug/Kg ug/Kg	8260B 8260B
<b>720-9836-5</b> Tetrachloroethene	<b>B3-S3-4.0</b>	310	4.2	ug/Kg	8260B
<b>720-9836-6</b> cis-1,2-Dichloroethene Trichloroethene	<b>B3-S6-3.5</b>	13 7.9	4.6 4.6	ug/Kg ug/Kg	8260B 8260B



## METHOD SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Description	Lab Location	Method	Preparation Method
<b>Matrix:</b> <b>Solid</b>			
Volatile Organic Compounds by GC/MS (Low Level)	STL SF	SW846 8260B	
Closed System Purge & Trap/Laboratory	STL SF		SW846 5035

### LAB REFERENCES:

STL SF = STL San Francisco

### METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986  
And Its Updates.

## METHOD / ANALYST SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Method	Analyst	Analyst ID
SW846 8260B	Le, Lien	LL

## SAMPLE SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-9836-1	B3-B1-5.5	Solid	07/09/2007 1530	07/09/2007 1724
720-9836-2	B3-B1-6.5	Solid	07/09/2007 1535	07/09/2007 1724
720-9836-3	B3-S5-2.0	Solid	07/09/2007 1545	07/09/2007 1724
720-9836-4	B3-S4-3.0	Solid	07/09/2007 1600	07/09/2007 1724
720-9836-5	B3-S3-4.0	Solid	07/09/2007 1610	07/09/2007 1724
720-9836-6	B3-S6-3.5	Solid	07/09/2007 1620	07/09/2007 1724

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Client Sample ID: B3-B1-5.5

Lab Sample ID: 720-9836-1

Client Matrix: Solid

Date Sampled: 07/09/2007 1530

Date Received: 07/09/2007 1724

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23580

Instrument ID: Agilent 75MSD

Preparation: 5035

Prep Batch: 720-23582

Lab File ID: 071007008.D

Dilution: 1.0

Initial Weight/Volume: 5.18 g

Date Analyzed: 07/10/2007 1401

Final Weight/Volume: 10 mL

Date Prepared: 07/10/2007 1100

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.8
1,1-Dichloroethane		ND		4.8
Dichlorodifluoromethane		ND		9.7
Vinyl chloride		ND		4.8
Chloroethane		ND		9.7
Trichlorofluoromethane		ND		4.8
Methylene Chloride		ND		9.7
trans-1,2-Dichloroethene		ND		4.8
cis-1,2-Dichloroethene		ND		4.8
Chloroform		ND		4.8
1,1,1-Trichloroethane		ND		4.8
Carbon tetrachloride		ND		4.8
1,2-Dichloroethane		ND		4.8
Trichloroethene		ND		4.8
1,2-Dichloropropane		ND		4.8
Dichlorobromomethane		ND		4.8
trans-1,3-Dichloropropene		ND		4.8
cis-1,3-Dichloropropene		ND		4.8
1,1,2-Trichloroethane		ND		4.8
Tetrachloroethene		7.3		4.8
Chlorodibromomethane		ND		4.8
Chlorobenzene		ND		4.8
Bromoform		ND		4.8
1,1,2,2-Tetrachloroethane		ND		4.8
1,3-Dichlorobenzene		ND		4.8
1,4-Dichlorobenzene		ND		4.8
1,2-Dichlorobenzene		ND		4.8
Chloromethane		ND		9.7
Bromomethane		ND		9.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.8
EDB		ND		4.8
1,2,4-Trichlorobenzene		ND		4.8
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		89		70 - 130
4-Bromofluorobenzene		106		60 - 140
1,2-Dichloroethane-d4 (Surr)		91		60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Client Sample ID: B3-B1-6.5

Lab Sample ID: 720-9836-2

Client Matrix: Solid

Date Sampled: 07/09/2007 1535

Date Received: 07/09/2007 1724

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23638

Instrument ID: Varian 3900G

Preparation: 5035

Prep Batch: 720-23640

Lab File ID: c:\saturnws\data\200707\07

Dilution: 1.0

Initial Weight/Volume: 5.56 g

Date Analyzed: 07/11/2007 1443

Final Weight/Volume: 10 mL

Date Prepared: 07/11/2007 0900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.5
1,1-Dichloroethane		ND		4.5
Dichlorodifluoromethane		ND		9.0
Vinyl chloride		ND		4.5
Chloroethane		ND		9.0
Trichlorofluoromethane		ND		4.5
Methylene Chloride		ND		9.0
trans-1,2-Dichloroethene		ND		4.5
cis-1,2-Dichloroethene		ND		4.5
Chloroform		ND		4.5
1,1,1-Trichloroethane		ND		4.5
Carbon tetrachloride		ND		4.5
1,2-Dichloroethane		ND		4.5
Trichloroethene		ND		4.5
1,2-Dichloropropane		ND		4.5
Dichlorobromomethane		ND		4.5
trans-1,3-Dichloropropene		ND		4.5
cis-1,3-Dichloropropene		ND		4.5
1,1,2-Trichloroethane		ND		4.5
Tetrachloroethene		22		4.5
Chlorodibromomethane		ND		4.5
Chlorobenzene		ND		4.5
Bromoform		ND		4.5
1,1,2,2-Tetrachloroethane		ND		4.5
1,3-Dichlorobenzene		ND		4.5
1,4-Dichlorobenzene		ND		4.5
1,2-Dichlorobenzene		ND		4.5
Chloromethane		ND		9.0
Bromomethane		ND		9.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.5
EDB		ND		4.5
1,2,4-Trichlorobenzene		ND		4.5
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		80		70 - 130
4-Bromofluorobenzene		76		60 - 140
1,2-Dichloroethane-d4 (Surr)		78		60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Client Sample ID: B3-S5-2.0

Lab Sample ID: 720-9836-3

Client Matrix: Solid

Date Sampled: 07/09/2007 1545

Date Received: 07/09/2007 1724

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23638

Instrument ID: Varian 3900G

Preparation: 5035

Prep Batch: 720-23640

Lab File ID: c:\saturnws\data\200707\07

Dilution: 1.0

Initial Weight/Volume: 5.20 g

Date Analyzed: 07/11/2007 1516

Final Weight/Volume: 10 mL

Date Prepared: 07/11/2007 0900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.8
1,1-Dichloroethane		ND		4.8
Dichlorodifluoromethane		ND		9.6
Vinyl chloride		ND		4.8
Chloroethane		ND		9.6
Trichlorofluoromethane		ND		4.8
Methylene Chloride		ND		9.6
trans-1,2-Dichloroethene		ND		4.8
cis-1,2-Dichloroethene		ND		4.8
Chloroform		ND		4.8
1,1,1-Trichloroethane		ND		4.8
Carbon tetrachloride		ND		4.8
1,2-Dichloroethane		ND		4.8
Trichloroethene		26		4.8
1,2-Dichloropropane		ND		4.8
Dichlorobromomethane		ND		4.8
trans-1,3-Dichloropropene		ND		4.8
cis-1,3-Dichloropropene		ND		4.8
1,1,2-Trichloroethane		ND		4.8
Tetrachloroethene		340		4.8
Chlorodibromomethane		ND		4.8
Chlorobenzene		ND		4.8
Bromoform		ND		4.8
1,1,2,2-Tetrachloroethane		ND		4.8
1,3-Dichlorobenzene		ND		4.8
1,4-Dichlorobenzene		ND		4.8
1,2-Dichlorobenzene		ND		4.8
Chloromethane		ND		9.6
Bromomethane		ND		9.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.8
EDB		ND		4.8
1,2,4-Trichlorobenzene		ND		4.8
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		74		70 - 130
4-Bromofluorobenzene		69		60 - 140
1,2-Dichloroethane-d4 (Surr)		76		60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9836-1

**Client Sample ID: B3-S4-3.0**

Lab Sample ID: 720-9836-4

Client Matrix: Solid

Date Sampled: 07/09/2007 1600

Date Received: 07/09/2007 1724

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23638

Instrument ID: Varian 3900G

Preparation: 5035

Prep Batch: 720-23640

Lab File ID: c:\saturnws\data\200707\07

Dilution: 1.0

Initial Weight/Volume: 5.13 g

Date Analyzed: 07/11/2007 1550

Final Weight/Volume: 10 mL

Date Prepared: 07/11/2007 0900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.9
1,1-Dichloroethane		ND		4.9
Dichlorodifluoromethane		ND		9.7
Vinyl chloride		ND		4.9
Chloroethane		ND		9.7
Trichlorofluoromethane		ND		4.9
Methylene Chloride		ND		9.7
trans-1,2-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		12		4.9
Chloroform		ND		4.9
1,1,1-Trichloroethane		ND		4.9
Carbon tetrachloride		ND		4.9
1,2-Dichloroethane		ND		4.9
Trichloroethene		15		4.9
1,2-Dichloropropane		ND		4.9
Dichlorobromomethane		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Chlorodibromomethane		ND		4.9
Chlorobenzene		ND		4.9
Bromoform		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,2-Dichlorobenzene		ND		4.9
Chloromethane		ND		9.7
Bromomethane		ND		9.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
EDB		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		72		70 - 130
4-Bromofluorobenzene		69		60 - 140
1,2-Dichloroethane-d4 (Surr)		74		60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9836-1

**Client Sample ID: B3-S3-4.0**

Lab Sample ID: 720-9836-5

Client Matrix: Solid

Date Sampled: 07/09/2007 1610

Date Received: 07/09/2007 1724

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23638

Instrument ID: Varian 3900G

Preparation: 5035

Prep Batch: 720-23640

Lab File ID: c:\saturnws\data\200707\07

Dilution: 1.0

Initial Weight/Volume: 5.89 g

Date Analyzed: 07/11/2007 1623

Final Weight/Volume: 10 mL

Date Prepared: 07/11/2007 0900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.2
1,1-Dichloroethane		ND		4.2
Dichlorodifluoromethane		ND		8.5
Vinyl chloride		ND		4.2
Chloroethane		ND		8.5
Trichlorofluoromethane		ND		4.2
Methylene Chloride		ND		8.5
trans-1,2-Dichloroethene		ND		4.2
cis-1,2-Dichloroethene		ND		4.2
Chloroform		ND		4.2
1,1,1-Trichloroethane		ND		4.2
Carbon tetrachloride		ND		4.2
1,2-Dichloroethane		ND		4.2
Trichloroethene		ND		4.2
1,2-Dichloropropane		ND		4.2
Dichlorobromomethane		ND		4.2
trans-1,3-Dichloropropene		ND		4.2
cis-1,3-Dichloropropene		ND		4.2
1,1,2-Trichloroethane		ND		4.2
Tetrachloroethene		310		4.2
Chlorodibromomethane		ND		4.2
Chlorobenzene		ND		4.2
Bromoform		ND		4.2
1,1,2,2-Tetrachloroethane		ND		4.2
1,3-Dichlorobenzene		ND		4.2
1,4-Dichlorobenzene		ND		4.2
1,2-Dichlorobenzene		ND		4.2
Chloromethane		ND		8.5
Bromomethane		ND		8.5
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.2
EDB		ND		4.2
1,2,4-Trichlorobenzene		ND		4.2
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		70		70 - 130
4-Bromofluorobenzene		66		60 - 140
1,2-Dichloroethane-d4 (Surr)		74		60 - 140



## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9836-1

Client Sample ID: B3-S6-3.5

Lab Sample ID: 720-9836-6

Client Matrix: Solid

Date Sampled: 07/09/2007 1620

Date Received: 07/09/2007 1724

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23638

Instrument ID: Varian 3900G

Preparation: 5035

Prep Batch: 720-23640

Lab File ID: c:\saturnws\data\200707\07

Dilution: 1.0

Initial Weight/Volume: 5.46 g

Date Analyzed: 07/11/2007 1657

Final Weight/Volume: 10 mL

Date Prepared: 07/11/2007 0900

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.6
1,1-Dichloroethane		ND		4.6
Dichlorodifluoromethane		ND		9.2
Vinyl chloride		ND		4.6
Chloroethane		ND		9.2
Trichlorofluoromethane		ND		4.6
Methylene Chloride		ND		9.2
trans-1,2-Dichloroethene		ND		4.6
cis-1,2-Dichloroethene		13		4.6
Chloroform		ND		4.6
1,1,1-Trichloroethane		ND		4.6
Carbon tetrachloride		ND		4.6
1,2-Dichloroethane		ND		4.6
Trichloroethene		7.9		4.6
1,2-Dichloropropane		ND		4.6
Dichlorobromomethane		ND		4.6
trans-1,3-Dichloropropene		ND		4.6
cis-1,3-Dichloropropene		ND		4.6
1,1,2-Trichloroethane		ND		4.6
Tetrachloroethene		ND		4.6
Chlorodibromomethane		ND		4.6
Chlorobenzene		ND		4.6
Bromoform		ND		4.6
1,1,2,2-Tetrachloroethane		ND		4.6
1,3-Dichlorobenzene		ND		4.6
1,4-Dichlorobenzene		ND		4.6
1,2-Dichlorobenzene		ND		4.6
Chloromethane		ND		9.2
Bromomethane		ND		9.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.6
EDB		ND		4.6
1,2,4-Trichlorobenzene		ND		4.6
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		77		70 - 130
4-Bromofluorobenzene		70		60 - 140
1,2-Dichloroethane-d4 (Surr)		77		60 - 140

## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9836-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-23580</b>					
LCS 720-23582/2-A	Lab Control Spike	T	Solid	8260B	720-23582
LCSD 720-23582/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-23582
MB 720-23582/1-A	Method Blank	T	Solid	8260B	720-23582
720-9836-1	B3-B1-5.5	T	Solid	8260B	720-23582
<b>Prep Batch: 720-23582</b>					
LCS 720-23582/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-23582/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-23582/1-A	Method Blank	T	Solid	5035	
720-9836-1	B3-B1-5.5	T	Solid	5035	
<b>Analysis Batch:720-23638</b>					
LCS 720-23640/2-A	Lab Control Spike	T	Solid	8260B	720-23640
LCSD 720-23640/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-23640
MB 720-23640/1-A	Method Blank	T	Solid	8260B	720-23640
720-9836-2	B3-B1-6.5	T	Solid	8260B	720-23640
720-9836-3	B3-S5-2.0	T	Solid	8260B	720-23640
720-9836-4	B3-S4-3.0	T	Solid	8260B	720-23640
720-9836-5	B3-S3-4.0	T	Solid	8260B	720-23640
720-9836-6	B3-S6-3.5	T	Solid	8260B	720-23640
<b>Prep Batch: 720-23640</b>					
LCS 720-23640/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-23640/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-23640/1-A	Method Blank	T	Solid	5035	
720-9836-2	B3-B1-6.5	T	Solid	5035	
720-9836-3	B3-S5-2.0	T	Solid	5035	
720-9836-4	B3-S4-3.0	T	Solid	5035	
720-9836-5	B3-S3-4.0	T	Solid	5035	
720-9836-6	B3-S6-3.5	T	Solid	5035	

#### Report Basis

T = Total

STL San Francisco

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9836-1

### Method Blank - Batch: 720-23582

**Method: 8260B**  
**Preparation: 5035**

Lab Sample ID: MB 720-23582/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/10/2007 1336  
Date Prepared: 07/10/2007 1100

Analysis Batch: 720-23580  
Prep Batch: 720-23582  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 071007007.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	92	70 - 130	
4-Bromofluorobenzene	108	60 - 140	
1,2-Dichloroethane-d4 (Surr)	92	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9836-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-23582**

**Method: 8260B  
Preparation: 5035**

LCS Lab Sample ID: LCS 720-23582/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/10/2007 1246  
Date Prepared: 07/10/2007 1100

Analysis Batch: 720-23580  
Prep Batch: 720-23582  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 071007005.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-23582/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/10/2007 1311  
Date Prepared: 07/10/2007 1100

Analysis Batch: 720-23580  
Prep Batch: 720-23582  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 071007006.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	110	116	65 - 125	5	20		
Trichloroethene	97	98	74 - 134	2	20		
Chlorobenzene	100	102	61 - 121	2	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	93		89		70 - 130		
4-Bromofluorobenzene	108		106		60 - 140		
1,2-Dichloroethane-d4 (Surr)	96		90		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9836-1

### Method Blank - Batch: 720-23640

**Method: 8260B**  
**Preparation: 5035**

Lab Sample ID: MB 720-23640/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/11/2007 1409  
Date Prepared: 07/11/2007 0900

Analysis Batch: 720-23638  
Prep Batch: 720-23640  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\07  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	91	70 - 130	
4-Bromofluorobenzene	85	60 - 140	
1,2-Dichloroethane-d4 (Surr)	94	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9836-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-23640**

**Method: 8260B  
Preparation: 5035**

LCS Lab Sample ID: LCS 720-23640/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/11/2007 1302  
Date Prepared: 07/11/2007 0900

Analysis Batch: 720-23638  
Prep Batch: 720-23640  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\071  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-23640/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/11/2007 1336  
Date Prepared: 07/11/2007 0900

Analysis Batch: 720-23638  
Prep Batch: 720-23640  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\071  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	92	87	65 - 125	5	20		
Trichloroethene	89	85	74 - 134	4	20		
Chlorobenzene	97	88	61 - 121	10	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	82		82		70 - 130		
4-Bromofluorobenzene	80		77		60 - 140		
1,2-Dichloroethane-d4 (Surr)	82		84		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100  
NOVATO, CALIFORNIA 94947  
(415) 899-1600 FAX (415) 899-1607

LABORATORY

577

JOB NUMBER:

081.060.02.003

NAME / LOCATION: 5

Sparkle Cleaners Site

PROJECT MANAGER:

GER: Will Mast

## SAMPLERS:

Michael Rizzo

720-9836

106297

ANALYSIS REQUESTED

07/12/2007

DATE				SAMPLE NUMBER / DESIGNATION
YR	MO	DAY	TIME	
07	07	09	1530	B3-B1-5.5
07	07	09	1535	B3-B1-6.5
07	07	09	1545	B3-5-5-2.0
07	07	09	1600	B3-54-30'
07	07	09	1610	B3-53-4.0'
07	07	09	1620	B3-56-3.5

[illegible]

	EPA 5035/8010
	EPA 5035/8021
X	EPA 5035/8260B *
X	TPHg by 5035/8015M
X	TPHd by 8015M
X	TPHmo by 8015M
	EPA 8270C
	MNA Parameters (see notes)

RUSH

ANALYSIS REQUESTED

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07/12/20

## NOTES

### Turn Around Time:

24-Hour TAT

\* Bold list of analytes only  
\*\* Extract sample, but only run analysis if sample B3-B1-5-5 is above 240 ug/kg  
PUN B3-B1-5-5 first

- Verbal Results ASA<sup>P</sup> to Miguel  
R120 @ 415 497 2741

## CHAIN OF CUSTODY RECORD

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE	TIME
DISPATCHED BY: (Signature)	DATE	TIME	RECEIVED FOR LAB BY: (Signature)
DISPATCHED BY: (Signature)	DATE	TIME	RECEIVED FOR LAB BY: (Signature)
METHOD OF SHIPMENT			



## LOGIN SAMPLE RECEIPT CHECK LIST

Client: PES Environmental, Inc.

Job Number: 720-9836-1

**Login Number: 9836**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	NA	samples taken in the lat 4 hours
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## ANALYTICAL REPORT

Job Number: 720-9873-1

Job Description: Sparkle Cleaner Site Oakland

For:  
PES Environmental, Inc.  
1682 Novato Boulevard  
Suite 100  
Novato, CA 94947-7021

Attention: Mr. Gary Thomas

---

Afsaneh Salimpour  
Project Manager I  
asalimpour@stl-inc.com  
07/13/2007

Project Manager: Afsaneh Salimpour

## EXECUTIVE SUMMARY - Detections

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-9873-1</b> Tetrachloroethene	<b>A1-S1-3.5</b>	40	4.3	ug/Kg	8260B
<b>720-9873-2</b> cis-1,2-Dichloroethene Trichloroethene	<b>A1-S2-4.0</b>	6.4 28	4.6 4.6	ug/Kg ug/Kg	8260B 8260B
<b>720-9873-3</b> Trichloroethene Tetrachloroethene	<b>B1-S2-2.0</b>	7.4 16	4.3 4.3	ug/Kg ug/Kg	8260B 8260B
<b>720-9873-4</b> Tetrachloroethene	<b>A1-B1-5.5</b>	7.5	4.6	ug/Kg	8260B
<b>720-9873-6</b> Tetrachloroethene	<b>B1-B1-5.5</b>	97	4.3	ug/Kg	8260B
<b>720-9873-8</b> Trichloroethene Tetrachloroethene	<b>B1-S3-3.0</b>	9.8 150	4.7 4.7	ug/Kg ug/Kg	8260B 8260B

## METHOD SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Description	Lab Location	Method	Preparation Method
<b>Matrix:</b> <b>Solid</b>			
Volatile Organic Compounds by GC/MS (Low Level)	STL SF	SW846 8260B	
Closed System Purge & Trap/Laboratory	STL SF		SW846 5035

### LAB REFERENCES:

STL SF = STL San Francisco

### METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986  
And Its Updates.

## METHOD / ANALYST SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Method	Analyst	Analyst ID
SW846 8260B	Le, Lien	LL

## SAMPLE SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-9873-1	A1-S1-3.5	Solid	07/11/2007 1202	07/11/2007 1820
720-9873-2	A1-S2-4.0	Solid	07/11/2007 1545	07/11/2007 1820
720-9873-3	B1-S2-2.0	Solid	07/11/2007 1600	07/11/2007 1820
720-9873-4	A1-B1-5.5	Solid	07/11/2007 1620	07/11/2007 1820
720-9873-6	B1-B1-5.5	Solid	07/11/2007 1610	07/11/2007 1820
720-9873-8	B1-S3-3.0	Solid	07/11/2007 1640	07/11/2007 1820

