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## **APPENDICES**

- A Environmental Professional's Resume and Certification
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- C Property Photographs
- D FSTC Environmental FirstSearch Report
- E ASTM Transaction Screen and Environmental Site Assessment Questionnaire
- F Subsurface Investigation Report for Off-Site Leak Case

## **1.0 INTRODUCTION**

### **1.1 Purpose and Scope**

This Phase I Environmental Site Assessment (ESA) was performed to identify, to the extent feasible, recognized environmental conditions in connection with the subject site (cited hereinafter as the "Property"). 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 this part. 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. The protocol utilized for this assessment is in general accordance with the requirements of ASTM Standard E 1527-05.

The environmental professional's resumes and certification is included in **Appendix A**.

The assessment included four main components: Records Review, Historical Use Information Review, Visual Reconnaissance of the Property and Interviews, and Report Preparation. The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with the Property. The objective of the visual reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the Property. The objective of the interviews is to obtain additional information indicating recognized environmental conditions in connection with the Property. The report includes documentation to support the analysis, opinions and conclusions as presented.

### **1.2 Authorization**

Authorization to perform this assessment was provided by Mr. Chris Kwei on February 14, 2007 in response to ERAS proposal dated the same day.

### **1.3 Limitations and Exceptions**

ERAS has performed the services for this project in accordance with our proposal, and in accordance with current standards of the American Society for Testing and Materials (ASTM) for Phase I Environmental Site Assessments (ASTM standard E1527-05). No guarantees are either expressed or implied.

The investigation was limited to a search for *recognized environmental conditions*. The term *recognized environmental condition* means the presence or likely presence of any hazardous substances or petroleum products on the 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, groundwater, 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.

There is no investigation, which is thorough enough to preclude the presence of hazardous materials, which presently, or in the future, may be considered hazardous at the Property. Because regulatory evaluation criteria are constantly changing, concentrations of constituents presently considered low may, in the future, fall under more stringent regulatory standards that require remediation.

The visual reconnaissance was limited to observation of surface conditions at the Property. *Reasonably ascertainable* information was obtained. This information is publicly available and obtainable from its source within reasonable time and cost constraints, and is reasonably reviewable. This approach reflects current ASTM standards unless the information obtained as part of this work suggests the need for further investigation. No warranty or guarantee of Property conditions is intended.

The investigation addressed recognized environmental conditions at the Property. However, certain conditions, such as those listed below, may not be revealed:

- 1) naturally occurring toxic materials in the subsurface soils, rocks, water or toxicity of on site-flora;
- 2) toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;
- 3) biological pathogens;
- 4) contaminant plumes below sampled or observed surface levels, originating from a remote source;
- 5) constituents or constituent concentrations that do not violate present regulatory standards, but may violate future standards;
- 6) unknown impact to the Property, such as "midnight" dumping and/or accidental spillage which may occur following the visual reconnaissance of the Property by ERAS.

Opinions and judgments expressed herein, which are based upon our understanding and interpretation of current regulatory standards, should not be construed as legal opinions.

## **2.0 PROPERTY DESCRIPTION**

### **2.1 Location and Jurisdiction**

The subject property (hereinafter the "Property") is located on the west side of Telegraph Avenue approximately 100 feet north of the intersection between Telegraph Avenue and 52<sup>nd</sup> Street in the northern portion of the City of Oakland.

The area of the Property is developed with a city library, commercial buildings, residential and retail buildings. San Francisco bay is located approximately 2 miles to the west. Highway 24 is located approximately 750 feet west of the Property. The 1 Mile Radius Map included as a site location map in **Appendix B** shows the location of the Property.

### **2.2 Property Description**

An ERAS representative visited the Property on February 15, 2007. The Property is a roughly rectangular shaped parcel. It is improved with a single story wood frame building located near the Telegraph Avenue side of the parcel.

The Property contains a vacant, former "Abassinia" restaurant building, a concrete and asphalt paved driveway and patio area and a fenced, weed and grass covered back yard. Several scattered logs, a plastic trash bin and miscellaneous bits of trash were in the back yard area. No indication of leakage, spillage or dumping of hazardous materials was noted on the exterior portions of the Property. A narrow patio area at the front of the building has a concrete patio with the bases of several tables set in the concrete, and landscaping.

The front portion of the building appeared older than the rear half based on the wood siding and interior finish. Both portions were constructed of wood frame with wood siding on a concrete foundation with a wooden floor a few inches above gravel. The side of the building facing the driveway was finished with stucco. A metal water heater enclosure was located at the north side of the building between the outside wall and the fence. A vent for the sub floor area was located at the south side of the building.

The inside of the building included an open seating area, a service counter with a kitchen behind the counter, two restrooms, three storage rooms and a dishwashing room. The interior was finished with carpet, concrete or ceramic tile floors, wood panel and sheetrock walls, sheetrock ceilings. Access holes had been opened in a wall, ceiling and floor for inspection purposes. Gravel fill was visible at a few inches below the flooring in the front portion of the building. Portions of the cooking and dishwashing equipment remained in the building along with plastic trash cans, miscellaneous items. A metal plate in the floor of the dishwashing area appeared to be for a grease trap.

Chemicals used and stored on the Property included only one five gallon capacity plastic container of concentrated dishwashing detergent. No indication of leaks or spills was noted in these areas.

Septic systems, drywells, monitoring wells or evidence of subsurface investigations was not observed on the Property by ERAS. No evidence of above ground tanks (AST) or underground storage tanks (UST) was observed on the Property by ERAS. No evidence of leakage, spillage or

dumping of regulated material was observed on the Property by ERAS.

A Site Plan (**Figure 2**) illustrating important features of the Property is included in **Appendix B**. Photographs of the Property are included in **Appendix C**. Observations made by ERAS at the time of the site visit are shown on the site reconnaissance checklist in **Appendix E**.

### **2.3 Property Use**

The Property was vacant and unoccupied at the time of the site visit. A sign on the building and restaurant fixtures inside, indicate that the former occupant was "Abyssinia" a restaurant. Previous uses of the Property include a residence and soul food restaurant. It appears the current building was constructed beginning in 1928. See additional information in **Section 4.0, Historical Use Information**.

### **2.4 Suspect ACM/PCBs/Lead Paint/Lead in Drinking Water**

#### *Asbestos*

Based on the approximate construction date (approximately 1928) of the building it is possible that there are amounts of asbestos containing materials (ACM) present. Roofing materials, even of this newer age could contain asbestos.

ACM may become a hazard if the materials are disturbed during demolition, renovation or remodeling activities. All materials suspected to contain asbestos should be sampled and analyzed prior to activities that could damage them.

#### *PCBs*

Electrical transformers were not noted on the Property. There was no indication that PCB containing equipment was used on the Property.

#### *Lead Paint*

Based on the approximate construction date (approximately 1928) of the building, it is possible that the building contains lead-based paint.

#### *Lead in Drinking Water*

A survey of the building for lead in drinking water was not requested in the Scope of Work for this assessment.

### **2.5 Physical Setting**

The subject property is in the northern part of the City of Oakland in the San Francisco Bay area. The San Francisco Bay area occupies a broad alluvial valley that slopes gently northward toward San Francisco Bay and is flanked by alluvial fans deposited at the foot of the Diablo Range to the east and the Santa Cruz Mountains to the west.

The Property is located approximately 2 miles east of the San Francisco bay and 2 mile north of Lake Merritt, a tidally influenced lake. Surface topography in the immediate vicinity of the Property slopes gently down to the southwest. Upland surfaces of the Coast Ranges begin less than 1/2 mile to the east. Elevation of the Property is approximately 120 feet above Mean Sea Level (MSL) according to the United States Geological Survey (USGS) Oakland West Quadrangle Topographic

Map. The topography in the vicinity of the Property slopes gently down to the southwest toward the San Francisco Bay.

## **2.6 Geologic and Soil Conditions**

Materials underlying the site area are Quaternary-age alluvial sediments consisting of unconsolidated gravels, sands and silts with interbeds of coarse-grained sandy sediments deposited by erosion and alluvial deposition from the nearby upland surfaces. Bedrock at an estimated depths of less than 100 feet beneath the sediments consists of Jurassic-aged sedimentary rocks of the Franciscan Formation.

## **2.7 Groundwater Conditions**

The subject site is located on the San Francisco Bay Plain in the northernmost part of the Santa Clara Valley Groundwater Basin, (RWQCB, 1986), the surface of which slopes down toward San Francisco Bay. The regional groundwater flow follows the topography, moving from areas of higher elevation to areas of lower elevation. The regional groundwater flow direction in the area of the Property is estimated to be toward the southwest.