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Client Sample ID: A1-S1-3.5

Lab Sample ID: 720-9873-1

Client Matrix: Solid

Date Sampled: 07/11/2007 1202

Date Received: 07/11/2007 1820

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23653

Instrument ID: Varian 3900G

Preparation: 5035

Prep Batch: 720-23656

Lab File ID: c:\saturnws\data\200707\07

Dilution: 1.0

Initial Weight/Volume: 5.80 g

Date Analyzed: 07/12/2007 2135

Final Weight/Volume: 10 mL

Date Prepared: 07/12/2007 1000

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.3
1,1-Dichloroethane		ND		4.3
Dichlorodifluoromethane		ND		8.6
Vinyl chloride		ND		4.3
Chloroethane		ND		8.6
Trichlorofluoromethane		ND		4.3
Methylene Chloride		ND		8.6
trans-1,2-Dichloroethene		ND		4.3
cis-1,2-Dichloroethene		ND		4.3
Chloroform		ND		4.3
1,1,1-Trichloroethane		ND		4.3
Carbon tetrachloride		ND		4.3
1,2-Dichloroethane		ND		4.3
Trichloroethene		ND		4.3
1,2-Dichloropropane		ND		4.3
Dichlorobromomethane		ND		4.3
trans-1,3-Dichloropropene		ND		4.3
cis-1,3-Dichloropropene		ND		4.3
1,1,2-Trichloroethane		ND		4.3
Tetrachloroethene		40		4.3
Chlorodibromomethane		ND		4.3
Chlorobenzene		ND		4.3
Bromoform		ND		4.3
1,1,2,2-Tetrachloroethane		ND		4.3
1,3-Dichlorobenzene		ND		4.3
1,4-Dichlorobenzene		ND		4.3
1,2-Dichlorobenzene		ND		4.3
Chloromethane		ND		8.6
Bromomethane		ND		8.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.3
EDB		ND		4.3
1,2,4-Trichlorobenzene		ND		4.3

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	74	70 - 130
4-Bromofluorobenzene	67	60 - 140
1,2-Dichloroethane-d4 (Surr)	77	60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Client Sample ID: A1-S2-4.0

Lab Sample ID: 720-9873-2

Client Matrix: Solid

Date Sampled: 07/11/2007 1545

Date Received: 07/11/2007 1820

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-23653	Instrument ID:	Varian 3900G
Preparation:	5035	Prep Batch: 720-23656	Lab File ID:	c:\saturnws\data\200707\07
Dilution:	1.0		Initial Weight/Volume:	5.47 g
Date Analyzed:	07/12/2007 2209		Final Weight/Volume:	10 mL
Date Prepared:	07/12/2007 1000			

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.6
1,1-Dichloroethane		ND		4.6
Dichlorodifluoromethane		ND		9.1
Vinyl chloride		ND		4.6
Chloroethane		ND		9.1
Trichlorofluoromethane		ND		4.6
Methylene Chloride		ND		9.1
trans-1,2-Dichloroethene		ND		4.6
cis-1,2-Dichloroethene		6.4		4.6
Chloroform		ND		4.6
1,1,1-Trichloroethane		ND		4.6
Carbon tetrachloride		ND		4.6
1,2-Dichloroethane		ND		4.6
Trichloroethene		28		4.6
1,2-Dichloropropane		ND		4.6
Dichlorobromomethane		ND		4.6
trans-1,3-Dichloropropene		ND		4.6
cis-1,3-Dichloropropene		ND		4.6
1,1,2-Trichloroethane		ND		4.6
Tetrachloroethene		ND		4.6
Chlorodibromomethane		ND		4.6
Chlorobenzene		ND		4.6
Bromoform		ND		4.6
1,1,2,2-Tetrachloroethane		ND		4.6
1,3-Dichlorobenzene		ND		4.6
1,4-Dichlorobenzene		ND		4.6
1,2-Dichlorobenzene		ND		4.6
Chloromethane		ND		9.1
Bromomethane		ND		9.1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.6
EDB		ND		4.6
1,2,4-Trichlorobenzene		ND		4.6

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	72	70 - 130
4-Bromofluorobenzene	65	60 - 140
1,2-Dichloroethane-d4 (Surr)	77	60 - 140



## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Client Sample ID: B1-S2-2.0

Lab Sample ID: 720-9873-3

Client Matrix: Solid

Date Sampled: 07/11/2007 1600

Date Received: 07/11/2007 1820

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-23653

Instrument ID: Varian 3900G

Preparation: 5035

Prep Batch: 720-23656

Lab File ID: c:\saturnws\data\200707\07

Dilution: 1.0

Initial Weight/Volume: 5.75 g

Date Analyzed: 07/12/2007 2243

Final Weight/Volume: 10 mL

Date Prepared: 07/12/2007 1000

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.3
1,1-Dichloroethane		ND		4.3
Dichlorodifluoromethane		ND		8.7
Vinyl chloride		ND		4.3
Chloroethane		ND		8.7
Trichlorofluoromethane		ND		4.3
Methylene Chloride		ND		8.7
trans-1,2-Dichloroethene		ND		4.3
cis-1,2-Dichloroethene		ND		4.3
Chloroform		ND		4.3
1,1,1-Trichloroethane		ND		4.3
Carbon tetrachloride		ND		4.3
1,2-Dichloroethane		ND		4.3
Trichloroethene		7.4		4.3
1,2-Dichloropropane		ND		4.3
Dichlorobromomethane		ND		4.3
trans-1,3-Dichloropropene		ND		4.3
cis-1,3-Dichloropropene		ND		4.3
1,1,2-Trichloroethane		ND		4.3
Tetrachloroethene		16		4.3
Chlorodibromomethane		ND		4.3
Chlorobenzene		ND		4.3
Bromoform		ND		4.3
1,1,2,2-Tetrachloroethane		ND		4.3
1,3-Dichlorobenzene		ND		4.3
1,4-Dichlorobenzene		ND		4.3
1,2-Dichlorobenzene		ND		4.3
Chloromethane		ND		8.7
Bromomethane		ND		8.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.3
EDB		ND		4.3
1,2,4-Trichlorobenzene		ND		4.3

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	71	70 - 130
4-Bromofluorobenzene	67	60 - 140
1,2-Dichloroethane-d4 (Surr)	75	60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Client Sample ID: A1-B1-5.5

Lab Sample ID: 720-9873-4

Client Matrix: Solid

Date Sampled: 07/11/2007 1620

Date Received: 07/11/2007 1820

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-23653	Instrument ID:	Varian 3900G
Preparation:	5035	Prep Batch: 720-23656	Lab File ID:	c:\saturnws\data\200707\07
Dilution:	1.0		Initial Weight/Volume:	5.42 g
Date Analyzed:	07/12/2007 1526		Final Weight/Volume:	10 mL
Date Prepared:	07/12/2007 1000			

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.6
1,1-Dichloroethane		ND		4.6
Dichlorodifluoromethane		ND		9.2
Vinyl chloride		ND		4.6
Chloroethane		ND		9.2
Trichlorofluoromethane		ND		4.6
Methylene Chloride		ND		9.2
trans-1,2-Dichloroethene		ND		4.6
cis-1,2-Dichloroethene		ND		4.6
Chloroform		ND		4.6
1,1,1-Trichloroethane		ND		4.6
Carbon tetrachloride		ND		4.6
1,2-Dichloroethane		ND		4.6
Trichloroethene		ND		4.6
1,2-Dichloropropane		ND		4.6
Dichlorobromomethane		ND		4.6
trans-1,3-Dichloropropene		ND		4.6
cis-1,3-Dichloropropene		ND		4.6
1,1,2-Trichloroethane		ND		4.6
Tetrachloroethene		7.5		4.6
Chlorodibromomethane		ND		4.6
Chlorobenzene		ND		4.6
Bromoform		ND		4.6
1,1,2,2-Tetrachloroethane		ND		4.6
1,3-Dichlorobenzene		ND		4.6
1,4-Dichlorobenzene		ND		4.6
1,2-Dichlorobenzene		ND		4.6
Chloromethane		ND		9.2
Bromomethane		ND		9.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.6
EDB		ND		4.6
1,2,4-Trichlorobenzene		ND		4.6

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	81	70 - 130
4-Bromofluorobenzene	77	60 - 140
1,2-Dichloroethane-d4 (Surr)	78	60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Client Sample ID: B1-B1-5.5

Lab Sample ID: 720-9873-6

Client Matrix: Solid

Date Sampled: 07/11/2007 1610

Date Received: 07/11/2007 1820

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-23653	Instrument ID: Varian 3900G
Preparation:	5035	Prep Batch: 720-23656	Lab File ID: c:\saturnws\data\200707\07
Dilution:	1.0		Initial Weight/Volume: 5.82 g
Date Analyzed:	07/12/2007 1453		Final Weight/Volume: 10 mL
Date Prepared:	07/12/2007 1000		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.3
1,1-Dichloroethane		ND		4.3
Dichlorodifluoromethane		ND		8.6
Vinyl chloride		ND		4.3
Chloroethane		ND		8.6
Trichlorofluoromethane		ND		4.3
Methylene Chloride		ND		8.6
trans-1,2-Dichloroethene		ND		4.3
cis-1,2-Dichloroethene		ND		4.3
Chloroform		ND		4.3
1,1,1-Trichloroethane		ND		4.3
Carbon tetrachloride		ND		4.3
1,2-Dichloroethane		ND		4.3
Trichloroethene		ND		4.3
1,2-Dichloropropane		ND		4.3
Dichlorobromomethane		ND		4.3
trans-1,3-Dichloropropene		ND		4.3
cis-1,3-Dichloropropene		ND		4.3
1,1,2-Trichloroethane		ND		4.3
Tetrachloroethene		97		4.3
Chlorodibromomethane		ND		4.3
Chlorobenzene		ND		4.3
Bromoform		ND		4.3
1,1,2,2-Tetrachloroethane		ND		4.3
1,3-Dichlorobenzene		ND		4.3
1,4-Dichlorobenzene		ND		4.3
1,2-Dichlorobenzene		ND		4.3
Chloromethane		ND		8.6
Bromomethane		ND		8.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.3
EDB		ND		4.3
1,2,4-Trichlorobenzene		ND		4.3

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	78	70 - 130
4-Bromofluorobenzene	72	60 - 140
1,2-Dichloroethane-d4 (Surr)	81	60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9873-1

Client Sample ID: B1-S3-3.0

Lab Sample ID: 720-9873-8

Client Matrix: Solid

Date Sampled: 07/11/2007 1640

Date Received: 07/11/2007 1820

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-23653	Instrument ID:	Varian 3900G
Preparation:	5035	Prep Batch:	720-23656	Lab File ID:	c:\saturnws\data\200707\07
Dilution:	1.0			Initial Weight/Volume:	5.33 g
Date Analyzed:	07/12/2007 2316			Final Weight/Volume:	10 mL
Date Prepared:	07/12/2007 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.7
1,1-Dichloroethane		ND		4.7
Dichlorodifluoromethane		ND		9.4
Vinyl chloride		ND		4.7
Chloroethane		ND		9.4
Trichlorofluoromethane		ND		4.7
Methylene Chloride		ND		9.4
trans-1,2-Dichloroethene		ND		4.7
cis-1,2-Dichloroethene		ND		4.7
Chloroform		ND		4.7
1,1,1-Trichloroethane		ND		4.7
Carbon tetrachloride		ND		4.7
1,2-Dichloroethane		ND		4.7
Trichloroethene		9.8		4.7
1,2-Dichloropropane		ND		4.7
Dichlorobromomethane		ND		4.7
trans-1,3-Dichloropropene		ND		4.7
cis-1,3-Dichloropropene		ND		4.7
1,1,2-Trichloroethane		ND		4.7
Tetrachloroethene		150		4.7
Chlorodibromomethane		ND		4.7
Chlorobenzene		ND		4.7
Bromoform		ND		4.7
1,1,2,2-Tetrachloroethane		ND		4.7
1,3-Dichlorobenzene		ND		4.7
1,4-Dichlorobenzene		ND		4.7
1,2-Dichlorobenzene		ND		4.7
Chloromethane		ND		9.4
Bromomethane		ND		9.4
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.7
EDB		ND		4.7
1,2,4-Trichlorobenzene		ND		4.7

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	73	70 - 130
4-Bromofluorobenzene	67	60 - 140
1,2-Dichloroethane-d4 (Surr)	74	60 - 140

## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9873-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch: 720-23653</b>					
LCS 720-23656/2-A	Lab Control Spike	T	Solid	8260B	720-23656
LCSD 720-23656/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-23656
MB 720-23656/1-A	Method Blank	T	Solid	8260B	720-23656
720-9873-1	A1-S1-3.5	T	Solid	8260B	720-23656
720-9873-2	A1-S2-4.0	T	Solid	8260B	720-23656
720-9873-3	B1-S2-2.0	T	Solid	8260B	720-23656
720-9873-4	A1-B1-5.5	T	Solid	8260B	720-23656
720-9873-6	B1-B1-5.5	T	Solid	8260B	720-23656
720-9873-8	B1-S3-3.0	T	Solid	8260B	720-23656
<b>Prep Batch: 720-23656</b>					
LCS 720-23656/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-23656/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-23656/1-A	Method Blank	T	Solid	5035	
720-9873-1	A1-S1-3.5	T	Solid	5035	
720-9873-2	A1-S2-4.0	T	Solid	5035	
720-9873-3	B1-S2-2.0	T	Solid	5035	
720-9873-4	A1-B1-5.5	T	Solid	5035	
720-9873-6	B1-B1-5.5	T	Solid	5035	
720-9873-8	B1-S3-3.0	T	Solid	5035	

#### Report Basis

T = Total

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9873-1

### Method Blank - Batch: 720-23656

**Method: 8260B**  
**Preparation: 5035**

Lab Sample ID: MB 720-23656/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/12/2007 1346  
Date Prepared: 07/12/2007 1000

Analysis Batch: 720-23653  
Prep Batch: 720-23656  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\07  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	85	70 - 130	
4-Bromofluorobenzene	80	60 - 140	
1,2-Dichloroethane-d4 (Surr)	83	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9873-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-23656**

**Method: 8260B  
Preparation: 5035**

LCS Lab Sample ID: LCS 720-23656/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/12/2007 1238  
Date Prepared: 07/12/2007 1000

Analysis Batch: 720-23653  
Prep Batch: 720-23656  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\071  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-23656/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/12/2007 1312  
Date Prepared: 07/12/2007 1000

Analysis Batch: 720-23653  
Prep Batch: 720-23656  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\071  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	91	90	65 - 125	2	20		
Trichloroethene	92	94	74 - 134	2	20		
Chlorobenzene	93	95	61 - 121	3	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	82		84		70 - 130		
4-Bromofluorobenzene	78		78		60 - 140		
1,2-Dichloroethane-d4 (Surr)	82		81		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.



## CHAIN OF CUSTODY RECORD

1682 NOVATO BOULEVARD, SUITE 100  
NOVATO, CALIFORNIA 94947  
(415) 890-1500 FAX (415) 890-1500

10/25/27

NOVAIO, CALIFORNIA 94947  
(415) 900-4500 FAX (415) 900-4501571  
LABORATORY

SAMPLES: Michael Rizzo

ANALYSIS REQUESTED

JOB NUMBER: 881-660-02-003

NAME / LOCATION: Sparkle Cleaners site

PROJECT MANAGER: Will Mast

RECORDER: Michael Russo

720-9873

07/13/2007

DATE			SAMPLE NUMBER / DESIGNATION
YR	MO	DAY	
07	07	11	1202A1-S1-3.5
			1545A1-S2-4.0
			1600B1-S2-2.0
			1620A1-B1-5.5
			1630A1-B2-6.5
			1610B1-B1-5.5
			1615B1-B2-6.5
			1640B1-S3-3.0

[illegible][illegible]

## NOTES

Turn Around Time: 24-hour Turnaround

\* 2010 List of analytes only

\*\*\* Extract Sample, leaf-only ring

analysis of sample A1 & B1-5-5

$\frac{1}{n}$  above  $\frac{1}{10}$  or  $\frac{1}{e^9}$

analysis of sample B1-B1-5-5

is above 240 mg/mg


$$P \vdash \text{Sound} \wedge \neg P \vdash \neg \text{Sound} \quad \text{for } P \vdash \neg \text{Sound}$$

First 1167-774, w

- Call Miguel @ 915-777-6771

## CHAIN OF CUSTODY RECORD

DECLASSIFIED BY: (S) [Signature]

RELIQUISHED BY (Signature)  12/02/30

At Amburge

RELINQUISHED BY: (Signature)

RELINQUISHED BY: (signature)

DISPATCHED BY: (Signature)

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RECEIVED BY: *Sophomore* # *6015*

RECEIVED BY (Signature)	DATE	TIME
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364	365	366
367		

RECEIVED BY: (Signature)	DATE	TIME

RECEIVED BY: (Signature)	DATE	TIME
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TIME	RECEIVED FOR LAB BY: (Signature)	DATE	TIME

203 Burke 1/11/07 18:11

May 5, 50

Once Copy D1

424F:

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: PES Environmental, Inc.

Job Number: 720-9873-1

**Login Number: 9873**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## ANALYTICAL REPORT

Job Number: 720-9939-1

Job Description: Sparkle Cleaner Site Oakland

For:  
PES Environmental, Inc.  
1682 Novato Boulevard  
Suite 100  
Novato, CA 94947-7021

Attention: Mr. Gary Thomas

---

Afsaneh Salimpour  
Project Manager I  
asalimpour@stl-inc.com  
07/17/2007

Project Manager: Afsaneh Salimpour

## EXECUTIVE SUMMARY - Detections

Client: PES Environmental, Inc.

Job Number: 720-9939-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-9939-1</b>	<b>B3-S5-2.0'-1.0'</b>				
Trichloroethene		5.0	4.0	ug/Kg	8260B
Tetrachloroethene		74	4.0	ug/Kg	8260B
<b>720-9939-2</b>	<b>B3-S3-4.0'-1.0'</b>				
Tetrachloroethene		93	4.4	ug/Kg	8260B

## METHOD SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9939-1

Description	Lab Location	Method	Preparation Method
<b>Matrix:</b> <b>Solid</b>			
Volatile Organic Compounds by GC/MS (Low Level)	STL SF	SW846 8260B	
Closed System Purge & Trap/Laboratory	STL SF		SW846 5035

### LAB REFERENCES:

STL SF = STL San Francisco

### METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986  
And Its Updates.

## METHOD / ANALYST SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9939-1

Method	Analyst	Analyst ID
SW846 8260B	Le, Lien	LL

## SAMPLE SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-9939-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-9939-1	B3-S5-2.0'-1.0'	Solid	07/16/2007 1005	07/16/2007 1420
720-9939-2	B3-S3-4.0'-1.0'	Solid	07/16/2007 1355	07/16/2007 1420

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9939-1

Client Sample ID: B3-S5-2.0'-1.0'

Lab Sample ID: 720-9939-1

Client Matrix: Solid

Date Sampled: 07/16/2007 1005

Date Received: 07/16/2007 1420

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-23774	Instrument ID: Varian 3900G
Preparation:	5035	Prep Batch: 720-23783	Lab File ID: c:\saturnws\data\200707\07
Dilution:	1.0		Initial Weight/Volume: 6.22 g
Date Analyzed:	07/17/2007 0954		Final Weight/Volume: 10 mL
Date Prepared:	07/17/2007 0800		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.0
1,1-Dichloroethane		ND		4.0
Dichlorodifluoromethane		ND		8.0
Vinyl chloride		ND		4.0
Chloroethane		ND		8.0
Trichlorofluoromethane		ND		4.0
Methylene Chloride		ND		8.0
trans-1,2-Dichloroethene		ND		4.0
cis-1,2-Dichloroethene		ND		4.0
Chloroform		ND		4.0
1,1,1-Trichloroethane		ND		4.0
Carbon tetrachloride		ND		4.0
1,2-Dichloroethane		ND		4.0
Trichloroethene		5.0		4.0
1,2-Dichloropropane		ND		4.0
Dichlorobromomethane		ND		4.0
trans-1,3-Dichloropropene		ND		4.0
cis-1,3-Dichloropropene		ND		4.0
1,1,2-Trichloroethane		ND		4.0
Tetrachloroethene		74		4.0
Chlorodibromomethane		ND		4.0
Chlorobenzene		ND		4.0
Bromoform		ND		4.0
1,1,2,2-Tetrachloroethane		ND		4.0
1,3-Dichlorobenzene		ND		4.0
1,4-Dichlorobenzene		ND		4.0
1,2-Dichlorobenzene		ND		4.0
Chloromethane		ND		8.0
Bromomethane		ND		8.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.0
EDB		ND		4.0
1,2,4-Trichlorobenzene		ND		4.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	83	70 - 130
4-Bromofluorobenzene	77	60 - 140
1,2-Dichloroethane-d4 (Surr)	80	60 - 140



## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-9939-1

Client Sample ID: B3-S3-4.0'-1.0'

Lab Sample ID: 720-9939-2

Date Sampled: 07/16/2007 1355

Client Matrix: Solid

Date Received: 07/16/2007 1420

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-23774	Instrument ID:	Varian 3900G
Preparation:	5035	Prep Batch: 720-23783	Lab File ID:	c:\saturnws\data\200707\07
Dilution:	1.0		Initial Weight/Volume:	5.74 g
Date Analyzed:	07/17/2007 1027		Final Weight/Volume:	10 mL
Date Prepared:	07/17/2007 0800			

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.4
1,1-Dichloroethane		ND		4.4
Dichlorodifluoromethane		ND		8.7
Vinyl chloride		ND		4.4
Chloroethane		ND		8.7
Trichlorofluoromethane		ND		4.4
Methylene Chloride		ND		8.7
trans-1,2-Dichloroethene		ND		4.4
cis-1,2-Dichloroethene		ND		4.4
Chloroform		ND		4.4
1,1,1-Trichloroethane		ND		4.4
Carbon tetrachloride		ND		4.4
1,2-Dichloroethane		ND		4.4
Trichloroethene		ND		4.4
1,2-Dichloropropane		ND		4.4
Dichlorobromomethane		ND		4.4
trans-1,3-Dichloropropene		ND		4.4
cis-1,3-Dichloropropene		ND		4.4
1,1,2-Trichloroethane		ND		4.4
Tetrachloroethene		93		4.4
Chlorodibromomethane		ND		4.4
Chlorobenzene		ND		4.4
Bromoform		ND		4.4
1,1,2,2-Tetrachloroethane		ND		4.4
1,3-Dichlorobenzene		ND		4.4
1,4-Dichlorobenzene		ND		4.4
1,2-Dichlorobenzene		ND		4.4
Chloromethane		ND		8.7
Bromomethane		ND		8.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.4
EDB		ND		4.4
1,2,4-Trichlorobenzene		ND		4.4

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	79	70 - 130
4-Bromofluorobenzene	72	60 - 140
1,2-Dichloroethane-d4 (Surr)	84	60 - 140

## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9939-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch: 720-23774</b>					
LCS 720-23783/2-A	Lab Control Spike	T	Solid	8260B	720-23783
LCSD 720-23783/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-23783
MB 720-23783/1-A	Method Blank	T	Solid	8260B	720-23783
720-9939-1	B3-S5-2.0'-1.0'	T	Solid	8260B	720-23783
720-9939-2	B3-S3-4.0'-1.0'	T	Solid	8260B	720-23783
<b>Prep Batch: 720-23783</b>					
LCS 720-23783/2-A	Lab Control Spike	T	Solid	5035	
LCSD 720-23783/3-A	Lab Control Spike Duplicate	T	Solid	5035	
MB 720-23783/1-A	Method Blank	T	Solid	5035	
720-9939-1	B3-S5-2.0'-1.0'	T	Solid	5035	
720-9939-2	B3-S3-4.0'-1.0'	T	Solid	5035	

#### Report Basis

T = Total

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9939-1

### Method Blank - Batch: 720-23783

**Method: 8260B**  
**Preparation: 5035**

Lab Sample ID: MB 720-23783/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/17/2007 0921  
Date Prepared: 07/17/2007 0800

Analysis Batch: 720-23774  
Prep Batch: 720-23783  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\07  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	85	70 - 130	
4-Bromofluorobenzene	80	60 - 140	
1,2-Dichloroethane-d4 (Surr)	89	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-9939-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-23783**

**Method: 8260B  
Preparation: 5035**

LCS Lab Sample ID: LCS 720-23783/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/17/2007 1101  
Date Prepared: 07/17/2007 0800

Analysis Batch: 720-23774  
Prep Batch: 720-23783  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\071  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-23783/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/17/2007 1208  
Date Prepared: 07/17/2007 0800

Analysis Batch: 720-23774  
Prep Batch: 720-23783  
Units: ug/Kg

Instrument ID: Varian 3900G  
Lab File ID: c:\saturnws\data\200707\071  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	85	90	65 - 125	6	20		
Trichloroethene	87	85	74 - 134	3	20		
Chlorobenzene	90	88	61 - 121	2	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	86		83		70 - 130		
4-Bromofluorobenzene	79		81		60 - 140		
1,2-Dichloroethane-d4 (Surr)	85		83		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.