At 5200 Telegraph Avenue (ProCare) and at 5101 Telegraph Avenue (Chevron Service Station), both leaks sites located in the vicinity of the Property, the depth to water has been reported to be approximately 8 to 12 feet below the ground surface with a flow direction predominantly toward the southwest (Mactec, 2005 and Gettler-Ryan, 2005).

### 3.0 REGULATORY AGENCY RECORDS REVIEW

#### 3.1 Standard Federal and State Environmental Record Sources

Groundwater provides the primary migration route for subsurface contamination from off-site sources to the Property. The regional direction of groundwater flow in the area of the Property has been measured to the southwest (Mactec, 2005).

*Only the sites that are directly up-gradient or in close proximity (adjacent) are usually considered to pose a threat to subsurface environmental conditions under the Property. The potential impact of off-site contaminants to the Property are based on the type of chemical released, the severity of the release, status of remediation or cleanup, and nature of the groundwater in the area of impact and area of the Property.*

Sites where groundwater is known to be impacted are listed on a variety of Federal and State databases and are the cases most likely to affect other nearby parcels. These databases include the National Priority List (NPL), Superfund (CERCLIS) and State-Sites lists. Sites that have caused groundwater contamination from fuel (petroleum) leaks and solvent leaks are reported on the Leaking Underground Storage Tank List (LUST).

Fuel hydrocarbons generally do not migrate as readily as other chemicals such as certain solvents; consequently, reported fuel leak sites at distances greater than 1/2 mile from the Property are not considered imminent threats and are not plotted on database maps. Leaks from underground storage tank sites are the most common source of local contamination. Leaks of this type generally do not extend down-gradient more than approximately 500 feet (approximately 1/10 mile) except under unusual conditions. All toxic sites within a 1 mile radius are plotted and reviewed to determine potential threats to the Property.

Databases searched for specified radii around the Property also include listed facilities that treat, store, transfer or dispose of hazardous waste (RCRATSD), large (RCRA-GEN) generators of hazardous waste, reported spills of hazardous materials (ERNS, State Spills) sites containing registered underground storage tanks (REG UST).

Information from standard Federal and State environmental databases was provided to ERAS by Environmental FirstSearch Technology Corporation (FSTC)) of California. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance matching of street addresses. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geo-coded locations is +/- 300 feet.

Maps in the FSTC report show the locations of all sites identified relative to the location of the Property. The Property is indicated as TP (Target Property) on the database.

#### **Federal**

#### **List Type**

#### **Approximate Search Distance in Miles**

NPL	1.0
CERCLIS	0.5
NFRAP	0.12
RCRA COR	1.0
RCRA TSD	0.5
RCRA GEN	0.25
RCRA NLR	0.12
ERNS	0.12

**State**

<b><u>List Type</u></b>	<b><u>Approximate Search Distance in Miles</u></b>
State Sites	1.0
Spills-1990	0.12
SWL	0.5
Leaking UST	0.5
REG UST/AST	0.25
Permits	0.25
Other	0.25

**3.2 Findings From Database Review**

The Property and adjacent sites were not identified on the databases searched for this assessment.

A summary of the findings from the FSTC environmental database search is provided on the following pages. The summary is presented in the order of the database listing on **Page #1** of the FSTC report.

The locations of the other identified sites, relative to the Property, are shown on the **1 Mile Radius, .5 Mile Radius and .25 Mile Radius** maps in the FSTC Report in **Appendix D**.

***Federal Lists***

**Federal NPL** The National Priorities (Superfund) List is the federal EPA database of uncontrolled or abandoned hazardous waste sites identified, or proposed, for priority remedial actions under the Superfund Program.

**No** NPL or proposed NPL sites were identified within 1 mile of the Property.

**CERCLIS Listing**

The EPA maintains a database of potentially hazardous waste sites that have been reported to the US EPA by states, municipalities, private companies and private persons. CERCLIS contains sites, which are either proposed, or on the NPL list and sites which are in the screening and assessment phase for possible inclusion on the NPL.

**No** CERCLIS sites were identified within ½ mile of the Property.

**NFRAP Listing**



This list is a compilation of sites, which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances. Sites in the NFRAP database may be locations where, following initial investigations, contamination was removed or determined to be not serious enough to require Superfund consideration.

**No** sites were identified within 1/4 mile of the Property.

### **RCRA COR Listing**

The EPA maintains this database of sites that have been subject to a Corrective Action order under the Resource Conservation and Recovery Act (RCRA).