106315  
1682 NOVATO BOULEVARD, SUITE 100  
NOVATO, CALIFORNIA 94947  
(415) 899-1600 FAX (415) 899-1601

LABORATORY: STL  
JOB NUMBER: 081.060.02.003  
NAME / LOCATION: Sparkle cleaners  
PROJECT MANAGER: Will Mast

SAMPLERS: Miguel Rizo 720-9939

RECORDER: Miguel Rizo

[illegible][illegible][illegible]

NOTES		CHAIN OF CUSTODY RECORD					
Turn Around Time: <u>24 - hour</u>		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME
* 8010 List of analytes only		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME
- Verbal Results ASAP to Miguel		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME
@ 415-497-2741		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME
3 Will Mast @ 415-899-1600		DISPATCHED BY: (Signature)	DATE	TIME	RECEIVED FOR LAB BY: (Signature)	DATE	TIME
ext. 251		METHOD OF SHIPMENT:					
S. 70							

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: PES Environmental, Inc.

Job Number: 720-9939-1

**Login Number: 9939**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

## ANALYTICAL REPORT

Job Number: 720-10051-1

Job Description: Sparkle Cleaner Site Oakland

For:  
PES Environmental, Inc.  
1682 Novato Boulevard  
Suite 100  
Novato, CA 94947-7021

Attention: Mr. Gary Thomas



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Afsaneh Salimpour  
Project Manager I  
afsaneh.salimpour@testamericainc.com  
08/03/2007

**TestAmerica Laboratories, Inc.**

TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566  
Tel (925) 484-1919 Fax (925) 484-1096 [www.testamericainc.com](http://www.testamericainc.com)



## EXECUTIVE SUMMARY - Detections

Client: PES Environmental, Inc.

Job Number: 720-10051-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10051-4</b>	<b>BIN-1, 2, 3/3 COMP</b>				
Arsenic		4.0	1.0	mg/Kg	6010B
Barium		130	1.0	mg/Kg	6010B
Chromium		40	1.0	mg/Kg	6010B
Cobalt		13	1.0	mg/Kg	6010B
Copper		21	1.0	mg/Kg	6010B
Lead		5.3	1.0	mg/Kg	6010B
Nickel		47	1.0	mg/Kg	6010B
Vanadium		37	1.0	mg/Kg	6010B
Zinc		31	1.0	mg/Kg	6010B
Mercury		0.22	0.053	mg/Kg	7471A

## METHOD SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-10051-1

Description	Lab Location	Method	Preparation Method
<b>Matrix:</b> <b>Solid</b>			
Volatile Organic Compounds by GC/MS (Low Level)	STL SF	SW846 8260B	
Purge and Trap for Solids	STL SF		SW846 5030B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL SF		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	STL SF	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual	STL SF		SW846 7471A

### LAB REFERENCES:

STL SF = TestAmerica San Francisco

### METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## METHOD / ANALYST SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-10051-1

Method	Analyst	Analyst ID
SW846 8260B	Le, Lien	LL
SW846 6010B	Arndt, Christopher	CA
SW846 7471A	de Vera, Marcel	MDV

## SAMPLE SUMMARY

Client: PES Environmental, Inc.

Job Number: 720-10051-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10051-4	BIN-1, 2, 3/3 Comp	Solid	07/24/2007 0000	07/24/2007 1630

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-10051-1

Client Sample ID: BIN-1, 2, 3/3 Comp

Lab Sample ID: 720-10051-4

Client Matrix: Solid

Date Sampled: 07/24/2007 0000

Date Received: 07/24/2007 1630

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B

Analysis Batch: 720-24093

Instrument ID: Agilent 75MSD

Preparation: 5030B

Lab File ID: 072507008.D

Dilution: 1.0

Initial Weight/Volume: 5.07 g

Date Analyzed: 07/25/2007 1323

Final Weight/Volume: 10 mL

Date Prepared: 07/25/2007 1323

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
1,1-Dichloroethene		ND		4.9
1,1-Dichloroethane		ND		4.9
Dichlorodifluoromethane		ND		9.9
Vinyl chloride		ND		4.9
Chloroethane		ND		9.9
Trichlorofluoromethane		ND		4.9
Methylene Chloride		ND		9.9
trans-1,2-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
Chloroform		ND		4.9
1,1,1-Trichloroethane		ND		4.9
Carbon tetrachloride		ND		4.9
1,2-Dichloroethane		ND		4.9
Trichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
Dichlorobromomethane		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Chlorodibromomethane		ND		4.9
Chlorobenzene		ND		4.9
Bromoform		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,2-Dichlorobenzene		ND		4.9
Chloromethane		ND		9.9
Bromomethane		ND		9.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
EDB		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
4-Bromofluorobenzene	93	60 - 140
1,2-Dichloroethane-d4 (Surr)	94	60 - 140

## Analytical Data

Client: PES Environmental, Inc.

Job Number: 720-10051-1

### Client Sample ID: BIN-1, 2, 3/3 Comp

Lab Sample ID: 720-10051-4

Date Sampled: 07/24/2007 0000

Client Matrix: Solid

Date Received: 07/24/2007 1630

#### 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B

Analysis Batch: 720-24304

Instrument ID: Varian ICP

Preparation: 3050B

Prep Batch: 720-24270

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 1.00 g

Date Analyzed: 08/01/2007 1316

Final Weight/Volume: 50 mL

Date Prepared: 07/31/2007 1906

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		2.0
Arsenic		4.0		1.0
Barium		130		1.0
Beryllium		ND		0.50
Cadmium		ND		0.50
Chromium		40		1.0
Cobalt		13		1.0
Copper		21		1.0
Lead		5.3		1.0
Molybdenum		ND		1.0
Nickel		47		1.0
Selenium		ND		2.0
Silver		ND		1.0
Thallium		ND		1.0
Vanadium		37		1.0
Zinc		31		1.0

#### 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A

Analysis Batch: 720-24295

Instrument ID: FIMS 100

Preparation: 7471A

Prep Batch: 720-24271

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 0.95 g

Date Analyzed: 08/01/2007 1403

Final Weight/Volume: 50 mL

Date Prepared: 07/31/2007 1929

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.22		0.053

## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-10051-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-24093</b>					
LCS 720-24093/1	Lab Control Spike	T	Solid	8260B	
LCSD 720-24093/2	Lab Control Spike Duplicate	T	Solid	8260B	
MB 720-24093/3	Method Blank	T	Solid	8260B	
720-10051-4	BIN-1, 2, 3/3 Comp	T	Solid	8260B	
<b>Report Basis</b>					
T = Total					
<b>Metals</b>					
<b>Prep Batch: 720-24270</b>					
LCS 720-24270/2-A	Lab Control Spike	T	Solid	3050B	
LCSD 720-24270/3-A	Lab Control Spike Duplicate	T	Solid	3050B	
LCSSRM 720-24270/4-A	LCS-Standard Reference Material	T	Solid	3050B	
MB 720-24270/1-A	Method Blank	T	Solid	3050B	
720-10051-4	BIN-1, 2, 3/3 Comp	T	Solid	3050B	
<b>Prep Batch: 720-24271</b>					
LCS 720-24271/2-A	Lab Control Spike	T	Solid	7471A	
LCSD 720-24271/3-A	Lab Control Spike Duplicate	T	Solid	7471A	
MB 720-24271/1-A	Method Blank	T	Solid	7471A	
720-10051-4	BIN-1, 2, 3/3 Comp	T	Solid	7471A	
<b>Analysis Batch:720-24295</b>					
LCS 720-24271/2-A	Lab Control Spike	T	Solid	7471A	720-24271
LCSD 720-24271/3-A	Lab Control Spike Duplicate	T	Solid	7471A	720-24271
MB 720-24271/1-A	Method Blank	T	Solid	7471A	720-24271
720-10051-4	BIN-1, 2, 3/3 Comp	T	Solid	7471A	720-24271
<b>Analysis Batch:720-24304</b>					
LCS 720-24270/2-A	Lab Control Spike	T	Solid	6010B	720-24270
LCSD 720-24270/3-A	Lab Control Spike Duplicate	T	Solid	6010B	720-24270
LCSSRM 720-24270/4-A	LCS-Standard Reference Material	T	Solid	6010B	720-24270
MB 720-24270/1-A	Method Blank	T	Solid	6010B	720-24270
720-10051-4	BIN-1, 2, 3/3 Comp	T	Solid	6010B	720-24270

### Report Basis

T = Total



## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-10051-1

### Method Blank - Batch: 720-24093

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-24093/3

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 07/25/2007 1258

Date Prepared: 07/25/2007 1258

Analysis Batch: 720-24093

Prep Batch: N/A

Units: ug/Kg

Instrument ID: Agilent 75MSD

Lab File ID: 072507007.D

Initial Weight/Volume: 5 g

Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	ND		5.0
1,1-Dichloroethane	ND		5.0
Dichlorodifluoromethane	ND		10
Vinyl chloride	ND		5.0
Chloroethane	ND		10
Trichlorofluoromethane	ND		5.0
Methylene Chloride	ND		10
trans-1,2-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
Chloroform	ND		5.0
1,1,1-Trichloroethane	ND		5.0
Carbon tetrachloride	ND		5.0
1,2-Dichloroethane	ND		5.0
Trichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
Dichlorobromomethane	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Chlorodibromomethane	ND		5.0
Chlorobenzene	ND		5.0
Bromoform	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,2-Dichlorobenzene	ND		5.0
Chloromethane	ND		10
Bromomethane	ND		10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
EDB	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	91	70 - 130	
4-Bromofluorobenzene	91	60 - 140	
1,2-Dichloroethane-d4 (Surr)	92	60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-10051-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24093**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-24093/1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/25/2007 1208  
Date Prepared: 07/25/2007 1208

Analysis Batch: 720-24093  
Prep Batch: N/A  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 072507005.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-24093/2  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 07/25/2007 1233  
Date Prepared: 07/25/2007 1233

Analysis Batch: 720-24093  
Prep Batch: N/A  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 072507006.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1-Dichloroethene	102	107	65 - 125	5	20		
Trichloroethene	97	101	74 - 134	4	20		
Chlorobenzene	95	101	61 - 121	7	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	91		96		70 - 130		
4-Bromofluorobenzene	88		95		60 - 140		
1,2-Dichloroethane-d4 (Surr)	93		97		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-10051-1

### Method Blank - Batch: 720-24270

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 720-24270/1-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 08/01/2007 1302

Date Prepared: 07/31/2007 1906

Analysis Batch: 720-24304

Prep Batch: 720-24270

Units: mg/Kg

Instrument ID: Varian ICP

Lab File ID: N/A

Initial Weight/Volume: 1 g

Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Antimony	ND		2.0
Arsenic	ND		1.0
Barium	ND		1.0
Beryllium	ND		0.50
Cadmium	ND		0.50
Chromium	ND		1.0
Cobalt	ND		1.0
Copper	ND		1.0
Lead	ND		1.0
Molybdenum	ND		1.0
Nickel	ND		1.0
Selenium	ND		2.0
Silver	ND		1.0
Thallium	ND		1.0
Vanadium	ND		1.0
Zinc	ND		1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-10051-1

### LCS-Standard Reference Material - Batch: 720-24270

Method: 6010B

Preparation: 3050B

Lab Sample ID: LCSSRM 720-24270/4-A

Analysis Batch: 720-24304

Instrument ID: Varian ICP

Client Matrix: Solid

Prep Batch: 720-24270

Lab File ID: N/A

Dilution: 1.0

Units: mg/Kg

Initial Weight/Volume: 0.99 g

Date Analyzed: 08/01/2007 1312

Final Weight/Volume: 50 mL

Date Prepared: 07/31/2007 1906

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	27.4	12.3	45	14 - 96	
Arsenic	22.7	22.0	97	72 - 128	
Barium	145	124	85	80 - 120	
Beryllium	1.09	0.955	88	65 - 134	
Cadmium	42.2	37.5	89	80 - 120	
Chromium	246	226	92	80 - 120	
Cobalt	65.1	67.5	104	72 - 128	
Copper	58.5	53.9	92	80 - 120	
Lead	44.1	37.8	86	75 - 126	
Molybdenum	61.0	55.3	91	62 - 138	
Nickel	96.8	85.2	88	80 - 120	
Selenium	165	158	95	80 - 120	
Silver	79.5	70.4	89	72 - 127	
Thallium	55.9	49.7	89	79 - 121	
Vanadium	56.7	53.0	93	63 - 137	
Zinc	44.0	35.7	81	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-10051-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24270**

**Method: 6010B  
Preparation: 3050B**

LCS Lab Sample ID: LCS 720-24270/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/01/2007 1304  
Date Prepared: 07/31/2007 1906

Analysis Batch: 720-24304  
Prep Batch: 720-24270  
Units: mg/Kg

Instrument ID: Varian ICP  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-24270/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/01/2007 1308  
Date Prepared: 07/31/2007 1906

Analysis Batch: 720-24304  
Prep Batch: 720-24270  
Units: mg/Kg

Instrument ID: Varian ICP  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Antimony	92	97	80 - 120	5	20		
Arsenic	102	105	80 - 120	4	20		
Barium	95	98	80 - 120	3	20		
Beryllium	94	98	80 - 120	3	20		
Cadmium	94	97	80 - 120	3	20		
Chromium	95	99	80 - 120	3	20		
Cobalt	96	99	80 - 120	3	20		
Copper	96	99	80 - 120	3	20		
Lead	94	97	80 - 120	3	20		
Molybdenum	99	103	80 - 120	4	20		
Nickel	94	97	80 - 120	3	20		
Selenium	99	103	80 - 120	4	20		
Silver	95	98	80 - 120	3	20		
Thallium	93	96	80 - 120	3	20		
Vanadium	95	98	80 - 120	3	20		
Zinc	94	97	80 - 120	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: PES Environmental, Inc.

Job Number: 720-10051-1

### Method Blank - Batch: 720-24271

**Method: 7471A**  
**Preparation: 7471A**

Lab Sample ID: MB 720-24271/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/01/2007 1359  
Date Prepared: 07/31/2007 1929

Analysis Batch: 720-24295  
Prep Batch: 720-24271  
Units: mg/Kg

Instrument ID: FIMS 100  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Mercury	ND		0.050

### Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-24271

**Method: 7471A**  
**Preparation: 7471A**

LCS Lab Sample ID: LCS 720-24271/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/01/2007 1400  
Date Prepared: 07/31/2007 1929

Analysis Batch: 720-24295  
Prep Batch: 720-24271  
Units: mg/Kg

Instrument ID: FIMS 100  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-24271/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/01/2007 1402  
Date Prepared: 07/31/2007 1929

Analysis Batch: 720-24295  
Prep Batch: 720-24271  
Units: mg/Kg

Instrument ID: FIMS 100  
Lab File ID: N/A  
Initial Weight/Volume: 1 g  
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Mercury	99	101	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.



1682 NOVATO BOULEVARD, SUITE 100  
NOVATO, CALIFORNIA 94947  
(415) 899-1600 FAX (415) 899-1601

MR, DN

881-060-03-002

Sparkle Cleaners M/W Inst.

RECORDER:

MR

[illegible][illegible]

ANALYSIS REQUESTED	
EPA 5035/8010	
EPA 5035/8021	X
EPA 5035/8260B	
TPHg by 5035/8015M	
TPHd by 8015M	
TPHmo by 8015M	
EPA 8270C	
MNA Parameters (see notes)	
	X
	X

NOTES		CHAIN OF CUSTODY RECORD						
Turn Around Time: <b>STANDARD</b>		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME	
<b>*8610 List of analytes</b>		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME	
<b>Composite 3 to 1</b>		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME	
		RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE	TIME	
		DISPATCHED BY: (Signature)		DATE	TIME	RECEIVED FOR LAB BY: (Signature)	DATE	TIME
		METHOD OF SHIPMENT:						

**CR30**

**For Bull**

**7/24/07 16:30**

**4 HRS**  
**Temp. 15.0°C**

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: PES Environmental, Inc.

Job Number: 720-10051-1

**Login Number: 10051**

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	3:1 COMP



**DISTRIBUTION**

**POST-REMEDIATION REPORT  
VOLUNTARY SOIL REMEDIATION  
SPARKLE CLEANERS  
EASTMONT TOWN CENTER  
7000 BANCROFT AVENUE  
OAKLAND, CALIFORNIA**

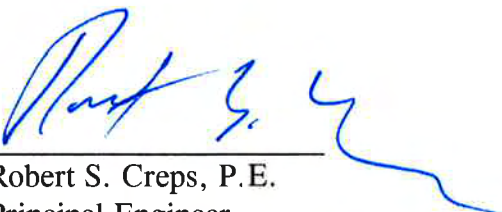
**SEPTEMBER 9, 2007**

**COPY NO. \_\_\_\_**

Copy No.

1 Copy	Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502  Attention: Mr. Jerry Wickham	PDF only
1 Copy	SKB – Eastmont Oakland Associates, LLC 1211 SW Fifth Avenue, Suite 2600 Portland, Oregon 97204  Attention: Ms. Kathleen Schultz	1
3 Copies	PES Job Files	2 - 4
1 Copy	Unbound Original	5

**QUALITY CONTROL REVIEWER**

  
\_\_\_\_\_  
Robert S. Creps, P.E.  
Principal Engineer

December 22, 2014

SCANLAN KEMPER BARD COMPANIES  
REAL ESTATE MERCHANT BANKING

**881.060.03.013**

Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Attention: Mr. Jerry Wickham

**Transmittal**  
**Groundwater Monitoring Report, Second Semi-Annual 2014 Event**  
**Sparkle Cleaners**  
**Eastmont Town Center**  
**7000 Bancroft Avenue**  
**Oakland, California**  
**SLIC Case RO0002942**

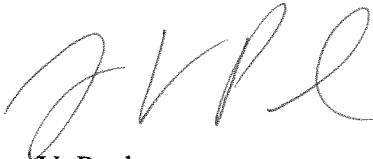
Dear Mr. Wickham:

Submitted herewith for your review is the Groundwater Monitoring Report for the Second Semi-Annual 2014 Event, prepared by PES Environmental, Inc.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Yours very truly,

**Eastmont Oakland Associates, LLC**



James V. Paul  
Executive Vice President – Asset Management

cc: Gary Thomas – PES Environmental, Inc.  
Ms. Beena Standig – Unico Management Services

88106003T012.docx



A Report Prepared for:

Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Attention: Mr. Jerry Wickham

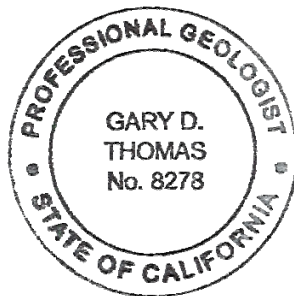
**GROUNDWATER MONITORING REPORT  
SECOND SEMI-ANNUAL 2014 EVENT  
SPARKLE CLEANERS  
EASTMONT TOWN CENTER  
7000 BANCROFT AVENUE  
OAKLAND, CALIFORNIA**

**DECEMBER 22, 2014**

By:

A handwritten signature in blue ink, appearing to read 'Gary Thomas', is written over a horizontal line.

Gary Thomas, P.G.  
Senior Geologist



A handwritten signature in blue ink, appearing to read 'William W. Mast', is written over a horizontal line.

William W. Mast, P.G.  
Principal Engineer

**881.060.03.013**

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DISTRIBUTION

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Plate 1	Site Location Map
Plate 2	Interpretive Groundwater Potentiometric Surface Map – November 21, 2014

## 1.0 INTRODUCTION

This report presents the results of groundwater monitoring activities conducted during the second semi-annual 2014 monitoring event at the Sparkle Cleaners facility (Site). The Site is located at 7000 Bancroft Avenue, Oakland, California and is situated in the northwest portion of Eastmont Town Center (Plates 1 and 2). Sparkle Cleaners is an active dry-cleaning facility. Until December 2008, tetrachloroethene (PCE) was used as the dry-cleaning solvent. At that time the PCE-based equipment was decommissioned, removed from the property, and replaced with new clothes cleaning equipment that utilizes “wet-cleaning” technology with a soy-based cleaner (i.e., no hazardous chemicals are used or stored on the Site). This report has been prepared for the Alameda County Environmental Health Department (ACEH) by PES Environmental, Inc. (PES) on behalf of SKB – Eastmont Oakland Associates, LLC (SKBEOA), the property owner.