**No** RCRA COR sites were identified within 1 mile of the Property.

### **RCRA TSD Facilities Listing**

The federal RCRA Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA TSD database is a compilation of reporting facilities that transport, treat, store and dispose of hazardous waste.

**No** RCRA TSD sites were identified within 1/2 mile of the Property.

### **RCRA Generators Listing**

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste. The database is separated into large generators (RCRIS-LG) and small generators (RCRIS-SG).

**Two** RCRA GEN generator sites were identified on this list within a 1/4-mile radius of the Property. The nearest site, Walgreens, at 5055 Telegraph Avenue is located approximately 500 feet southeast from the Property in a down-gradient direction. None of identified sites are located in close proximity and in an up-gradient direction from the Property. Based on the directions and distances, these sites are not considered likely to pose a threat to subsurface environmental conditions beneath the Property.

### **RCRA NLR listing**

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators includes NLR (No Longer Listed) sites, which generate less than 100Kg of hazardous waste per month and do not meet other RCRA requirements.

**One** RCRA NLR generator sites were identified on this list within a 1/4-mile radius of the Property. This site, Chevron Station No. 90388 at 5500 Telegraph Avenue is located approximately 600 feet northeast from the Property. This site is not located directly up-gradient from the Property. Based on the distance, direction and "no longer regulated" status, this site is not considered likely to pose a threat to subsurface environmental conditions beneath the Property.

### **Emergency Response Notification System (ERNS)**

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil or hazardous substances.

**One** ERNS spills site was identified on this list within a 1/4-mile radius of the Property. The listed site, ARCO at 5131 Shattuck Avenue is located approximately 600 feet southwest from the Property, in a down-gradient direction. Based on the distance and direction, this site is not considered likely to pose a threat to subsurface environmental conditions beneath the Property.

### **State Lists**

#### **State Sites, California CERCLIS-Equivalent SCL Listing**

The California Environmental Protection Agency, Department of Toxic Substances Control (CalEPA DTSC), maintains an inventory of facilities that are subject to investigations concerning likely or threatened releases of hazardous substances. Sites that were formerly listed in Abandoned Sites Project Information System (ASPIS), and Bond Expenditure Plan (BEP) Cal-Sites and CORTESE sites are now included in the **State Sites** database report. Approximately 1% of these sites are known to be contaminated at the current time. Remedial cleanup work has been completed at the majority of these sites, which are identified as requiring no further action. Currently, only about 300 of these cases are identified as active hazardous substance release sites.

**One** State Site was identified within 1 mile of the Property. This site, Lucky's Auto Body at 3860 Martin Luther King, is located  $\frac{3}{4}$  mile from the Property, in a down-gradient direction. Based on the distance and direction, this site is not considered likely to pose a threat to subsurface environmental conditions beneath the Property.

#### **Spills-1990, California Hazardous Materials Incident Report System**

The California Office of Emergency Services listing contains information on reported hazardous materials incidents (accidental releases or spills).

**No** Spills-1990 sites were identified within 1/8 mile of the Property

#### **SWL, Solid Waste Information System and Waste Management Unit Database**

The Integrated Waste Management Board and the State Water Resource Control Board maintain databases of active, closed and inactive landfills, waste management information, SWAT Program information, Chapter 15 Information, TPCA and RCRA Program information.

**No** SWL sites were identified within 1/2 mile of the Property.

#### **Leaking UST Listing**

The California EPA and Regional Water Quality Control Board (RWQCB) generate and maintain lists of reported leaking underground storage tank (LUST) sites. Fuel leak sites rarely affect an area more than 1/8 mile from its source except under unusual conditions. Most contamination from these sites is confined to areas within 500-700 feet of the leak source.

**Eighteen (18)** LUST sites were identified within 1/2 mile of the Property. Of these, only five were listed within approximately  $\frac{1}{4}$  mile. The nearest listing, Autopro at 5200 Telegraph Avenue was listed as an active leak case. This site is located approximately 60 feet east from the Property

in a cross-gradient direction. Based on the proximity, files were reviewed at the Alameda County Department of Environmental Health. The results of the file review are discussed in **Section 3.3**.

The next nearest listing, Telegraph Business Partners at 5427 Telegraph Avenue is located was discussed under RCRA GEN sites. This site is listed as an active leak case, approximately 400 feet northeast from the Property in a cross-gradient direction. Based on the distance and direction, this site is not considered likely to pose a threat to subsurface environmental conditions beneath the Property.