## 2.0 BACKGROUND INFORMATION

The groundwater monitoring activities were conducted in accordance with the Remedial Action Workplan (RAW) that was approved by ACEH in a letter dated February 27, 2007 (PES, 2007a; ACEH, 2007a). The scope of work in the RAW also included removing the source of PCE soil contamination beneath Sparkle Cleaners and installing four groundwater monitoring wells. Excavation activities to remove the source of PCE in soil were successfully completed in July 2007 and documented in the report titled *Post-Remediation Report, Voluntary Soil Remediation, Sparkle Cleaners, Eastmont Town Center, 7000 Bancroft Avenue, Oakland, California* (PES, 2007b) that was previously submitted to ACEH. The groundwater monitoring wells were installed in July 2007 and the baseline groundwater sampling event was conducted in August 2007. The details of the well installations and the results of the baseline sampling event are presented in the *Third Quarter 2007 Groundwater Monitoring Report* (PES, 2007c). In a letter dated October 4, 2007, ACEH provided comments on the *Post-Remediation Report* and requested additional analytical testing during two quarters of groundwater monitoring (ACEH, 2007b). After four quarters of groundwater monitoring were completed in June 2008, PES recommended that the frequency of monitoring be reduced to a semi-annual basis (PES, 2008). ACEH agreed with this recommendation in a letter dated October 23, 2008 (ACEH, 2008).

As described in the RAW, the purpose of the groundwater monitoring is to: (1) document the initial concentrations of volatile organic compounds (VOCs) in the newly installed wells at the Site; (2) monitor groundwater flow directions(s), gradient, and seasonal fluctuations; (3) evaluate the groundwater chemical response to the removal of the source of contamination; and (4) verify that groundwater quality down gradient of Sparkle Cleaners is not declining.

### **3.0 SITE DESCRIPTION**

The Sparkle Cleaners tenant space (Suite 11) covers approximately 1,800 square feet in the northwest portion of Eastmont Town Center (Plate 2). The area in front (north) of Sparkle Cleaners includes storefront parking and a mall driveway. The rear (south) of the tenant space opens into a common hallway that traverses the width of the building from east to west. An alleyway is located approximately 20 feet to the east.

The ground surface elevation at Sparkle Cleaners is approximately 60 feet above mean seal level (MSL). The Site topography slopes gently to the southwest. To the east and northeast of the Site, the topography steepens and continues to rise to approximately 360 feet MSL (Plate 1).

### **4.0 GROUNDWATER MONITORING WELL SAMPLING ACTIVITIES**

Groundwater monitoring activities for the current event consisted of: (1) collection of depth to groundwater measurements and calculation of groundwater elevations; (2) groundwater sample collection; and (3) laboratory analysis of the samples for halogenated VOCs. Field activities were conducted by Blaine Tech Services (BTS) of San Jose, California on November 21, 2014. Construction details for the four monitoring wells are provided in Table 1.

#### **4.1 Depth to Groundwater Measurements**

Depth-to-groundwater measurements were obtained for the monitoring wells using an electronic water-level indicator and recorded to the nearest 0.01-foot. The portion of the water-level indicator that was submerged in the wells was cleaned with a solution of Alconox and deionized (DI) water, and then rinsed with DI water between measurements. Decontamination fluids were stored temporarily on the Site in a DOT-approved 55-gallon drum pending off-Site disposal. Depth-to-groundwater data were converted to groundwater elevations referenced to mean sea level and are presented in Table 2. Groundwater elevation contours are presented on Plate 2.

#### **4.2 Monitoring Well Sampling**

After collecting water-level data, BTS collected monitoring well samples for laboratory analysis. A minimum of three casing volumes of groundwater were purged from the wells with an electric submersible pump prior to collecting the samples. Samples were collected using a disposable bailer and decanted into laboratory-provided sample containers. Groundwater temperature, pH, conductivity, and turbidity were monitored during purging. The BTS monitoring well sampling forms are presented in Appendix A.

The samples were transported to TestAmerica Laboratories, Inc. (TestAmerica) under chain-of-custody protocol and analyzed for halogenated VOCs (8010 list) using U.S. Environmental Protection Agency (EPA) Test Method 8260B.

## **5.0 GROUNDWATER MONITORING RESULTS**

### **5.1 Groundwater Elevation Measurements**

Groundwater elevations measured during the current monitoring event ranged from 22.10 feet MSL in well MW-01 to 32.03 feet MSL in well MW-02 (see Table 2 and Plate 2). As indicated on Plate 2, the elevation data from well MW-02 is not used for contouring because the groundwater elevation in this well is significantly higher than the elevations in the other wells. As described in the previous monitoring reports, the cause of the higher water-level elevation at well MW-02 appears to be from a screen interval that is at least 9 feet shallower (i.e., relative to the ground surface) than the other three wells. Well MW-02 was constructed in this manner because groundwater was observed at a shallower depth while drilling the borehole for this well.

Based on the groundwater elevation data from wells MW-01, MW-03, and MW-04, the hydraulic gradient during the current monitoring event was approximately 0.045 foot per foot to the west (see Plate 2). In addition, the analytical results discussed below suggest a westerly to northwesterly direction for groundwater flow.

### **5.2 Groundwater Sample Analytical Results**

The analytical results for the groundwater samples collected during the current monitoring event are summarized below and presented in Table 3. The laboratory analytical report and chain-of-custody documentation are provided in Appendix B.

PCE was detected in three of the four monitoring wells at concentrations ranging from 1.2 micrograms per liter ( $\mu\text{g/L}$ ) in well MW-03 to 120  $\mu\text{g/L}$  in well MW-01 (PCE was also detected at 130  $\mu\text{g/L}$  in the duplicate sample from well MW-01). TCE was detected at a concentration of 3.0  $\mu\text{g/L}$  in well MW-01 and cis-1,2-dichloroethene (cis-1,2-DCE) was detected at a concentration of 0.83  $\mu\text{g/L}$  in well MW-03. No other VOCs were detected at concentrations exceeding laboratory reporting limits in the samples from wells MW-01 through MW-03, and no VOCs were detected in well MW-04 (Table 3).

The distribution of PCE and TCE in groundwater is consistent with the observed westerly groundwater flow direction, and with prior monitoring data.



### **5.3 Quality Assurance/Quality Control Assessment of Chemical Data**

The quality of the chemical data reported by TestAmerica was assessed from the results of internal laboratory spike and method blank. The data are within acceptable recovery limits. The results for the duplicate sample collected at MW-01 indicate good reproducibility with PCE and TCE detected in both the regular and duplicate sample. The relative percent differences for the PCE and TCE concentrations detected in this sample are 8.0 and 0 percent, respectively. The water samples were analyzed within acceptable EPA holding times. The data from TestAmerica are considered to be representative and of good quality.

## **6.0 SUMMARY**

The second semi-annual 2014 groundwater monitoring event has been conducted in accordance with approved procedures.

Based on the groundwater elevation data from wells MW-01, MW-03, and MW-04, groundwater flow at the Site during this sampling event continues to be westerly (see Plate 2). The only VOC constituents detected above laboratory reporting limits in groundwater during this monitoring event were PCE, TCE, and cis-1,2-DCE. The maximum concentrations of PCE and TCE were detected in well MW-01 at 120 µg/L and 3.0 µg/L, respectively. PCE and TCE were also detected at 130 µg/L and 3.0 µg/L, respectively, in the duplicate sample from well MW-01. These concentrations are generally similar to those observed during previous monitoring events. Groundwater monitoring data collected since removal of the vadose zone source area in 2007 indicate that VOC concentrations are fairly stable in downgradient monitoring wells MW-01 and MW-02.

The next monitoring event is scheduled for March 2015.

## **7.0 REFERENCES**

- Alameda County Environmental Health (ACEH), 2007a. *SLIC Case RO0002942 and Geotracker Global ID SLT19735483, Sparkle Cleaners, 7000 Bancroft Avenue, Oakland, CA 94605 – Work Plan Approval*. February 27.
- ACEH, 2007b. *SLIC Case RO0002942 and Geotracker Global ID SLT19735483, Sparkle Cleaners, 7000 Bancroft Avenue, Oakland, CA 94605 – Post-Remediation Report Review*. October 4.
- ACEH, 2008. *SLIC Case RO0002942 and Geotracker Global ID SLT19735483, Sparkle Cleaners, 7000 Bancroft Avenue, Oakland, CA 94605 – Post-Remediation Report Review*. October 23.

ACEH, 2009. *SLIC Case RO0002942 and Geotracker Global ID SLT19735483, Sparkle Cleaners, 7000 Bancroft Avenue, Oakland, CA 94605 – Groundwater Monitoring.* September 4.

PES Environmental, Inc. (PES), 2007a. *Remedial Action Workplan, Voluntary Soil Remediation, Sparkle Cleaner, Eastmont Town Center, 7000 Bancroft Avenue, Oakland, California.* January 5.

PES, 2007b. *Post-Remediation Report, Voluntary Soil Remediation, Sparkle Cleaners, Eastmont Town Center, 7000 Bancroft Avenue, Oakland, California.* September 9.

PES, 2007c. *Third Quarter 2007 Groundwater Monitoring Report, Sparkle Cleaners, Eastmont Town Center, 7000 Bancroft Avenue, Oakland, California.* October 8.

PES, 2008. *Second Quarter 2008 Groundwater Monitoring Report, Sparkle Cleaners, Eastmont Town Center, 7000 Bancroft Avenue, Oakland, California.* September 29.

## **TABLES**

**Table 1**  
**Groundwater Monitoring Well Construction Details**  
**Sparkle Cleaners**  
**Eastmont Town Center**  
**7000 Bancroft Avenue**  
**Oakland, California**

<b>Well ID</b>	<b>Date Completed</b>	<b>Top of Casing Elevation (feet MSL)</b>	<b>Borehole Diameter (inches)</b>	<b>Borehole Depth (feet bgs)</b>	<b>Well Depth (feet bgs)</b>	<b>Casing Diameter (inches)</b>	<b>Screen Interval (feet bgs)</b>	<b>Sand Filter Pack Interval (feet bgs)</b>	<b>Screen Slot Size (inches)</b>
MW-01	7/23/2007	49.51	8	47	47	2	31.5 to 46.5	29.5 to 47	0.020
MW-02	7/24/2007	49.07	8	36.5	35	2	19.5 to 34.5	17.5 to 36.5	0.020
MW-03	7/24/2007	50.43	8	44	44	2	28.5 to 43.5	26.5 to 44	0.020
MW-04	7/23/2007	49.81	8	48.5	48.5	2	33 to 48	31 to 48.5	0.020

**Note:**

bgs - Below ground surface

MSL - Mean sea level

**Table 2**  
**Groundwater Elevation Data**  
**Sparkle Cleaners**  
**Eastmont Town Center**  
**7000 Bancroft Avenue**  
**Oakland, California**

<b>Well ID</b>	<b>Date Measured</b>	<b>Top of Casing Elevation (feet MSL)</b>	<b>Depth to Groundwater (feet BTOC)</b>	<b>Groundwater Elevation (feet MSL)</b>
MW-01	8/7/2007	49.51	23.62	25.89
MW-01	11/19/2007	49.51	24.85	24.66
MW-01	2/6/2008	49.51	22.93	26.58
MW-01	5/15/2008	49.51	23.52	25.99
MW-01	11/19/2008	49.51	26.80	22.71
MW-01	5/14/2009	49.51	23.92	25.59
MW-01	1/5/2010	49.51	25.64	23.87
MW-01	5/20/2011	49.51	21.02	28.49
MW-01	3/18/2013	49.51	23.40	26.11
MW-01	9/27/2013	49.51	25.69	23.82
MW-01	3/12/2014	49.51	26.52	22.99
MW-01	11/21/2014	49.51	27.41	22.10
MW-02	8/7/2007	49.07	14.30	34.77
MW-02	11/19/2007	49.07	14.83	34.24
MW-02	2/6/2008	49.07	14.11	34.96
MW-02	5/15/2008	49.07	13.07	36.00
MW-02	11/19/2008	49.07	17.57	31.50
MW-02	5/14/2009	49.07	14.21	34.86
MW-02	1/5/2010	49.07	15.05	34.02
MW-02	5/20/2011	49.07	10.28	38.79
MW-02	3/18/2013	49.07	13.02	36.05
MW-02	10/4/2013	49.07	15.00	34.07
MW-02	3/12/2014	49.07	14.64	34.43
MW-02	11/21/2014	49.07	17.04	32.03
MW-03	8/7/2007	50.43	17.82	32.61
MW-03	11/19/2007	50.43	24.70	25.73
MW-03	2/6/2008	50.43	22.86	27.57
MW-03	5/15/2008	50.43	22.27	28.16
MW-03	11/19/2008	50.43	23.64	26.79
MW-03	5/14/2009	50.43	22.37	28.06
MW-03	1/5/2010	50.43	24.00	26.43
MW-03	5/20/2011	50.43	18.31	32.12
MW-03	3/18/2013	50.43	18.93	31.50
MW-03	9/27/2013	50.43	20.26	30.17
MW-03	3/12/2014	50.43	20.31	30.12
MW-03	11/21/2014	50.43	21.49	28.94
MW-04	8/7/2007	49.81	22.43	27.38
MW-04	11/19/2007	49.81	23.81	26.00
MW-04	2/6/2008	49.81	22.80	27.01
MW-04	5/15/2008	49.81	22.32	27.49
MW-04	11/19/2008	49.81	25.60	24.21
MW-04	5/14/2009	49.81	23.50	26.31
MW-04	1/5/2010	49.81	24.52	25.29
MW-04	5/20/2011	49.81	19.39	30.42
MW-04	3/18/2013	49.81	22.07	27.74
MW-04	9/27/2013	49.81	24.81	25.00
MW-04	3/12/2014	49.81	25.39	24.42
MW-04	11/21/2014	49.81	27.21	22.60

**Note:**

MSL - Mean sea level

BTOC - Below top of casing

**Table 3**  
**Summary of Analytical Results for Groundwater Monitoring Well Samples**  
**Sparkle Cleaners**  
**Eastmont Town Center**  
**7000 Bancroft Avenue**  
**Oakland, California**

Sample Location	Sample Date	Petroleum Hydrocarbons		Volatile Organic Compounds									
		TPH <sub>g</sub> (µg/L)	TPH <sub>d</sub> (µg/L)	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	Naphthalene (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	Other VOCs (µg/L)
MW-01	8/7/2007	NA	NA	60	3.1	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	8/7/2007	NA	NA	71	3.1	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01	11/19/2007	110 <sup>(1)</sup>	52	110	5.2	ND (1.0)	ND (2.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-01 <sup>(D)</sup>	11/19/2007	110 <sup>(1)</sup>	79	100	5.0	ND (1.0)	ND (2.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-01	2/6/2008	140 <sup>(1)</sup>	57	130	5.8	0.58	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-01 <sup>(D)</sup>	2/6/2008	140 <sup>(1)</sup>	65	130	5.7	0.60	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-01	5/15/2008	NA	NA	130	5.5	0.53	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-01 <sup>(D)</sup>	5/15/2008	NA	NA	140	5.4	0.54	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-01	11/19/2008	NA	NA	110	4.4	ND (1.0)	ND (2.0)	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	11/19/2008	NA	NA	110	4.3	ND (1.0)	ND (2.0)	NA	NA	NA	NA	NA	ND
MW-01	5/14/2009	NA	NA	160	5.3	ND (1.0)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	5/14/2009	NA	NA	140	4.9	ND (2.0)	NA	NA	NA	NA	NA	NA	ND
MW-01	1/5/2010	NA	NA	110	4.1	ND (1.0)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	1/5/2010	NA	NA	120	4.3	ND (1.0)	NA	NA	NA	NA	NA	NA	ND
MW-01	5/20/2011	NA	NA	110	4.0	ND (1.0)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	5/20/2011	NA	NA	120	4.3	ND (1.0)	NA	NA	NA	NA	NA	NA	ND
MW-01	3/18/2013	NA	NA	150	3.4	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	3/18/2013	NA	NA	150	3.5	ND (1.0)	NA	NA	NA	NA	NA	NA	ND
MW-01	9/27/2013	NA	NA	120	3.1	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	9/27/2013	NA	NA	120	3.0	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01	3/12/2014	NA	NA	130	3.4	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	3/12/2014	NA	NA	130	3.3	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01	11/21/2014	NA	NA	120	3.0	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-01 <sup>(D)</sup>	11/21/2014	NA	NA	130	3.0	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	8/7/2007	NA	NA	25	1.2	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	11/19/2007	ND (50)	120	26	0.93	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-02	2/6/2008	ND (50)	200	25	0.90	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-02	5/15/2008	NA	NA	20	0.91	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-02	11/19/2008	NA	NA	23	0.88	ND (0.50)	ND (1.0)	NA	NA	NA	NA	NA	ND
MW-02	5/14/2009	NA	NA	31	0.84	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	1/5/2010	NA	NA	24	0.60	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	5/20/2011	NA	NA	39	1.2	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	3/18/2013	NA	NA	36	0.95	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	10/4/2013	NA	NA	26	0.91	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	3/12/2014	NA	NA	26	0.70	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-02	11/21/2014	NA	NA	16	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND

**Table 3**  
**Summary of Analytical Results for Groundwater Monitoring Well Samples**  
**Sparkle Cleaners**  
**Eastmont Town Center**  
**7000 Bancroft Avenue**  
**Oakland, California**

Sample Location	Sample Date	Petroleum Hydrocarbons		Volatile Organic Compounds									
		TPHg (µg/L)	TPHd (µg/L)	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	Naphthalene (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	Other VOCs (µg/L)
MW-03	8/7/2007	NA	NA	1.6	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-03	11/19/2007	ND (50)	79	2.1	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-03	2/6/2008	ND (50)	70	2.0	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-03	5/15/2008	NA	NA	1.5	ND (0.50)	0.50	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-03	11/19/2008	NA	NA	2.0	ND (0.50)	ND (0.50)	ND (1.0)	NA	NA	NA	NA	NA	ND
MW-03	5/14/2009	NA	NA	1.8	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-03	1/5/2010	NA	NA	1.5	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-03	5/20/2011	NA	NA	1.8	ND (0.50)	0.57	NA	NA	NA	NA	NA	NA	ND
MW-03	3/18/2013	NA	NA	1.6	ND (0.50)	0.67	NA	NA	NA	NA	NA	NA	ND
MW-03	9/27/2013	NA	NA	1.6	ND (0.50)	0.68	NA	NA	NA	NA	NA	NA	ND
MW-03	3/12/2014	NA	NA	1.7	ND (0.50)	0.85	NA	NA	NA	NA	NA	NA	ND
MW-03	11/21/2014	NA	NA	1.2	ND (0.50)	0.83	NA	NA	NA	NA	NA	NA	ND
MW-04	8/7/2007	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-04	11/19/2007	ND (50)	69	ND (0.50)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-04	2/6/2008	ND (50)	ND (50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-04	5/15/2008	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (5.0)	ND (1.0)	ND (0.50)	ND
MW-04	11/19/2008	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	ND (1.0)	NA	NA	NA	NA	NA	ND
MW-04	5/14/2009	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-04	1/5/2010	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-04	5/20/2011	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-04	3/18/2013	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-04	9/27/2013	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-04	3/12/2014	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND
MW-04	11/21/2014	NA	NA	ND (0.50)	ND (0.50)	ND (0.50)	NA	NA	NA	NA	NA	NA	ND

**Notes:**

TPHg - Gasoline range organics (C5-C12)

TPHd - Diesel range organics (C10-C28)

DCE - Dichloroethene

PCE - Tetrachloroethene

TCE - Trichloroethene

cis-1,2-DCE = cis-1,2-dichloroethene

µg/L - Micrograms per liter

NA - Not Analyzed

ND (0.50) - Not detected at or above indicated laboratory reporting limit

ND - Not detected at or above the laboratory reporting limit (varies by analyte)

<sup>(D)</sup> - Field duplicate sample<sup>(1)</sup> - The analytical laboratory narrative states that the reported gasoline range organics concentration is due to the presence of PCE.

MTBE - Methyl tert-butyl ether

TAME - Tert-amyl methyl ether

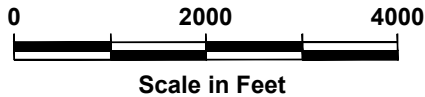
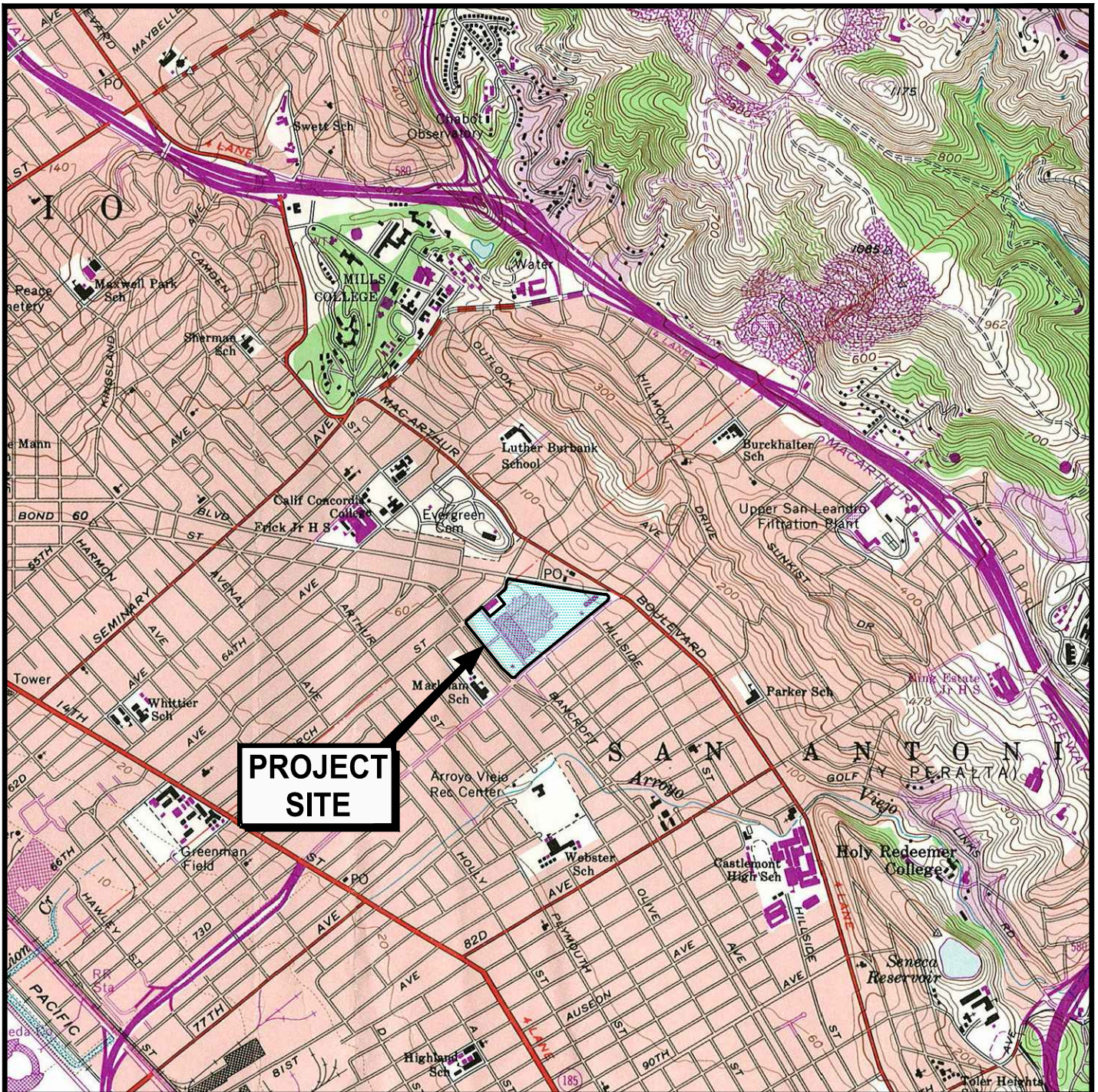
TBA - Tert-butyl alcohol

DIPE - Diisopropyl ether

ETBE - Ethyl tert-butyl ether

## **ILLUSTRATIONS**





U.S.G.S. Topo Map - Oakland East, California, 7.5-minute quadrangle. Map version 1959; current as of 1980.



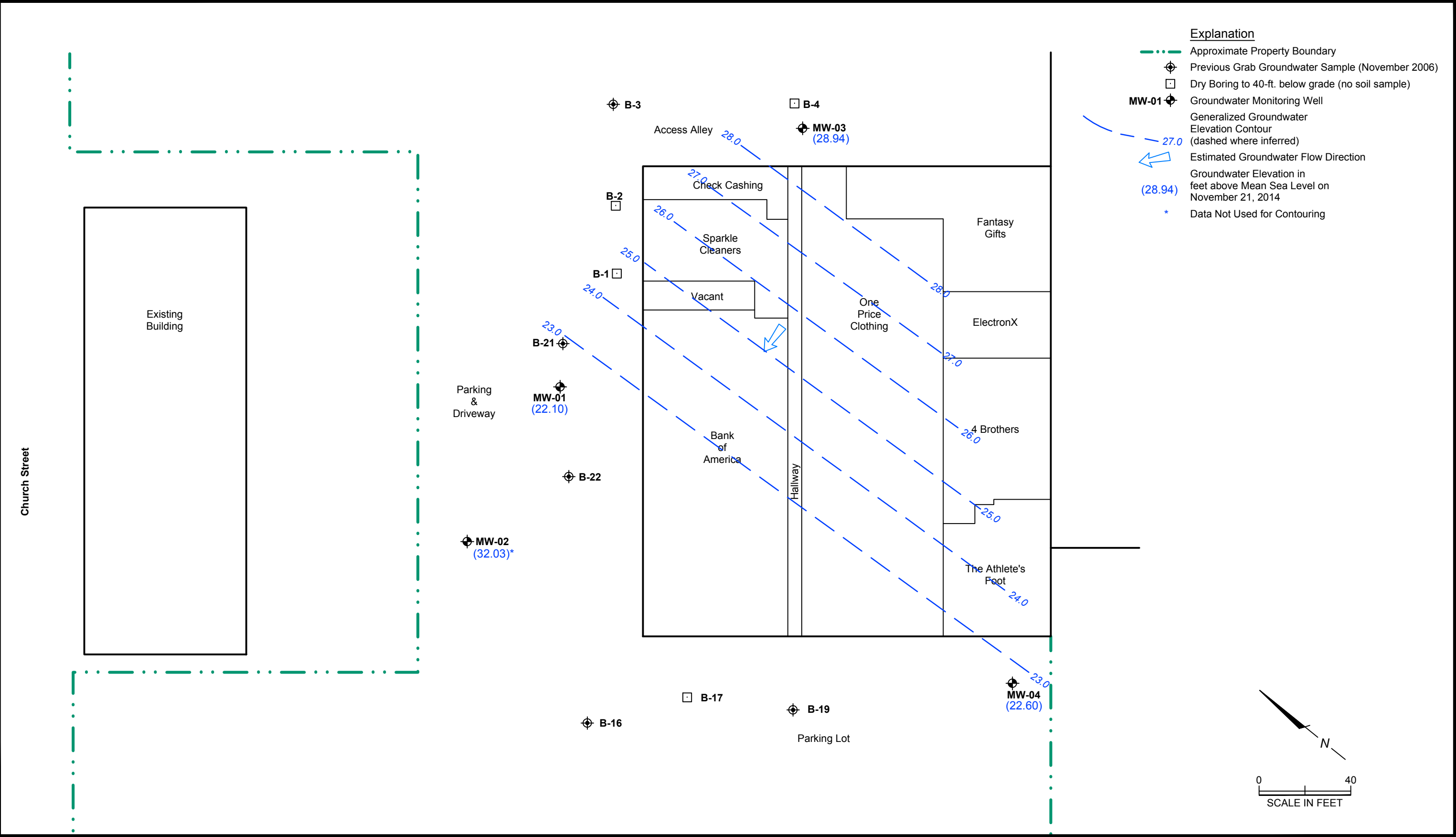
**PES Environmental, Inc.**  
Engineering & Environmental Services

**Site Location Map**  
Sparkle Cleaners  
Eastmont Town Center  
Oakland, California

PLATE

**1**





## **APPENDIX A**

### **MONITORING WELL SAMPLING FORMS**

## WELL GAUGING DATA

Project # 141121-MM2 Date 11-21-14 Client PE5

Site 7200 Bancroft Ave Oakland, CA

[illegible]

## Page 1 of 1

Job Number 141121-1992 Technician MM

[illegible]

NOTES:

# TEST EQUIPMENT CALIBRATION LOG

[illegible]

# WELL MONITORING DATA SHEET

Project #: <u>141/21-MM2</u>	Client: <u>PES</u>
Sampler: <u>MM</u>	Date: <u>11-21-14</u>
Well I.D.: <u>MW-01</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>47.04</u>	Depth to Water (DTW): <u>27.39</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>31.32</u>	

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

$\frac{3.1 \text{ (Gals.)} \times 3}{1 \text{ Case Volume Specified Volumes}} = \frac{9.3 \text{ Gals.}}{\text{Calculated Volume}}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F or °C)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1440	18.6	6.96	1015	>1000	3.1	Brown
1442	18.6	6.89	993	>1000	6.2	cloudy brown
1444	18.8	6.82	981	>1000	9.3	↓

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>		Gallons actually evacuated: <u>9.5</u>	
Sampling Date: <u>11-21-14</u>		Sampling Time: <u>1454</u> Depth to Water: <u>28.31</u>	
Sample I.D.: <u>MW-01</u>		Laboratory: Kiff CalScience Other <u>TA-SF</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: <u>see conc</u>			
EB I.D. (if applicable): @ _____ Time		Duplicate I.D. (if applicable): <u>DUP @ -</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

# WELL MONITORING DATA SHEET

Project #: <u>141121-MM2</u>	Client: <u>PES</u>
Sampler: <u>MM</u>	Date: <u>11-21-14</u>
Well I.D.: <u>MW-02</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>34.78</u>	Depth to Water (DTW): <u>17.02</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>20.57</u>	

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

<div><div>2.8 (Gals.) X 3 = 8.4 Gals.</div><div>1 Case Volume Specified Volumes Calculated Volume</div></div>			<table><tr><th>Well Diameter</th><th>Multiplier</th><th>Well Diameter</th><th>Multiplier</th></tr><tr><td>1"</td><td>0.04</td><td>4"</td><td>0.65</td></tr><tr><td>2"</td><td>0.16</td><td>6"</td><td>1.47</td></tr><tr><td>3"</td><td>0.37</td><td>Other</td><td>radius<sup>2</sup> * 0.163</td></tr></table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier																
1"	0.04	4"	0.65																
2"	0.16	6"	1.47																
3"	0.37	Other	radius <sup>2</sup> * 0.163																

Time	Temp (°F or °C)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1405	19.4	6.94	942	349	3	cloudy brown
1417	19.4	6.80	939	153	6	
1419	19.7	6.70	959	258	9	↓

Did well dewater? Yes <u>No</u>		Gallons actually evacuated: <u>9</u>	
Sampling Date: <u>11-21-14</u>		Sampling Time: <u>1427</u> Depth to Water: <u>19.97</u>	
Sample I.D.: <u>MW-02</u>		Laboratory: Kiff CalScience Other <u>TA-SF</u>	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: <u>see coc</u>			
EB I.D. (if applicable): @ _____ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV



# WELL MONITORING DATA SHEET

Project #: <u>141121-MM2</u>	Client: <u>PES</u>
Sampler: <u>MM</u>	Date: <u>11-21-14</u>
Well I.D.: <u>MW-03</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>44.01</u>	Depth to Water (DTW): <u>21.49</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>25.99</u>	

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

<u>3.6</u> (Gals.) X <u>3</u> = <u>10.8</u> Gals. 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1345	19.3	7.09	1185	60	3.6	clear
1347	19.7	6.86	949	164	7.2	cloudy
1349	19.7	6.84	913	971	10.8	↓

Did well dewater? Yes ☒ No ☐ Gallons actually evacuated: 11

Sampling Date: 11-21-14 Sampling Time: 1405 Depth to Water: \_\_\_\_\_

Sample I.D.: MW-03 Laboratory: Kiff CalScience Other: TA-S/E

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See coc

EB I.D. (if applicable): @ \_\_\_\_\_ Time Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: \_\_\_\_\_

D.O. (if req'd): Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

# WELL MONITORING DATA SHEET

Project #: <u>141121-MM2</u>	Client: <u>PES</u>
Sampler: <u>MM</u>	Date: <u>11-21-14</u>
Well I.D.: <u>MW-04</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>48.40</u>	Depth to Water (DTW): <u>27.21</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>31.44</u>	

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

<div style="font-size: 1.5em; margin-bottom: 10px;"> <u>3.4</u> (Gals.) X <u>3</u> = <u>10.2</u> Gals.         </div> <div style="display: flex; justify-content: space-between; font-weight: bold; font-size: 0.9em;"> <span>1 Case Volume</span> <span>Specified Volumes</span> <span>Calculated Volume</span> </div>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th style="text-align: left;">Well Diameter</th> <th style="text-align: left;">Multiplier</th> <th style="text-align: left;">Well Diameter</th> <th style="text-align: left;">Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F or °C)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1315	20.8	7.30	523	> 1000	3.5	Brown
1317	20.9	7.13	553	> 1000	7.0	cloudy brown
1319	20.9	7.06	568	> 1000	10.5	↓

Did well dewater? Yes No      Gallons actually evacuated: 10.5

Sampling Date: 11-21-14      Sampling Time: 1321      Depth to Water: 29.59

Sample I.D.: MW-04      Laboratory: Kiff CalScience Other TA-SF

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: see coc

EB I.D. (if applicable): @ Time      Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## **APPENDIX B**

### **LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-61462-1

Client Project/Site: Eastmont Town Center

For:

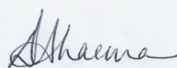
PES Environmental, Inc.

1682 Novato Boulevard

Suite 100

Novato, California 94947-7021

Attn: Mr. Gary Thomas



Authorized for release by:

11/26/2014 11:00:23 AM

Dimple Sharma, Senior Project Manager

[dimple.sharma@testamericainc.com](mailto:dimple.sharma@testamericainc.com)

Designee for

Afsaneh Salimpour, Senior Project Manager

(925)484-1919

[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

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## Definitions/Glossary

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Case Narrative

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

**Job ID: 720-61462-1**

**Laboratory: TestAmerica Pleasanton**

### Narrative

**Job Narrative**  
**720-61462-1**

### Comments

No additional comments.

### Receipt

The samples were received on 11/21/2014 5:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.6° C.

### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Detection Summary

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

### Client Sample ID: TB-1

Lab Sample ID: 720-61462-1

No Detections.

### Client Sample ID: MW-01

Lab Sample ID: 720-61462-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.0		0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene	120		0.50		ug/L	1		8260B	Total/NA

### Client Sample ID: MW-02

Lab Sample ID: 720-61462-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	16		0.50		ug/L	1		8260B	Total/NA

### Client Sample ID: MW-03

Lab Sample ID: 720-61462-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.83		0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		0.50		ug/L	1		8260B	Total/NA

### Client Sample ID: MW-04

Lab Sample ID: 720-61462-5

No Detections.

### Client Sample ID: DUP

Lab Sample ID: 720-61462-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.0		0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene	130		0.50		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton



# Client Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-1

Date Collected: 11/21/14 12:15

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			11/25/14 11:11	1
1,1-Dichloroethane	ND		0.50		ug/L			11/25/14 11:11	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/25/14 11:11	1
Vinyl chloride	ND		0.50		ug/L			11/25/14 11:11	1
Chloroethane	ND		1.0		ug/L			11/25/14 11:11	1
Trichlorofluoromethane	ND		1.0		ug/L			11/25/14 11:11	1
Methylene Chloride	ND		5.0		ug/L			11/25/14 11:11	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 11:11	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 11:11	1
Chloroform	ND		1.0		ug/L			11/25/14 11:11	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/25/14 11:11	1
Carbon tetrachloride	ND		0.50		ug/L			11/25/14 11:11	1
1,2-Dichloroethane	ND		0.50		ug/L			11/25/14 11:11	1
Trichloroethene	ND		0.50		ug/L			11/25/14 11:11	1
1,2-Dichloropropane	ND		0.50		ug/L			11/25/14 11:11	1
Dichlorobromomethane	ND		0.50		ug/L			11/25/14 11:11	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 11:11	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 11:11	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/25/14 11:11	1
Tetrachloroethene	ND		0.50		ug/L			11/25/14 11:11	1
Chlorodibromomethane	ND		0.50		ug/L			11/25/14 11:11	1
Chlorobenzene	ND		0.50		ug/L			11/25/14 11:11	1
Bromoform	ND		1.0		ug/L			11/25/14 11:11	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/25/14 11:11	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/25/14 11:11	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/25/14 11:11	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/25/14 11:11	1
Chloromethane	ND		1.0		ug/L			11/25/14 11:11	1
Bromomethane	ND		1.0		ug/L			11/25/14 11:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/25/14 11:11	1
EDB	ND		0.50		ug/L			11/25/14 11:11	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/25/14 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		70 - 130		11/25/14 11:11	1
4-Bromofluorobenzene	111		67 - 130		11/25/14 11:11	1
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		11/25/14 11:11	1

Client Sample ID: MW-01

Date Collected: 11/21/14 14:54

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			11/25/14 11:40	1
1,1-Dichloroethane	ND		0.50		ug/L			11/25/14 11:40	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/25/14 11:40	1
Vinyl chloride	ND		0.50		ug/L			11/25/14 11:40	1
Chloroethane	ND		1.0		ug/L			11/25/14 11:40	1
Trichlorofluoromethane	ND		1.0		ug/L			11/25/14 11:40	1
Methylene Chloride	ND		5.0		ug/L			11/25/14 11:40	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 11:40	1

TestAmerica Pleasanton

# Client Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-01

Date Collected: 11/21/14 14:54

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 11:40	1
Chloroform	ND		1.0		ug/L			11/25/14 11:40	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/25/14 11:40	1
Carbon tetrachloride	ND		0.50		ug/L			11/25/14 11:40	1
1,2-Dichloroethane	ND		0.50		ug/L			11/25/14 11:40	1
Trichloroethene	3.0		0.50		ug/L			11/25/14 11:40	1
1,2-Dichloropropane	ND		0.50		ug/L			11/25/14 11:40	1
Dichlorobromomethane	ND		0.50		ug/L			11/25/14 11:40	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 11:40	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 11:40	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/25/14 11:40	1
Tetrachloroethene	120		0.50		ug/L			11/25/14 11:40	1
Chlorodibromomethane	ND		0.50		ug/L			11/25/14 11:40	1
Chlorobenzene	ND		0.50		ug/L			11/25/14 11:40	1
Bromoform	ND		1.0		ug/L			11/25/14 11:40	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/25/14 11:40	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/25/14 11:40	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/25/14 11:40	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/25/14 11:40	1
Chloromethane	ND		1.0		ug/L			11/25/14 11:40	1
Bromomethane	ND		1.0		ug/L			11/25/14 11:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/25/14 11:40	1
EDB	ND		0.50		ug/L			11/25/14 11:40	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/25/14 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130		11/25/14 11:40	1
4-Bromofluorobenzene	110		67 - 130		11/25/14 11:40	1
1,2-Dichloroethane-d4 (Surr)	107		72 - 130		11/25/14 11:40	1

Client Sample ID: MW-02

Date Collected: 11/21/14 14:27

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			11/25/14 12:09	1
1,1-Dichloroethane	ND		0.50		ug/L			11/25/14 12:09	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/25/14 12:09	1
Vinyl chloride	ND		0.50		ug/L			11/25/14 12:09	1
Chloroethane	ND		1.0		ug/L			11/25/14 12:09	1
Trichlorofluoromethane	ND		1.0		ug/L			11/25/14 12:09	1
Methylene Chloride	ND		5.0		ug/L			11/25/14 12:09	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 12:09	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 12:09	1
Chloroform	ND		1.0		ug/L			11/25/14 12:09	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/25/14 12:09	1
Carbon tetrachloride	ND		0.50		ug/L			11/25/14 12:09	1
1,2-Dichloroethane	ND		0.50		ug/L			11/25/14 12:09	1
Trichloroethene	ND		0.50		ug/L			11/25/14 12:09	1
1,2-Dichloropropane	ND		0.50		ug/L			11/25/14 12:09	1
Dichlorobromomethane	ND		0.50		ug/L			11/25/14 12:09	1

TestAmerica Pleasanton

# Client Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-02

Date Collected: 11/21/14 14:27

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 12:09	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 12:09	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/25/14 12:09	1
<b>Tetrachloroethene</b>	<b>16</b>		0.50		ug/L			11/25/14 12:09	1
Chlorodibromomethane	ND		0.50		ug/L			11/25/14 12:09	1
Chlorobenzene	ND		0.50		ug/L			11/25/14 12:09	1
Bromoform	ND		1.0		ug/L			11/25/14 12:09	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/25/14 12:09	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/25/14 12:09	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/25/14 12:09	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/25/14 12:09	1
Chloromethane	ND		1.0		ug/L			11/25/14 12:09	1
Bromomethane	ND		1.0		ug/L			11/25/14 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/25/14 12:09	1
EDB	ND		0.50		ug/L			11/25/14 12:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/25/14 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130					11/25/14 12:09	1
4-Bromofluorobenzene	109		67 - 130					11/25/14 12:09	1
1,2-Dichloroethane-d4 (Surr)	105		72 - 130					11/25/14 12:09	1

Client Sample ID: MW-03

Date Collected: 11/21/14 14:05

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			11/25/14 13:37	1
1,1-Dichloroethane	ND		0.50		ug/L			11/25/14 13:37	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/25/14 13:37	1
Vinyl chloride	ND		0.50		ug/L			11/25/14 13:37	1
Chloroethane	ND		1.0		ug/L			11/25/14 13:37	1
Trichlorofluoromethane	ND		1.0		ug/L			11/25/14 13:37	1
Methylene Chloride	ND		5.0		ug/L			11/25/14 13:37	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 13:37	1
<b>cis-1,2-Dichloroethene</b>	<b>0.83</b>		0.50		ug/L			11/25/14 13:37	1
Chloroform	ND		1.0		ug/L			11/25/14 13:37	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/25/14 13:37	1
Carbon tetrachloride	ND		0.50		ug/L			11/25/14 13:37	1
1,2-Dichloroethane	ND		0.50		ug/L			11/25/14 13:37	1
Trichloroethene	ND		0.50		ug/L			11/25/14 13:37	1
1,2-Dichloropropane	ND		0.50		ug/L			11/25/14 13:37	1
Dichlorobromomethane	ND		0.50		ug/L			11/25/14 13:37	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 13:37	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 13:37	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/25/14 13:37	1
<b>Tetrachloroethene</b>	<b>1.2</b>		0.50		ug/L			11/25/14 13:37	1
Chlorodibromomethane	ND		0.50		ug/L			11/25/14 13:37	1
Chlorobenzene	ND		0.50		ug/L			11/25/14 13:37	1
Bromoform	ND		1.0		ug/L			11/25/14 13:37	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/25/14 13:37	1

TestAmerica Pleasanton

# Client Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: MW-03

Date Collected: 11/21/14 14:05

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50		ug/L			11/25/14 13:37	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/25/14 13:37	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/25/14 13:37	1
Chloromethane	ND		1.0		ug/L			11/25/14 13:37	1
Bromomethane	ND		1.0		ug/L			11/25/14 13:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/25/14 13:37	1
EDB	ND		0.50		ug/L			11/25/14 13:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/25/14 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130					11/25/14 13:37	1
4-Bromofluorobenzene	106		67 - 130					11/25/14 13:37	1
1,2-Dichloroethane-d4 (Surr)	105		72 - 130					11/25/14 13:37	1

Client Sample ID: MW-04

Date Collected: 11/21/14 13:21

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			11/25/14 14:06	1
1,1-Dichloroethane	ND		0.50		ug/L			11/25/14 14:06	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/25/14 14:06	1
Vinyl chloride	ND		0.50		ug/L			11/25/14 14:06	1
Chloroethane	ND		1.0		ug/L			11/25/14 14:06	1
Trichlorofluoromethane	ND		1.0		ug/L			11/25/14 14:06	1
Methylene Chloride	ND		5.0		ug/L			11/25/14 14:06	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 14:06	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 14:06	1
Chloroform	ND		1.0		ug/L			11/25/14 14:06	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/25/14 14:06	1
Carbon tetrachloride	ND		0.50		ug/L			11/25/14 14:06	1
1,2-Dichloroethane	ND		0.50		ug/L			11/25/14 14:06	1
Trichloroethene	ND		0.50		ug/L			11/25/14 14:06	1
1,2-Dichloropropane	ND		0.50		ug/L			11/25/14 14:06	1
Dichlorobromomethane	ND		0.50		ug/L			11/25/14 14:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 14:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 14:06	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/25/14 14:06	1
Tetrachloroethene	ND		0.50		ug/L			11/25/14 14:06	1
Chlorodibromomethane	ND		0.50		ug/L			11/25/14 14:06	1
Chlorobenzene	ND		0.50		ug/L			11/25/14 14:06	1
Bromoform	ND		1.0		ug/L			11/25/14 14:06	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/25/14 14:06	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/25/14 14:06	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/25/14 14:06	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/25/14 14:06	1
Chloromethane	ND		1.0		ug/L			11/25/14 14:06	1
Bromomethane	ND		1.0		ug/L			11/25/14 14:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/25/14 14:06	1
EDB	ND		0.50		ug/L			11/25/14 14:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/25/14 14:06	1