None of the other identified sites was located in close proximity and in a direction up-gradient from the Property. None of the other identified sites are considered likely to pose a threat to subsurface environmental conditions beneath the Property.

**REG UST/AST, Regulated Underground Storage Tank and Above Ground Storage Tanks**  
The State Water Resource Control Board maintains a list of active UST/AST Facilities.

**Nine** REG UST/AST sites were listed on this database within 1/4 mile of the Property. The nearest site, Autopro at 5200 telegraph Avenue is located east across Telegraph Avenue from the Property. Files reviewed for this site are discussed in **Section 3.3**. The second site, Chevron Station 93864, located approximately 450 feet southeast from the Property is in a down-gradient direction. Based on the distance and direction, this site is not considered likely to pose a threat to subsurface environmental conditions beneath the Property.

**Permits**, City or County permits database maintained for hazardous materials storage, usage and disposal permits within their jurisdiction.

**No** Permits sites were listed in this database within 1/8 mile of the Property.

**OTHER**, sites not falling into other categories in this database.

**No** Other sites were listed in this database within 1/8 mile of the Property.

**3.3 Off-site Sources and Agency File Reviews**

Based on the proximity, files for a site across Telegraph Avenue identified as both Autopro and as Coliseum Way Properties, 5200 Telegraph Avenue, listed as an open leaking underground storage tank case, were reviewed at the Oakland Fire Department and the Alameda County Health Care Services Agency.

*Oakland Fire Department*

ERAS reviewed files for 5200 Telegraph Avenue at the Oakland Fire Department on February 20, 2007. Inspection reports were reviewed for Auto Pro for the years 1986, 1990, 1994, 1997 and 2000. No violations were noted in these inspection records. A Hazardous Materials Business Plan (HMBP) was filed in 1997, which listed waste oil and antifreeze stored on the site.

In 1990, a notice was filed to submit an underground storage tank closure plan. No UST removal report was found in these files.

Alameda County Department of Environmental Health

On March 1, 2007, ERAS reviewed Alameda County Department of Environmental Health files for the Autopro site at 5200 Telegraph Avenue. ERAS reviewed the most recent available groundwater monitoring report for the site. This report (Mactec, 2005) indicates that petroleum hydrocarbons are found in groundwater in a plume which extends to the south southwest, beneath Telegraph Avenue. A boring located between the Property and the leak site, identified on the site maps as AP-1 was drilled in 1996.

This boring (AP-1) was located in the street a short distance east of the Property. Two soil samples from this boring did not contain detectable concentrations of petroleum hydrocarbons. Groundwater sampled from this boring contained total petroleum hydrocarbons as gasoline of 1,400 micrograms per liter (ug/L) which is above the ESL. Total petroleum hydrocarbons as diesel was detected at a concentration of 140 ug/l, below the applicable ESL. The groundwater did not contain detectable concentrations of total petroleum hydrocarbons as motor oil, benzene or MTBE. The contours of the groundwater contamination concentrations indicate that the source area was cross-gradient from the Property and the concentrated portion of the plume is located southeast, away from the Property. Utility trenches, oriented north-south in Telegraph Avenue may be intercepting contaminated groundwater.

The depth to water is between 8 to 12 feet below the ground surface (bgs). The groundwater flow direction is indicated to be to the southwest. Based on the groundwater flow direction, this site is not located directly up-gradient from the Property. Due to the proximity of the leak source at 5200 telegraph Avenue and the presence of utility trenches and laterals under Telegraph Avenue, which may alter the local groundwater flow direction, contamination in groundwater may be present beneath the eastern side of the Property.

Pertinent sections of the most recent groundwater monitoring results for the adjacent leak site at 5200 Telegraph Avenue are included in **Appendix F**.

## 4.0 HISTORICAL USE INFORMATION

Available historical data were researched to obtain information regarding the past uses of the Property and adjacent sites, especially as the information may pertain to environmental conditions or concerns.

### 4.1 Historical Map and Photograph Review

The United States Geological Survey Oakland West, California 7.5 Minute Series Topographic Maps, 1959 (Photorevised 1980), shows the site elevation at approximately 120 feet.