TestAmerica Pleasanton

# Client Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130		11/25/14 14:06	1
4-Bromofluorobenzene	104		67 - 130		11/25/14 14:06	1
1,2-Dichloroethane-d4 (Surr)	104		72 - 130		11/25/14 14:06	1

Client Sample ID: DUP

Date Collected: 11/21/14 00:00

Date Received: 11/21/14 17:50

Lab Sample ID: 720-61462-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			11/25/14 14:35	1
1,1-Dichloroethane	ND		0.50		ug/L			11/25/14 14:35	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/25/14 14:35	1
Vinyl chloride	ND		0.50		ug/L			11/25/14 14:35	1
Chloroethane	ND		1.0		ug/L			11/25/14 14:35	1
Trichlorofluoromethane	ND		1.0		ug/L			11/25/14 14:35	1
Methylene Chloride	ND		5.0		ug/L			11/25/14 14:35	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 14:35	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 14:35	1
Chloroform	ND		1.0		ug/L			11/25/14 14:35	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/25/14 14:35	1
Carbon tetrachloride	ND		0.50		ug/L			11/25/14 14:35	1
1,2-Dichloroethane	ND		0.50		ug/L			11/25/14 14:35	1
Trichloroethene	3.0		0.50		ug/L			11/25/14 14:35	1
1,2-Dichloropropane	ND		0.50		ug/L			11/25/14 14:35	1
Dichlorobromomethane	ND		0.50		ug/L			11/25/14 14:35	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 14:35	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 14:35	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/25/14 14:35	1
Tetrachloroethene	130		0.50		ug/L			11/25/14 14:35	1
Chlorodibromomethane	ND		0.50		ug/L			11/25/14 14:35	1
Chlorobenzene	ND		0.50		ug/L			11/25/14 14:35	1
Bromoform	ND		1.0		ug/L			11/25/14 14:35	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/25/14 14:35	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/25/14 14:35	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/25/14 14:35	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/25/14 14:35	1
Chloromethane	ND		1.0		ug/L			11/25/14 14:35	1
Bromomethane	ND		1.0		ug/L			11/25/14 14:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/25/14 14:35	1
EDB	ND		0.50		ug/L			11/25/14 14:35	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/25/14 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		70 - 130		11/25/14 14:35	1
4-Bromofluorobenzene	106		67 - 130		11/25/14 14:35	1
1,2-Dichloroethane-d4 (Surr)	106		72 - 130		11/25/14 14:35	1

TestAmerica Pleasanton

# QC Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-171560/5

Matrix: Water

Analysis Batch: 171560

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50		ug/L			11/25/14 08:45	1
1,1-Dichloroethane	ND		0.50		ug/L			11/25/14 08:45	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/25/14 08:45	1
Vinyl chloride	ND		0.50		ug/L			11/25/14 08:45	1
Chloroethane	ND		1.0		ug/L			11/25/14 08:45	1
Trichlorofluoromethane	ND		1.0		ug/L			11/25/14 08:45	1
Methylene Chloride	ND		5.0		ug/L			11/25/14 08:45	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 08:45	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/25/14 08:45	1
Chloroform	ND		1.0		ug/L			11/25/14 08:45	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/25/14 08:45	1
Carbon tetrachloride	ND		0.50		ug/L			11/25/14 08:45	1
1,2-Dichloroethane	ND		0.50		ug/L			11/25/14 08:45	1
Trichloroethene	ND		0.50		ug/L			11/25/14 08:45	1
1,2-Dichloropropane	ND		0.50		ug/L			11/25/14 08:45	1
Dichlorobromomethane	ND		0.50		ug/L			11/25/14 08:45	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 08:45	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/25/14 08:45	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/25/14 08:45	1
Tetrachloroethene	ND		0.50		ug/L			11/25/14 08:45	1
Chlorodibromomethane	ND		0.50		ug/L			11/25/14 08:45	1
Chlorobenzene	ND		0.50		ug/L			11/25/14 08:45	1
Bromoform	ND		1.0		ug/L			11/25/14 08:45	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/25/14 08:45	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/25/14 08:45	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/25/14 08:45	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/25/14 08:45	1
Chloromethane	ND		1.0		ug/L			11/25/14 08:45	1
Bromomethane	ND		1.0		ug/L			11/25/14 08:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/25/14 08:45	1
EDB	ND		0.50		ug/L			11/25/14 08:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/25/14 08:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130		11/25/14 08:45	1
4-Bromofluorobenzene	106		67 - 130		11/25/14 08:45	1
1,2-Dichloroethane-d4 (Surr)	101		72 - 130		11/25/14 08:45	1

Lab Sample ID: LCS 720-171560/6

Matrix: Water

Analysis Batch: 171560

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	22.3		ug/L		89	64 - 128
1,1-Dichloroethane	25.0	27.2		ug/L		109	70 - 130
Dichlorodifluoromethane	25.0	29.0		ug/L		116	34 - 132
Vinyl chloride	25.0	21.6		ug/L		86	54 - 135
Chloroethane	25.0	25.8		ug/L		103	62 - 138

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# QC Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-171560/6

Matrix: Water

Analysis Batch: 171560

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	25.0	28.7		ug/L		115	66 - 132
Methylene Chloride	25.0	25.0		ug/L		100	70 - 147
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	68 - 130
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	70 - 130
Chloroform	25.0	25.4		ug/L		102	70 - 130
1,1,1-Trichloroethane	25.0	25.6		ug/L		103	70 - 130
Carbon tetrachloride	25.0	24.5		ug/L		98	70 - 146
1,2-Dichloroethane	25.0	24.7		ug/L		99	61 - 132
Trichloroethene	25.0	22.7		ug/L		91	70 - 130
1,2-Dichloropropane	25.0	27.4		ug/L		110	70 - 130
Dichlorobromomethane	25.0	26.1		ug/L		104	70 - 130
trans-1,3-Dichloropropene	25.0	31.4		ug/L		126	70 - 140
cis-1,3-Dichloropropene	25.0	29.0		ug/L		116	70 - 130
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	70 - 130
Tetrachloroethene	25.0	23.1		ug/L		92	70 - 130
Chlorodibromomethane	25.0	24.3		ug/L		97	70 - 145
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130
Bromoform	25.0	20.8		ug/L		83	68 - 136
1,1,2,2-Tetrachloroethane	25.0	27.4		ug/L		109	70 - 130
1,3-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
Chloromethane	25.0	27.4		ug/L		110	52 - 175
Bromomethane	25.0	24.1		ug/L		96	43 - 151
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.6		ug/L		82	42 - 162
EDB	25.0	24.5		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130

Lab Sample ID: LCSD 720-171560/7

Matrix: Water

Analysis Batch: 171560

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	25.0	22.3		ug/L		89	64 - 128	0	20
1,1-Dichloroethane	25.0	27.0		ug/L		108	70 - 130	1	20
Dichlorodifluoromethane	25.0	28.3		ug/L		113	34 - 132	2	20
Vinyl chloride	25.0	21.1		ug/L		85	54 - 135	2	20
Chloroethane	25.0	25.2		ug/L		101	62 - 138	2	20
Trichlorofluoromethane	25.0	28.8		ug/L		115	66 - 132	0	20
Methylene Chloride	25.0	25.2		ug/L		101	70 - 147	1	20
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	68 - 130	1	20
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	70 - 130	1	20

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# QC Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-171560/7

Matrix: Water

Analysis Batch: 171560

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	25.0	25.5		ug/L		102	70 - 130	0	20
1,1,1-Trichloroethane	25.0	25.8		ug/L		103	70 - 130	1	20
Carbon tetrachloride	25.0	24.8		ug/L		99	70 - 146	1	20
1,2-Dichloroethane	25.0	24.8		ug/L		99	61 - 132	0	20
Trichloroethene	25.0	22.6		ug/L		90	70 - 130	0	20
1,2-Dichloropropane	25.0	27.7		ug/L		111	70 - 130	1	20
Dichlorobromomethane	25.0	26.2		ug/L		105	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	31.9		ug/L		128	70 - 140	2	20
cis-1,3-Dichloropropene	25.0	29.3		ug/L		117	70 - 130	1	20
1,1,2-Trichloroethane	25.0	26.9		ug/L		107	70 - 130	3	20
Tetrachloroethene	25.0	23.0		ug/L		92	70 - 130	1	20
Chlorodibromomethane	25.0	24.9		ug/L		100	70 - 145	3	20
Chlorobenzene	25.0	24.4		ug/L		97	70 - 130	0	20
Bromoform	25.0	21.4		ug/L		86	68 - 136	3	20
1,1,2,2-Tetrachloroethane	25.0	28.5		ug/L		114	70 - 130	4	20
1,3-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130	0	20
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130	1	20
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130	1	20
Chloromethane	25.0	26.7		ug/L		107	52 - 175	2	20
Bromomethane	25.0	23.7		ug/L		95	43 - 151	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.6		ug/L		83	42 - 162	0	20
EDB	25.0	24.8		ug/L		99	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130

Lab Sample ID: 720-61462-4 MS

Matrix: Water

Analysis Batch: 171560

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		25.0	21.2		ug/L		85	60 - 140
1,1-Dichloroethane	ND		25.0	26.9		ug/L		108	60 - 140
Dichlorodifluoromethane	ND		25.0	27.1		ug/L		108	38 - 140
Vinyl chloride	ND		25.0	19.8		ug/L		79	58 - 140
Chloroethane	ND		25.0	24.7		ug/L		99	51 - 140
Trichlorofluoromethane	ND		25.0	27.9		ug/L		112	60 - 140
Methylene Chloride	ND		25.0	25.4		ug/L		101	40 - 140
trans-1,2-Dichloroethene	ND		25.0	23.7		ug/L		95	60 - 140
cis-1,2-Dichloroethene	0.83		25.0	26.2		ug/L		102	60 - 140
Chloroform	ND		25.0	25.6		ug/L		102	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.0		ug/L		100	60 - 140
Carbon tetrachloride	ND		25.0	23.7		ug/L		95	60 - 140
1,2-Dichloroethane	ND		25.0	26.0		ug/L		104	60 - 140

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# QC Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-61462-4 MS

Matrix: Water

Analysis Batch: 171560

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	ND		25.0	22.3		ug/L		89	60 - 140
1,2-Dichloropropane	ND		25.0	27.9		ug/L		112	60 - 140
Dichlorobromomethane	ND		25.0	26.8		ug/L		107	60 - 140
trans-1,3-Dichloropropene	ND		25.0	33.5		ug/L		134	60 - 140
cis-1,3-Dichloropropene	ND		25.0	29.8		ug/L		119	60 - 140
1,1,2-Trichloroethane	ND		25.0	28.2		ug/L		113	60 - 140
Tetrachloroethene	1.2		25.0	23.8		ug/L		90	60 - 140
Chlorodibromomethane	ND		25.0	25.9		ug/L		104	60 - 140
Chlorobenzene	ND		25.0	24.2		ug/L		97	60 - 140
Bromoform	ND		25.0	22.1		ug/L		89	56 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	29.4		ug/L		117	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.6		ug/L		98	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140
1,2-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140
Chloromethane	ND		25.0	25.7		ug/L		103	52 - 140
Bromomethane	ND		25.0	22.6		ug/L		90	23 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	19.6		ug/L		78	60 - 140
EDB	ND		25.0	26.5		ug/L		106	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	27.0		ug/L		108	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	104		72 - 130

Lab Sample ID: 720-61462-4 MSD

Matrix: Water

Analysis Batch: 171560

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		25.0	21.3		ug/L		85	60 - 140	0	20
1,1-Dichloroethane	ND		25.0	27.0		ug/L		108	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	26.4		ug/L		106	38 - 140	3	20
Vinyl chloride	ND		25.0	20.2		ug/L		81	58 - 140	2	20
Chloroethane	ND		25.0	24.4		ug/L		98	51 - 140	1	20
Trichlorofluoromethane	ND		25.0	27.7		ug/L		111	60 - 140	1	20
Methylene Chloride	ND		25.0	24.9		ug/L		100	40 - 140	2	20
trans-1,2-Dichloroethene	ND		25.0	23.6		ug/L		94	60 - 140	0	20
cis-1,2-Dichloroethene	0.83		25.0	26.1		ug/L		101	60 - 140	0	20
Chloroform	ND		25.0	25.4		ug/L		101	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	25.0		ug/L		100	60 - 140	0	20
Carbon tetrachloride	ND		25.0	23.6		ug/L		95	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	24.9		ug/L		100	60 - 140	4	20
Trichloroethene	ND		25.0	22.3		ug/L		89	60 - 140	0	20
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	60 - 140	0	20
Dichlorobromomethane	ND		25.0	26.4		ug/L		106	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	32.1		ug/L		128	60 - 140	4	20

TestAmerica Pleasanton

# QC Sample Results

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-61462-4 MSD

Matrix: Water

Analysis Batch: 171560

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	ND		25.0	29.5		ug/L		118	60 - 140	1	20
1,1,2-Trichloroethane	ND		25.0	26.5		ug/L		106	60 - 140	6	20
Tetrachloroethene	1.2		25.0	24.0		ug/L		91	60 - 140	1	20
Chlorodibromomethane	ND		25.0	24.8		ug/L		99	60 - 140	4	20
Chlorobenzene	ND		25.0	24.1		ug/L		97	60 - 140	0	20
Bromoform	ND		25.0	21.0		ug/L		84	56 - 140	5	20
1,1,1,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	60 - 140	10	20
1,3-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	1	20
Chloromethane	ND		25.0	24.9		ug/L		100	52 - 140	3	20
Bromomethane	ND		25.0	22.1		ug/L		88	23 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	19.6		ug/L		78	60 - 140	0	20
EDB	ND		25.0	24.8		ug/L		99	60 - 140	6	20
1,2,4-Trichlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140	2	20
<b>Surrogate</b>	<b>MSD %Recovery</b>	<b>MSD Qualifier</b>	<b>Limits</b>								
Toluene-d8 (Surr)	102		70 - 130								
4-Bromofluorobenzene	100		67 - 130								
1,2-Dichloroethane-d4 (Surr)	100		72 - 130								

TestAmerica Pleasanton

## QC Association Summary

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

### GC/MS VOA

#### Analysis Batch: 171560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-61462-1	TB-1	Total/NA	Water	8260B	
720-61462-2	MW-01	Total/NA	Water	8260B	
720-61462-3	MW-02	Total/NA	Water	8260B	
720-61462-4	MW-03	Total/NA	Water	8260B	
720-61462-4 MS	MW-03	Total/NA	Water	8260B	
720-61462-4 MSD	MW-03	Total/NA	Water	8260B	
720-61462-5	MW-04	Total/NA	Water	8260B	
720-61462-6	DUP	Total/NA	Water	8260B	
LCS 720-171560/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-171560/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-171560/5	Method Blank	Total/NA	Water	8260B	

# Lab Chronicle

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

**Client Sample ID: TB-1**

**Date Collected: 11/21/14 12:15**

**Date Received: 11/21/14 17:50**

**Lab Sample ID: 720-61462-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	171560	11/25/14 11:11	LPL	TAL PLS

**Client Sample ID: MW-01**

**Date Collected: 11/21/14 14:54**

**Date Received: 11/21/14 17:50**

**Lab Sample ID: 720-61462-2**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	171560	11/25/14 11:40	LPL	TAL PLS

**Client Sample ID: MW-02**

**Date Collected: 11/21/14 14:27**

**Date Received: 11/21/14 17:50**

**Lab Sample ID: 720-61462-3**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	171560	11/25/14 12:09	LPL	TAL PLS

**Client Sample ID: MW-03**

**Date Collected: 11/21/14 14:05**

**Date Received: 11/21/14 17:50**

**Lab Sample ID: 720-61462-4**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	171560	11/25/14 13:37	LPL	TAL PLS

**Client Sample ID: MW-04**

**Date Collected: 11/21/14 13:21**

**Date Received: 11/21/14 17:50**

**Lab Sample ID: 720-61462-5**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	171560	11/25/14 14:06	LPL	TAL PLS

**Client Sample ID: DUP**

**Date Collected: 11/21/14 00:00**

**Date Received: 11/21/14 17:50**

**Lab Sample ID: 720-61462-6**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	171560	11/25/14 14:35	LPL	TAL PLS

## Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TestAmerica Pleasanton

## Certification Summary

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

### Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

## Method Summary

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

## Sample Summary

Client: PES Environmental, Inc.  
Project/Site: Eastmont Town Center

TestAmerica Job ID: 720-61462-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-61462-1	TB-1	Water	11/21/14 12:15	11/21/14 17:50
720-61462-2	MW-01	Water	11/21/14 14:54	11/21/14 17:50
720-61462-3	MW-02	Water	11/21/14 14:27	11/21/14 17:50
720-61462-4	MW-03	Water	11/21/14 14:05	11/21/14 17:50
720-61462-5	MW-04	Water	11/21/14 13:21	11/21/14 17:50
720-61462-6	DUP	Water	11/21/14 00:00	11/21/14 17:50

TECH SERVICES, INC.

**1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105  
FAX (408) 573-7771  
PHONE (408) 573-0555**

CHAIN OF CUSTODY			BTS # 141121-MM2		
CLIENT			PES		
SITE			Eastmont Town Center		
			7200 Bancroft Ave.		
			Oakland, CA		
			MATRIX	CONTAINERS	
SAMPLE I.D.	DATE	TIME	S= SOIL W=H <sub>2</sub> O	TOTAL	
TB-1	11-21-14	1215	W	4	WBP'S HCL
MW-01	↓	1454	W	4	↓
MW-02	↓	1427	W	4	↓
MW-03	↓	1405	W	4	↓
MW-04	↓	1321	W	4	↓
DUP	↓	—	W	4	↓

**C = COMPOSITE ALL CONTAINERS**

**Halogenated VOCs (8010 List) by EPA**

8260B

### CONDUCT ANALYSIS TO DETECT

720-61462

LAB

TA - San Francisco

| DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA  
☐ LIA  
☐ OTHER

☐ RWQCB REGION

157808

### SPECIAL INSTRUCTIONS

Invoice and Report to : PES

Attn: Gary Thomas

## Report in Geotracker Format

[illegible]

720-61462 Chain of Custody

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	STANDARD TAT
	11-21-14		Mark McCulloch		
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	11-21-14	1615		11-21-14	1615
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	11-21-14	1750		11-21-14	1750
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		

3.6°C



## Login Sample Receipt Checklist

Client: PES Environmental, Inc.

Job Number: 720-61462-1

Login Number: 61462

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

**DISTRIBUTION**

**GROUNDWATER MONITORING REPORT  
SECOND SEMI-ANNUAL 2014 EVENT  
SPARKLE CLEANERS  
EASTMONT TOWN CENTER  
7000 BANCROFT AVENUE  
OAKLAND, CALIFORNIA**

**DECEMBER 22, 2014**

**COPY NO. \_\_\_\_\_**

Copy No.

1 Copy	Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502  Attention: Mr. Jerry Wickham	PDF only
1 Copy	Eastmont Oakland Associates, LLC c/o ScanlanKemperBard Companies 810 NW Marshall Street, Suite 300 Portland, Oregon 97209  Attention: Mr. James V. Paul	1
1 Copy	Cushman Wakefield of California, Inc. Eastmont Town Center 7200 Bancroft Avenue, Suite 1 Oakland, California 94605  Attention: Ms. Beena Standig	2
1 Copy	PES Job File	3
1 Copy	Unbound Original	4

# STATE WATER RESOURCES CONTROL BOARD

# GEOTRACKER

## CASE SUMMARY

<u>REPORT DATE</u> 8/25/1992	<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u> N		
<b><u>I. REPORTED BY -</u></b> UNKNOWN	<b><u>CREATED BY</u></b> UNKNOWN		
<b><u>III. SITE LOCATION</u></b>			
<u>FACILITY NAME</u> BP #11117	<u>FACILITY ID</u>		
<u>FACILITY ADDRESS</u> 7210 BANCROFT AVENUE Oakland, CA 94605 ALAMEDA COUNTY	<u>ORIENTATION OF SITE TO STREET</u>  <u>CROSS STREET</u> 73RD AVENUE		
<b><u>V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN</u></b> GASOLINE			
<b><u>VI. DISCOVERY/ABATEMENT</u></b>			
<u>DATE DISCHARGE BEGAN</u>			
<u>DATE DISCOVERED</u> 1/5/1992	<u>HOW DISCOVERED</u> Other Means	<u>DESCRIPTION</u>	
<u>DATE STOPPED</u> 1/1/1965	<u>STOP METHOD</u> Other Means	<u>DESCRIPTION</u>	
<b><u>VII. SOURCE/CAUSE</u></b>			
<u>SOURCE OF DISCHARGE</u> U	<u>CAUSE OF DISCHARGE</u> U		
<u>DISCHARGE DESCRIPTION</u>			
<b><u>VIII. CASE TYPE</u></b>			
<u>CASE TYPE</u> Other Groundwater (uses other than drinking water)			
<b><u>IX. REMEDIAL ACTION</u></b>			
<u>REMEDIAL ACTION</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>DESCRIPTION</u>
Excavation	8/14/1998	8/14/1998	Approximately 389 tons soil from tank pit and dispenser piping trenches removed for off site disposal during UST & dispenser removal/replacement.
Pump & Treat (P&T) Groundwater	3/16/2000	4/28/2000	Six vacuum GW extraction events performed as an interim remedial action. A total of 10,900 gallons of contaminate GW removed.
Dual Phase Extraction	10/29/2001	11/30/2001	Approximately 6,500 gallons of groundwater, containing 26,000 ug/L TPHg, 890 ug/L benzene, and 9,500 ug/L MTBE, extracted during DPE pilot test. Organic vapors sent through thermal oxidizer. GW transported off site for disposal.
<b><u>X. GENERAL COMMENTS</u></b>			
<p>In 1984, the former USTs were removed and three gasoline (6,000-gal, 10,000-gal, &amp; 12,000-gal) and one 10,000-gal diesel UST were installed. In December 1989, Hunter Environmental Services installed one boring and four GW monitoring wells at Eastmont Mall, which included MW-3 located adjacent to the BP-leased property. On October 6, 1994, Hydro Environmental Technologies installed 2-inch diameter monitoring wells MW-7, MW-8, and MW-9. Elevated concentrations of petroleum hydrocarbons were detected in MW-1 &amp; MW-4 with separate phase hydrocarbons in MW-2. In August 1998, three gasoline (6,000-gal, 10,000-gal, &amp; 12,000-gal) and one 10,000-gal diesel UST were replaced with three 12,000-gal gasoline and one 10,000-gal diesel UST. On April 27 and 28, 2000, Cambria completed recovery tests on newly installed wells EX-1, EX-2, and existing well MW-2. Interim remedial action consisting of short-term GW extraction was conducted. Approximately 11,000 gallons of water was extracted using a vacuum truck from three wells during 8 site visits.</p>			

On October 29 through November 2, 2001, a DPE pilot test was performed using well MW-2 and MW-4 and extraction wells EX-1 and EX-2. On September 26 and 27, 2005, URS installed 5 onsite soil borings and four off-site borings to depths to delineate groundwater contamination. Elevated concentrations of petroleum hydrocarbons were detected at the site. Construction of a DPE system began in late 2007 and included installation of DPE wells DPE-1 through DPE-5, however the system was never started due to difficulties getting power to the site. In 2009, Antea group installed SVE/AS wells for a pilot test, however prior to implementing the test Antea oversaw the injection of Plume Stop without regulatory oversight. The Plume Stop injection has apparently mobilized the hydrocarbon mass at the site. GRO and benzene concentrations are indicative of free phase however due to submerged conditions of many of the existing monitoring wells at the site, free phase product may not be detected in the network.

With the loss of the lease in 2014, the USTs were removed, the station demolished, tanks removed, and the well network destroyed. Secondary source has been identified in the 15- to 30-foot zone, bgs, in areas associated with the former tank pits and dispenser islands. Large diameter augering has been proposed for source removal following the in-progress delineation of the areas for excavation.

## **XI. CERTIFICATION**

**I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN  
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.**

## **XII. REGULATORY USE ONLY**

LOCAL AGENCY CASE NUMBER  
RO0000356

REGIONAL BOARD CASE NUMBER  
01-0215

### **LOCAL AGENCY**

<u>CONTACT NAME</u> KEITH NOWELL	<u>INITIALS</u> KEN	<u>ORGANIZATION NAME</u> ALAMEDA COUNTY LOP	<u>EMAIL ADDRESS</u> keith.nowell@acgov.org
<u>ADDRESS</u> 1131 Harbor Bay Parkway ALAMEDA, CA 94502		<u>CONTACT DESCRIPTION</u>	

<u>PHONE TYPE</u> PHONE	<u>PHONE NUMBER</u> (510)-567-6764	<u>EXTENSION</u>
----------------------------	---------------------------------------	------------------

### **REGIONAL BOARD**

<u>CONTACT NAME</u> Cherie McCaulou	<u>INITIALS</u> CCM	<u>ORGANIZATION NAME</u> SAN FRANCISCO BAY RWQCB (REGION 2)	<u>EMAIL ADDRESS</u> cmccaulou@waterboards.ca.gov
<u>ADDRESS</u> 1515 CLAY STREET, SUITE 1400 OAKLAND, CA 94612		<u>CONTACT DESCRIPTION</u>	

<u>PHONE TYPE</u> Front Desk	<u>PHONE NUMBER</u> (510)-622-2300	<u>EXTENSION</u>
---------------------------------	---------------------------------------	------------------



Edward C. Ralston  
Program Manager  
Remediation Management  
Phillips 66 Company  
76 Broadway  
Sacramento, CA 95818  
Phone 916.558.7633  
ed.c.ralston@P66.com

December 31, 2014

Mr. Keith Nowell  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**Work Plan for Contamination Delineation**

**76 (Former BP) Station No. 2611117  
7210 Bancroft Avenue  
Oakland, California  
Fuel Leak Case No. RO0000356**

Dear Mr. Nowell:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please contact Mr. Dennis Dettloff at (916) 503-1261.

Sincerely,

A handwritten signature in black ink that reads "ED Ralston". The signature is written in a cursive, flowing style.

Edward C. Ralston  
Program Manager  
Remediation Management

# ***Work Plan For Contamination Delineation***

*76 (Former BP) Station No. 11117  
7210 Bancroft Avenue  
Oakland, CA*

*Alameda County Health Care Services Agency  
Fuel Leak Case No. RO0000356*

*San Francisco Bay, Regional Water Quality Control Board  
Case No. 01-0215*

*GeoTracker Global ID No.T0600100201*

*Antea Group Project No. I42611117*

*December 31, 2014*

*Prepared for:*  
**Mr. Keith Nowell**  
Alameda County Health Care  
Services Agency  
1131 Harbor Bay Parkway,  
Suite 250  
Alameda, CA 94502-6577

*Prepared by:*  
**Antea®Group**  
11050 White Rock Road  
Suite 110  
Rancho Cordova, CA  
95670  
+1 800 477 7411

## Table of Contents

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2.0	PROPOSED ACTIVITIES.....	1
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### Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Site Plan with Proposed Investigation Areas

### Appendices

Appendix A	ACHCSA E-mail
Appendix B	Previous Investigation and Site History Summary

# Work Plan

## *Site Investigation 76 (Former BP) Station No. 11117*

### 1.0 INTRODUCTION

---

Antea Group is pleased to submit this *Work Plan for Contamination Delineation*, for the referenced site in Oakland, California (**Figure 1**). The purpose of the investigation is to delineate the hydrocarbon impact in the vicinity of 3 areas requested in an email dated December 18, 2014 from Mr. Keith Nowell, Alameda County Health Care Services Agency (ACHCSA), in preparation for the proposed excavation using large diameter augers (LDAs) (**Appendix A**).

#### 1.1 Site Description

The site is a former 76 gas station, now a vacant lot, located at 7210 Bancroft Avenue in Oakland, California (**Figure 1**). In July 2014 the station building, fuel dispensers, underground storage tanks (USTs), and the associated product piping, were removed (**Figure 2**). In addition, all of the monitoring and remediation wells associated with the site, with the exception of monitoring well MW-10, were destroyed. See **Appendix B** for additional site information and for a history of environmental investigations and remedial actions.

### 2.0 PROPOSED ACTIVITIES

---

#### 2.1 Health and Safety

Before commencing field activities, Antea Group will prepare a Health and Safety Plan in accordance with state and federal requirements for use during drilling activities. Drilling permits will be obtained for the soil borings from the Alameda County Public Works Agency (ACPWA). An access agreement will be obtained from the current property owner of the site. Prior to drilling, Underground Service Alert (USA) will be notified, as required by law, and a private utility locator will be employed to clear the boring locations and the proposed excavation area for underground utilities. In addition, a hand auger will be used to clear each borehole location to a depth of 5 feet below ground surface (bgs) prior to drilling.



## **2.2 Direct Push Investigation**

Antea Group will advance soil borings near historic sample locations C-5, A-2, DPE-2, MW-2, and B (former tank pit) to approximately 35 feet bgs to confirm previously reported concentrations. The historical sample location will be located on the site by measuring the distances from the remaining curbs based on the site plan (**Figure 2**). Additional soil borings will be advanced five to ten feet from the soil boring where hydrocarbons are reported to determine the vertical and lateral extent of the hydrocarbon impact and the boundaries of the excavations in these additional areas. The final locations and number of soil boring will be determined in the field based on field observations, soil samples, Photo Ionization Detector (PID) measurements, odor, discoloration, and other signs of hydrocarbon impact.

## **2.3 Soil Sampling**

Soil samples collected during boring advancement will be collected continuously. Soils will be classified and logged according to the Unified Soil Classification System. PID measurements will be taken and recorded approximately every 1 to 2 feet. At a minimum, soil samples with the highest PID measurements in each boring and the bottom of each boring will be collected and retained for laboratory analysis. Additional soil samples may be collected and retained for laboratory analysis based on field observations, changes in lithology, depth of first water, and historical occurrences of hydrocarbons.

Soil samples retained for laboratory analysis will be given unique sample numbers, placed in an ice-cooled chest and recorded on the chain of custody (COC). The soil samples collected from soil boring advancement activities will be submitted to Pace Analytical (Pace), a California certified analytical laboratory (No. 08263CA), and analyzed for the following constituents:

- TPHg by Environmental Protection Agency (EPA) Method 8260B;
- Benzene, toluene, ethylbenzene, total xylenes (BTEX compounds) by EPA Method 8260B;
- Methyl tertiary-butyl ether (MTBE), ethyl tertiary-butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary-amyl methyl ether (TAME), tertiary-butyl alcohol (TBA), ethanol, 1,2 dichloroethane (1,2-DCA) and 1,2 dibromoethane (EDB) by EPA Method 8260B; and
- CAM 17 Metals by EPA Method 6010.

## **2.4 Excavation Delineation**

Boundaries for the additional areas of excavation will be determined based on the results from this investigation. The excavation areas will be flagged and marked with white paint. The boundaries will be measured and recorded from the remaining curbs to within a one foot accuracy. Photographs will be taken showing the delineation for future reference.

## **2.5 Waste Disposal**

Generated waste will be stored in Department of Transportation (DOT) approved 55-gallon drums and in accordance with the corresponding DOT protocols for non-hazardous waste. Antea Group will properly label and inventory all drums. The drums will be temporarily stored on-site, pending analysis and laboratory characterization. Upon receipt of the analytical characterization data, Antea Group will arrange for a licensed disposal contractor to transport and dispose of the waste at an appropriate facility. If the excavation proceeds before the waste soil has been disposed, the waste soil will be added to the excavated waste soil for disposal.

## **2.6 Reporting**

A summary report, describing the investigation activities will be submitted no later than 60 days after the field activities have been completed. Required electronic submittals will be uploaded to the State GeoTracker database.

### 3.0 REMARKS

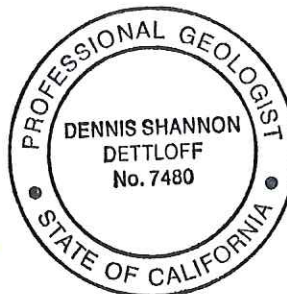
The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

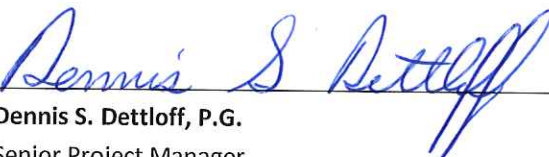
  
Jonathan Fillingame

Staff Geologist

Date: 12/31/14

Reviewed by:



  
Dennis S. Dettloff, P.G.

Senior Project Manager

California Registered Geologist No. 7480

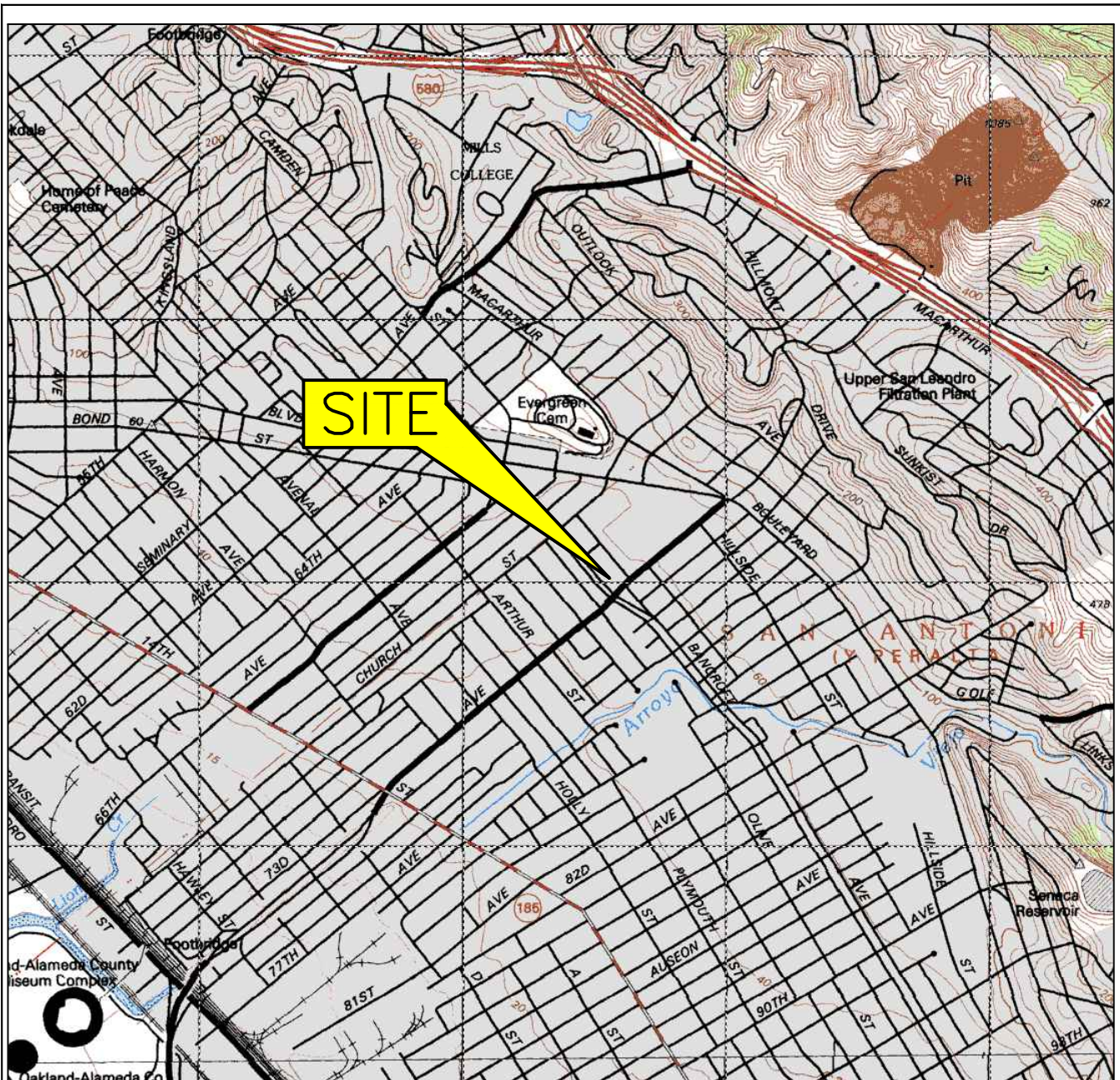
Date: 12/31/14

cc: Ms. Tiffany McClendon, One Eastmont Town Center, 7200 Bancroft Avenue, Oakland, CA 94605  
GeoTracker (upload)

## ***Figures***

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Site Plan with Proposed Investigation Areas





0 2000 FT

SCALE 1:24,000



GENERAL NOTES

BASE MAP FROM USGS, 7.5 MINUTE

TOPOGRAPHIC INFORMATION, C. PHOTO REUSE 1980

## FIGURE 1 SITE LOCATION MAP

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7210 000 C 000 000 EUE  
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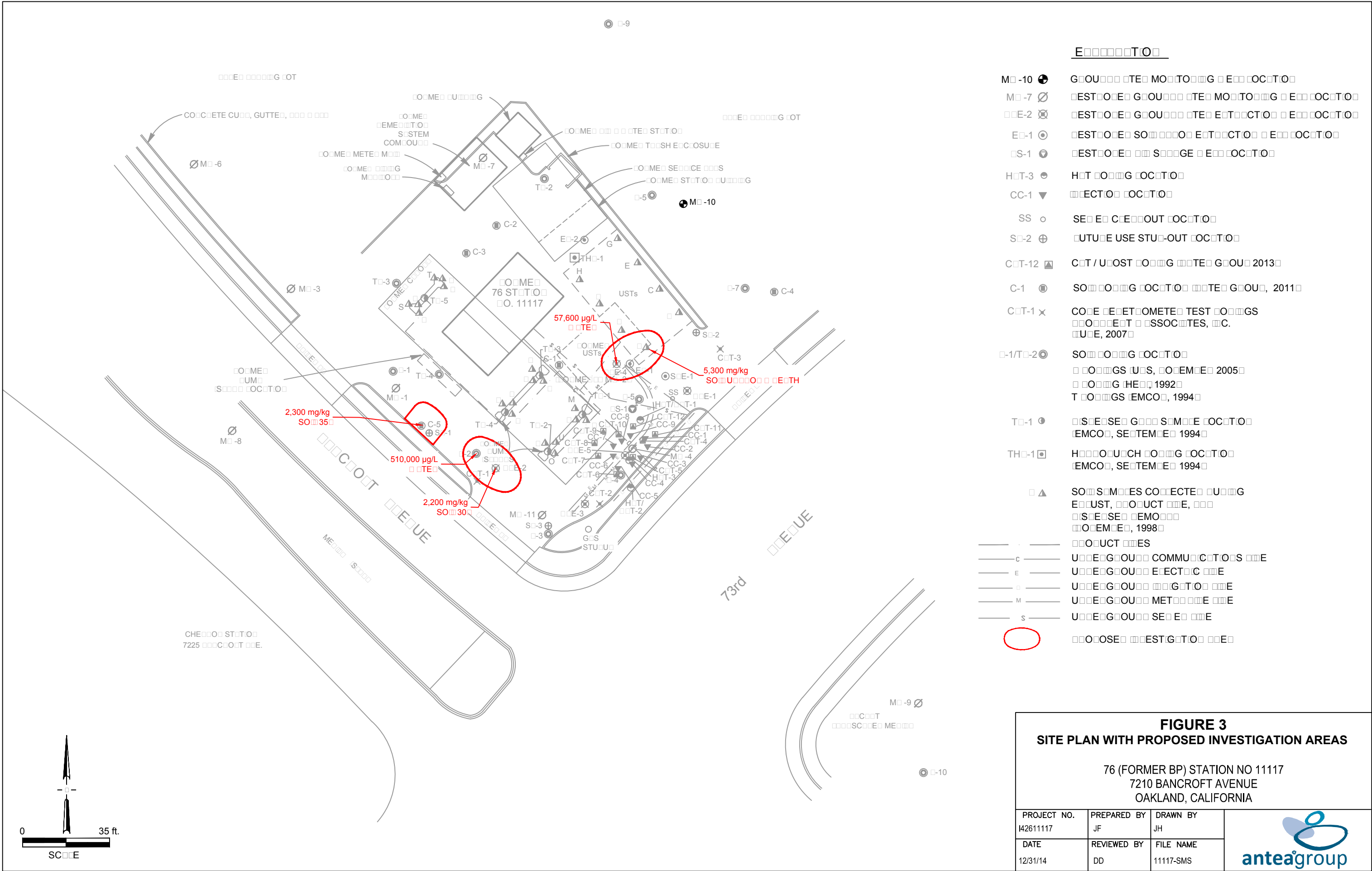
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FILE NAME  
1117-TO00









## ***Appendix A***

ACHCSA E-mail



## Jonathan Fillingame

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**From:** Nowell, Keith, Env. Health <Keith.Nowell@acgov.org>  
**Sent:** Thursday, December 18, 2014 10:37 AM  
**To:** Ed.C.Ralston@p66.com  
**Cc:** Dennis Dettloff; Roe, Dilan, Env. Health; 'jpaul@skbcos.com'  
**Subject:** Fuel Leak Case RO356 - BP #11117, 7210 Bancroft, Oakland, CA

Dear Mr. Ralston,

Alameda County Environmental Health (ACEH) has reviewed the case file including the document entitled draft Corrective Action Plan (CAP) dated July 29, 2014 prepared by Antea Group (Antea) for the subject site. The CAP proposes to over excavate an area of residual contamination through the use of large diameter augers (LDAs). As ACEH previously noted in its Directive letter dated July 14, 2014, other areas at the site appear to contain significantly elevated residual petroleum hydrocarbon contamination at depth and requested LDA be used to remediate these areas. This includes bore location C-5, with a total petroleum hydrocarbons as gasoline (TPHg) concentration of 2,300 milligrams per kilogram (mg/kg) at 35 feet below the ground surface (bgs), bore DPE-2 with TPHg concentration of 2,200 mg/kg at 30 feet bgs, bore B having 5,300 mg/kg TPHg at 15 feet bgs, and free product historically reported in well MW-2 and the grab groundwater sample from bore A-2 with 510,000 micrograms per liter (ug/L) TPHg.

ACEH is in agreement with Antea's proposal that a work plan addressing the characterization of these areas be prepared and submitted to ACEH prior to the initiation of over excavation using large diameter augers at the site.

Please prepare a work plan to delineate residual contamination locations C-5, DPE-2, A-2, B, and MW-2 for the purpose of using LDA over excavation. Please upload technical reports to the ACEH ftp site (Attention: Keith Nowell), and to the State Water Resources Control Board's Geotracker and ACEHs FTP websites, in accordance with the following specified file naming convention and schedule:

- **February 14, 2015– Work Plan for Contamination Delineation** (file name: RO0000356\_WP\_R\_yyyy-mm-dd)

Thank you for your cooperation. ACEH looks forward to working with you and your consultants to advance the case toward closure. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at [keith.nowell@acgov.org](mailto:keith.nowell@acgov.org).

Respectfully,  
Keith Nowell

Keith Nowell PG, CHG  
Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6540  
phone: 510 / 567 - 6764  
fax: 510 / 337 - 9335  
email: keith.nowell@acgov.org

PDF copies of case files can be reviewed/downloaded at:

<http://www.acgov.org/aceh/top/ust.htm>

## ***Appendix B***

Previous Investigation and Site History Summary

## SITE LOCATION AND BACKGROUND

The Site is an active 76-brand gasoline retail outlet located on the northern corner of Bancroft Avenue and 73rd Avenue at 7210 Bancroft Avenue in Oakland, Alameda County, California (**Figure 1**). The site consists of a service station building, three 12,000-gallon gasoline underground storage tanks (USTs), and one 10,000-gallon diesel UST with associated piping and dispensers. The site is covered with asphalt or concrete surfacing except for planters along the southeastern and southwestern property boundaries and at the north corner of the property.

Land use in the immediate vicinity of the site is mixed commercial and residential. BP acquired the facility from Mobil Oil Corporation in 1989. In January 1994, BP transferred the property to TOSCO Marketing Company (TOSCO) and has not operated the facility since that time.

## SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

**1984 UST Replacement:** In 1984, the pre-existing USTs at the site were removed and three single-walled fiberglass gasoline USTs (6,000-gallon, 10,000-gallon, and 12,000-gallon) and one 6,000-gallon diesel UST were installed in a cavity immediately to the northeast of the former USTs. A UST removal/installation report is not on file, and it is unknown if one was ever prepared. No documentation was reportedly found referencing the conditions of the removed USTs or reporting evidence of the hydrocarbon impacts in the soil and groundwater, if any, at the time of the UST removal.

**1989 Phase II Environmental Audit:** In December 1989, Hunter Environmental Services, Inc. (Hunter) performed a Phase II Environmental Audit on the adjacent Eastmont Town Center site located to the north and northwest of the former BP Site. Part of the Phase II study included the installation monitoring well MW-3 near the western boundary of the former BP Site. Soil samples collected from 10 and 20 feet below ground surface (bgs) from MW-3 were analyzed for total petroleum hydrocarbons (TPH), benzene, toluene, ethyl benzene, and total xylenes (BTEX), and oil and grease. No analytes were reported above their respective laboratory reporting limits (LRLs). A groundwater sample collected from MW-3 was reported to contain TPH and benzene at concentrations of 2,700 micrograms per liter (µg/L) and 530 µg/L, respectively (Hunter, 1989).

**1991 Phase I Subsurface Investigation:** In December 1991, Hydro Environmental Technologies, Inc. (Hydro) drilled two on-site soil borings (MW-1 and MW-2) to total depths of 40 feet bgs, and soil samples were collected at 10-foot intervals between 5 and 25 feet bgs. First groundwater was encountered at approximately 30 feet bgs. The analytical results of the soil samples from MW-1 and MW-2 reported total petroleum hydrocarbons as gasoline (TPHg) and BTEX at concentrations below their respective LRLs (Hydro, 1991).

**1992 Phase I Subsurface Investigation:** In July 1992, Hydro advanced boring MW-4 and MW-6 to total depths of 40 feet bgs, and boring B-5 was advanced to 50 feet bgs. First groundwater was encountered at approximately 30 feet bgs in borings MW-4 and MW-6, and no free water was encountered in boring B-5. The analytical results of soil samples collected at 30 feet bgs from B-5 and MW-6 reported TPHg and BTEX at concentrations below their respective LRLs. The maximum TPHg and BTEX concentrations in soil reported in MW-4 were 6,000 milligrams per kilogram (mg/kg) and 34 mg/kg, respectively, from a depth of 20 feet bgs. Borings MW-4 and MW-6 were subsequently converted into monitoring wells (Hydro, 1992).

**1994 Baseline Assessment Report:** In September 1994, EMCON performed a Supplemental Site Assessment at the site. Four exploratory soil borings (THP-1, TB-2, TB-3, TB-4) were advanced to a maximum depth of 45 feet bgs north of the

former and existing UST complexes (THP-1), at the former service bays (TB-2), north of the northern pump island (TB-3), and at a former pump island (TB-4). Additionally, one soil sample was collected from beneath each of the five dispensers (TD-1 through TD-5). Groundwater was encountered in TB-2 and TB-3 at approximately 33 to 36 feet bgs and groundwater samples were collected from TB-2 and TB-3 via temporarily well points. Maximum concentrations of 16 mg/kg TPHg (TD-3), TPH as diesel (TPHd) at concentrations ranging from 110 mg/kg to 5,000 mg/kg (TD-1 through TD-5), and benzene at concentrations below LRLs were reported in soil samples. TPHg was not reported above the LRLs and a maximum concentration of 0.7 µg/L benzene (TB-3) was reported in groundwater samples (EMCON, 1994).

**1994 Well Installation:** In October 1994, Hydro advanced boring MW-7 to a total depth of 45 feet bgs, and borings MW-8 and MW-9 were advanced to total depths of 40 feet bgs. First encountered groundwater was at approximately 27 feet bgs to 32 feet bgs. TPHg and BTEX were not reported above their respective LRLs in soil samples collected from 25 feet bgs in each boring. The three borings were subsequently converted into monitoring wells MW-7 through MW-9 (Hydro, 1995).

**1997 Offsite Well Installation:** In July 1997, Pacific Environmental Group (PEG) drilled one boring (MW-10) offsite to a depth of approximately 37.5 feet bgs. Soil samples were collected and the boring was subsequently converted into a monitoring well. First groundwater was encountered at approximately 26 feet bgs. No TPHg, BTEX or methyl tertiary butyl ether (MTBE) was reported in soil samples at concentrations above their respective LRLs in MW-10. TPHg and BTEX were not reported in the groundwater sample collected from MW-10 at concentrations above their respective LRLs. However, MTBE was reported at concentration of 13 µg/L using EPA Method 8020 (PEG, 1997).

**1998 UST and Associated Piping and Dispenser Removal:** In August 1998, Environmental Resolutions, Inc. (ERI) removed the three gasoline USTs (6,000-gallon, 10,000-gallon, and 12,000-gallon), one 6,000-gallon diesel UST, and associated dispensers and piping from the site. There was no visible evidence of leakage from the USTs removed. A total of eight native soil samples were collected from beneath each end of the removed USTs (denoted as A through H on **Figure 2**) at depths of 14 to 16 feet bgs, and a total of 18 soil samples (denoted as I through Z on **Figure 2**) were collected from the former dispenser locations and from beneath the associated product lines at three feet bgs (ERI, 1998).

TPHg was reported in five of the eight UST excavation samples at concentrations ranging from 3.7 mg/kg (S-15-T2S) to 5,300 mg/kg (S-15-T1S). TPHd was reported at 630 mg/kg (S-15-T1N) and 800mg/kg (S-15 T1S) into two samples, benzene concentrations ranged between 0.40 mg/kg (S-15-T1N) to 0.95 mg/kg (S-16-T3N) in three samples, MTBE concentrations ranged between 0.028 mg/kg (S-14-T4S) to 5.3 mg/kg (S-16-T3N) in seven samples, and lead was not reported in the sample analyzed for lead. TPHg was reported in nine of the eighteen dispenser and product line samples with concentrations ranging between 1.4 mg/kg (S-3-PL12) to 7,200 mg/kg (S-3-D4). TPHd was reported between 4.8 mg/kg (S-3-PL12) to 190 mg/kg (S-3-PL11) in five samples, benzene was reported between 0.0089 mg/kg (S-3-PL12) to 22 mg/kg (S-3-D4) in three samples and MTBE was reported between 0.048 mg/kg (S-3-PL12) to 15 mg/kg (S-3-PL1) in ten samples (ERI, 1998).

During the 1998 UST replacement activities, approximately 389 tons of soil and backfill were transported off-site disposal. The existing 10,000-gallon diesel and three 12,000-gallon gasoline USTs were installed as replacements (ERI, 1998).

**1999 Groundwater Recovery Test:** In April 1999, Alisto Engineering Group (Alisto) conducted groundwater recovery tests on wells MW-1 through MW-4, MW-6, MW-7 and MW-10 to assess the spatial variation in hydraulic conductivity in the

shallow water-bearing zone across the Site. Testing by the Bouwer-Rice method yielded hydraulic conductivities of  $2.46 \times 10^{-2}$  ft/min for MW-1,  $2.42 \times 10^{-4}$  ft/min for MW-2,  $3.82 \times 10^{-4}$  ft/min for MW-3,  $5.75 \times 10^{-4}$  ft/min for MW-4,  $1.99 \times 10^{-2}$  ft/min for MW-6,  $1.09 \times 10^{-4}$  ft/min for MW-7 and  $8.78 \times 10^{-5}$  ft/min for MW-10. The geometric mean of the hydraulic conductivity and flow velocity values were calculated to be  $1.37 \times 10^{-5}$  feet per second and 73.85 feet per year, respectively (Alisto, 1999).

**1999 Extraction Well Installation:** In November 1999, Cambria Environmental Technology, Inc. (Cambria) installed two 4-inch diameter wells (EX-1 and EX-2) on-site to facilitate potential remedial activities at the site. Well EX-1 was drilled to 39.5 feet bgs and EX-2 was drilled to 36.5 feet bgs. Groundwater was first encountered at 26 feet bgs. No TPHg or BTEX, and relatively low MTBE concentrations (below 0.012 mg/kg) were reported in soil samples collected from EX-1 and EX-2 (Cambria, 2000).

**2000 Interim Remedial Action and Recovery Testing:** Between March 16 and April 30, 2000, Cambria conducted interim remedial activities at the site to evaluate the effectiveness of hydrocarbon and MTBE reduction using short-term groundwater extraction. During eight extraction events, approximately 10,900 gallons of groundwater was extracted from wells EX-1, EX-2 and MW-2. During the extraction events, stable to slightly decreasing hydrocarbon and MTBE concentration trends were reported in samples collected from wells MW-2 and EX-1, located immediately southwest of the existing USTs. Samples from well EX-2, located north of the existing USTs, exhibited lower hydrocarbon and MTBE concentrations than MW-2 and EX-1. In April 2000, during the batch extraction events, recovery tests were conducted on wells EX-1, EX-2 and MW-2. Based on the recovery test measurements, the calculated hydraulic conductivity values ranged from  $1.85 \times 10^{-4}$  ft/min to  $8.33 \times 10^{-4}$  ft/min with resulting flow velocities of 16 ft/year to 73 ft/year at well MW-2 (Cambria, 2000).

The calculated hydraulic conductivity values ranged from  $2.02 \times 10^{-5}$  ft/min to  $3.85 \times 10^{-5}$  ft/min for well EX-1 with resulting flow velocities of 1.8 to 3.4 Ft/yr. And a well EX-2, the calculated hydraulic conductivity values ranged from  $3.04 \times 10^{-4}$  ft/min to  $2.13 \times 10^{-3}$  ft/min for resulting flow velocities of 27 ft/year to 187 ft/year. The geometric mean of these values is a hydraulic conductivity of  $3.0 \times 10^{-4}$  ft/min and resulting flow velocity of 26 ft/year (Cambria, 2000).

**2001 Dual-Phase Extraction Pilot Test:** From October 29, through November 2, 2001, Cambria performed a dual phase soil vapor and groundwater extraction (DPE) pilot test on the monitoring wells with the highest historical hydrocarbon concentrations (i.e., MW-2 and MW-4) and the extraction wells (EX-1 and EX-2) at the site. The DPE test results indicated that the vacuum influence was limited to within 18 to 28 feet of the extraction well. Water levels typically decreased several feet in the extraction wells and had a varied response in the observation wells. Estimated vapor-phase removal rates were approximately 200-pounds of hydrocarbon per day in wells MW-4 and EX-1, and less than 5-pounds of hydrocarbon per day in wells MW-2 and EX-2 (Cambria 2002).

Soil vapor concentrations showed a decreasing trend in wells MW-4 and EX-1 during the short-term pilot tests. Grab water samples collected before and after the pilot tests remained the same order of magnitude. A total of 6,500 gallons of water were extracted during the DPE pilot test and appropriately disposed off-site. Overall, the test results indicated that DPE is a feasible remedial alternative for the site (Cambria, 2002). Alameda County Environmental Health (ACEH) approved Cambria's August 8, 2002, *Dual Phase Extraction Pilot Test Report* as a Corrective Action Plan (CAP).

**2005 Soil and Water Investigation:** In fall 2005, URS completed nine Geoprobe soil borings with co-located Hydropunch borings. The first phase of work was on-site source area characterization: five boring locations (A-1 through A-5) were advanced in the vicinity of the possible hydrocarbons source areas such as locations of former and current USTs, products dispensers, and in the vicinity of MW-4 to adequately characterize the lateral and vertical extent of petroleum hydrocarbons in soils in the identified source areas. An off-site assessment was completed during the second phase of work (borings A-7 through A-10) to further define the downgradient, cross-gradient, and up-gradient extent of the groundwater plume (soil boring A-6 was unable to be advanced due to close proximity to electric lines and product piping). Maximum concentrations of TPHg, benzene, and MTBE were reported in soil at concentrations of 490 mg/kg [A-4 (23.5-24')], 0.11 mg/kg [A-5 (35-35.5')], and 0.84 mg/kg [A-1 (46-46.5')], respectively. Maximum concentrations of GRO, benzene, and MTBE were reported in ground water at concentrations of 510,000 µg/L [A-2 (21.3')], 11,000 µg/L [A-4 (34-36')], and 39,000 µg/L [A-4 (34-36')], respectively (URS, 2005).

The cross-gradient and downgradient lateral extents of the dissolved hydrocarbon plume were characterized during the last investigation. However, the vertical extent of the dissolved-phase hydrocarbons on the southern portion of the site was not defined. Specifically, significantly elevated concentrations were reported in Hydropunch groundwater samples collected from the bottom depths of soil borings A-2, A-3 and A-4. The bottom Hydropunch sample collected from boring A-2 (40-42 ft bgs) contained concentrations of GRO, benzene, and MTBE at 36,000 µg/L, 1,800 µg/L, and 110 µg/L, respectively. The bottom Hydropunch sample collected from boring A-3 (34-36 ft bgs) contained concentrations of GRO, benzene, and MTBE at 12,000µg/L, 21µg/L, and 8.3µg/L respectively. The bottom Hydropunch sample collected from boring A-4 (34-36 ft bgs) contained GRO, benzene, and MTBE concentrations of 120,000µg/L, 11,000µg/L and 39,000 µg/L respectively (URS, 2005).

Therefore, the vertical extent of dissolved phase petroleum hydrocarbon contamination remains unknown in this southern area of the site (URS, 2005). A work plan for soil and water investigation to delineate the vertical extent of contamination in the southern portion of the site was submitted to ACEH in October 2006.

**2007 Soil and Groundwater Investigation:** In April 2007, Stratus Environmental, Inc. (Stratus) advanced cone penetrometer test (CPT) borings in three locations onsite (CPT-1 through CPT-3) to maximum depths of 60 feet bgs. CPT-1 was advanced southwest of the dispenser islands and southeast of monitoring well MW-1; CPT-2 was advanced south of the dispenser islands and southwest of monitoring well MW-4; CPT-3 was advanced in the eastern corner of the site as requested by the ACEH. An Ultraviolet Induced Fluorescence (UVIF) module was used at each CPT boring location, analyzing the vertical extent of petroleum hydrocarbons in addition to providing soil profiling data. Groundwater samples were collected from multiple depths at each boring locations; physical soil samples were not collected during this investigation.

- TPHg was reported above laboratory reporting limits in five of the seven groundwater samples, ranging from 170 µg/L (CPT-3-28-32') to 170,000 µg/L (CPT-1-37-41').
- Benzene was reported above laboratory reporting limits in four of the seven groundwater samples, ranging from 0.51 µg/L (CPT-3-23-27') to 7,700 µg/L (CPT-2-37-41').
- Toluene was reported above laboratory reporting limits in three of the seven groundwater samples, ranging from 57 µg/L (CPT-1-30-34') to 670 µg/L (CPT-2-28-32').

- Ethylbenzene was reported above laboratory reporting limits in four of the seven groundwater samples, ranging from 530 µg/L (CPT-2-37-41') to 2,600 µg/L (CPT-1-37-41').
- Total xylenes were reported above laboratory reporting limits in four of the seven groundwater samples, ranging from 290 µg/L (CPT-2-37-41') to 9,600 µg/L (CPT-1-37-41').
- MTBE was reported above laboratory reporting limits in five of the seven groundwater samples, ranging from 4.4 µg/L (CPT-3-56-60') to 6,500 µg/L (CPT-2-37-41').
- TBA was reported above laboratory reporting limits in groundwater sample CPT-2-37-41' at 2,400 µg/L.

**2007-2008 DPE System Installation:** Construction of the DPE system was started by Broadbent & Associates, Inc (BAI) and Stratus in late 2007. The system consists of a thermal/catalytic oxidizer with a 25 horsepower liquid ring blower designed to extract water and vapor from six on-site extraction wells. Extracted vapor were to be treated by thermal/catalytic oxidation and discharged to the atmosphere under the oversight of the Bay Area Air Quality Management District. Extracted groundwater was to be treated by a sediment filter and three 1,000 pounds carbon vessels before being discharged into the City of Oakland sanitary sewer system. DPE wells DPE-1 through DPE-5 were installed at the site to total depths ranging from 35 feet to 40 feet bgs. Well MW-2 was overdrilled and destroyed to allow DPE-4 to be installed in the same borehole.

As of the end of the fourth quarter 2008 the system had not been started. BAI and Stratus were still coordinating with Pacific Gas & Electric (PG&E) to install electrical service to the system. Natural gas was completed to the site and system in third quarter 2008 (BAI, 2008a).

During DPE construction activities, on-site groundwater monitoring well MW-11 was installed to a total depth of 40 feet bgs on the southern corner of the site. Soil samples collected at 20 feet and 30 feet bgs reported maximum concentrations of 1.9 mg/kg TPHg and 0.0089 mg/kg benzene. MTBE was not reported above the LRL in either of the soil samples (BAI, 2008a).

**2009-2011 DPE System Startup Efforts:** In 2009, Antea Group (formerly Delta Consultants) began coordinating with nearby businesses (Eastmont Mall and Burger King) for the 3-phase power source. Due to financial consideration, Antea Group also explored another alternative for the startup of the DPE system, which included reconfiguring the current system for single phase power.

**2011-2012 Remedial Action Site Investigation:** Antea Group submitted the *Remedial Action Investigation Work Plan*, dated August 03, 2011 to the ACEH. The ACEH approved the proposed scope of work in an agency letter to Antea Group dated September 1, 2011. In October 2011, Antea Group and subcontractors advanced borings C-1 through C-5, and advanced and installed remedial wells SVE-1 and AS-1 per the August 2011 work plan. Antea Group submitted a *Remedial Investigation Work Plan Addendum*, dated December 13, 2011 which proposes a postponement of the AS/SVE pilot test described in the August 3, 2011 *Remedial Action Investigation Work Plan* to utilize a new remedial strategy called Plume Stop, a product created by Regenesis. Between March 26 and 30, 2012, Antea Group and Regenesis oversaw subcontractor Vironex inject Plume Stop at nine soil boring locations using direct push technology.

**2013 Site Investigation:** Antea Group conducted a site investigation on October 14 through 18, 2013 including the advancement of nine CPT borings (CPT-4 through CPT-12). The borings were advanced in the vicinity of monitoring well



MW-4 in an attempt to evaluate soil contamination in the area in preparation for a feasibility study/corrective action plan. Results of the investigation were reported in the *Site Investigation Report*, dated January 24, 2014.

**2014 Well Destruction:** On July 7 through 10, 2014, Cascade Drilling (Cascade), under supervision of an Antea Group field geologist, destroyed fifteen (15) on-site wells (MW-1, MW-3, MW-4, MW-6, MW-7, MW-11, EX-1, EX-2, DPE-1 through DPE-5, SVE-1, and AS-1) and two (2) off-site wells (MW-8 and MW-9). The well destruction was conducted in preparation for site razing, fuel dispenser piping and UST removal activities.

## **FREE PRODUCT RECOVERY DURING GROUNDWATER MONITORING EVENTS**

Free product was observed in groundwater monitoring well MW-2 between 1993 and 1998, at thicknesses ranging from 2.60 feet (3/30/1994) to less than 0.01 feet (10/2/1997 to 7/21/1998). When free product was observed in the well, it was removed by bailer. Between 1993 and 1998, a cumulative total of 24.90 gallons of free product had been removed from the well (Alisto, 1998).

Free product was also observed in monitoring well MW-4 during the third quarter 2001 (0.03 inches), fourth quarter 2006 (0.11 inches), first quarter 2008 (0.01 inches), and third quarter 2008 (0.05 inches); and in EX-2 during the second quarter 2007 (0.01 inch). With the exception of 1.5 gallons of a free product/water mixture recovered from monitoring well MW-4 during the third quarter 2008 (BAI, 2008b), free product was not recovered from these wells when observed.

## **SENSITIVE RECEPTORS**

**2000 Potential Receptor Survey, Expanded Site Plan and Well Search:** In October 2000, Alisto completed a potential receptor survey, prepared an expanded site plan with neighboring property parcel information and underground utilities mapped, and identified wells in the vicinity of the site. A review of the files of the California Department of Water Resources (DWR) was performed to identify all known wells within one-half mile radius of the site. The results of the well search revealed that there were 17 wells other than the on-site monitoring wells. Of these, 11 were offsite monitoring wells; four were cathodic protection wells, one an industrial well, and one irrigation well for a nearby cemetery. No domestic/municipal water supply wells were identified from review of the DWR files (Alisto, 2000).

**2010 Sensitive Receptor Survey:** Delta Consultants (Delta) submitted a *Sensitive Receptor Survey* in October 2010. As part of that receptor survey, Delta conducted a records review (environmental database search), a well radius search, and a search for other sensitive receptors which have the potential to be affected by the petroleum hydrocarbon release at the site. Delta's review of the historical aerial photographs indicated that the site in 1939 was primarily used for agricultural purposes with small family residences. In general, the site was developed to the current conditions with the station building in 1974. The historical topographic maps support the indication of residential houses and agriculture in the site region as early as 1915 to 1948. The well search indicated that 10 wells were within a one-mile radius of the site. DWR indicated the presence of 7 wells within a one-mile radius of the site. However, no records were found for the status of these wells as being active or abandoned. The main surface water bodies were Lake Merritt located northwest of the site and San Leandro Bay located west of the site. Several churches, schools and day care centers were located within a one-mile radius of the site. Based on the above identified receptors' distances from the site, directions from the site, and extent of hydrocarbon impact at the site, they were not anticipated to be affected by the petroleum hydrocarbon release at the site.



## **APPENDIX H**

### **TERMINOLOGY**

## TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E 1527-13. The Standard Practice should be referenced for further detail related definitions or additional explanation regarding the meaning of terms.

**Recognized environmental condition (REC):** The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

**De minimis conditions:** Conditions that generally do not present threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions or controlled recognized conditions.

**Historical recognized environmental condition(s) (HREC):** 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 residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time of the Phase I ESA, the condition shall be included in the conclusions section of the report as a recognized environmental condition,

**Controlled recognized environmental condition(s) (CREC):** A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by the regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. NOTE: A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

**Material threat:** A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank that contains a hazardous substance and which shows evidence of damage such that it may cause or contribute to tank integrity failure with a release of contents to the environment.

**Material impact to public health or environment:** A substantial risk of harm to public health or the environment resulting from the presence or likely presence of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. An example might include a release of a hazardous substance in concentrations exceeding applicable governmental agency standards under conditions that could reasonably and foreseeably result in substantial exposure to humans or

substantial damage to natural resources. The risk of that exposure or damage would represent a material impact to public health or environment.

**General risk of enforcement action:** The likelihood that an environmental condition would be subject to enforcement action if brought to the attention of appropriate governmental agencies. If the circumstances suggest an enforcement action would be more likely than not, then the condition is considered a general risk of enforcement action.

**Data failure:** A failure to achieve the historical research objectives, even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

**Data gap:** A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).