#### *Historical USGS Topographic maps*

The United States Geological Survey Oakland West, California, 7.5 Minute Series, and San Francisco 15 Minute Series Topographic Maps dated in 1915, 1942, 1946, 1949, 1959, 1968, 1973, 1980 and 1993 were reviewed. On the map dated 1915, the Property appeared to contain a residential size building set well back from Telegraph Avenue. All other topographic maps reviewed indicated that the area of the Property was of urban land use.

#### *Historical Sanborn Fire Insurance Maps*

ERAS reviewed Sanborn Fire Insurance maps which included the Property at the University of California Berkeley, Earth Sciences library. Maps dated in 1902, 1911, 1952 and 1968 were reviewed. In 1902, the area of the Property appeared to be vacant and undeveloped. In 1911, a dwelling occupied the western portion of the Property, set back from the street. In 1952 and 1968, the building on the Property was indicated to be a dwelling and a restaurant. This building was set close to Telegraph Avenue and appears to represent the front half of the current building.

#### *Historical Aerial Photographs*

ERAS reviewed historical aerial photographs, which included the Property available on line at <http://www.terraserverusa.com> and at [http://www.alexandria.ucsb.edu/sdc/holdings/ap\\_indexes](http://www.alexandria.ucsb.edu/sdc/holdings/ap_indexes). Photographs dated in 1993 and 2004 were reviewed. The 1993 and 2004 photographs indicate that the current building occupied the Property.

### 4.2 Interview

ERAS reviewed an Environmental Site Assessment Questionnaire completed by the owner, Mr. Raymond Moreno. Mr. Moreno indicated that he had owned the Property since 2002 and that the Property had been used for a restaurant until 2006.

Mr. Moreno, stated he is not aware of: 1) the existence of environmental liens on the Property; 2) any notifications by government of violations of current or historic environmental laws; 3) any existing or historic violations by occupants of environmental laws, or 4) the current or historic presence of underground or aboveground storage tanks on the Property.

Mr. Moreno's responses were compiled on ERAS Environmental Questionnaire along with observations made by ERAS at the time of the site visit. These were included on the ASTM Site Reconnaissance and Interview form included as **Appendix D**.

### **4.3 Building and Fire Department File Review**

#### *City of Oakland Building Department*

ERAS reviewed building department records for the Property on February 27, 2007. The earliest record, dated 1928 was a building permit for a wood building which included final inspection notes.

In 1976, a plumbing and mechanical permit and a sign permit were obtained for a restaurant. In 1979, a re-roof permit was obtained.

In 1980, multiple permits were obtained for work to repair fire damage to a restaurant and for the installation of heaters, steamers and fryers for "Soul Brothers" restaurant. In 1990, a mechanical permit was obtained by Roebbers, Inc. In 1992, a service change was recorded. In 1996, an electrical permit was obtained for a restaurant modification. In 1996, permits were obtained to replace a storage room and repair the floor in a preparation room. In 1999, an electrical permit was obtained to repair an electrical panel.

In 2002, permits were obtained for kitchen and bath repairs for an Ethiopian Restaurant. In 2003, plumbing permits were obtained for a toilet and sink.

#### *City of Oakland Fire Department*

ERAS requested a review of Fire Department records for the Property. No files were found for the Property.

### **4.4 Synopsis of Previous Environmental Investigations**

There was no evidence discovered during this assessment, which indicates that any previous environmental investigations had been made on the Property.

### **4.5 Environmental Liens**

There was no indication that the property was the site of any subsurface investigations or remedial activities related to any release of hazardous materials on the Property, therefore a search for environmental liens for the Property was not considered likely to add additional information for this assessment.

## **5.0 RECONNAISSANCE**

### **5.1 Visual Reconnaissance of the Property**

ERAS conducted a visual reconnaissance of the Property on February 15, 2007 to identify potential indications of environmental concern. The items listed in this section, if any, are representative of those which could pose recognized environmental conditions as indicated in the ASTM standard for conducting environmental site assessments.

#### **Drums, Containers, and Storage Tanks**

The on-site reconnaissance addressed containers, drums, above ground storage tanks, and other storage units containing materials, which may pose an environmental threat at the Property. No such items were noted.

#### **Evidence of Waste Disposal**

The on-site reconnaissance addressed dumps, pits, ponds, landfills, borrow pits and lagoons, which may have been used for disposal purposes at the Property. No such items were noted.

#### **Surface Fill**

The improvements appeared to have been developed on the Property without fill.

#### **Surface Staining and Stressed Vegetation**

Stressed vegetation or evidence of chemical spillage was not observed in the exterior areas of the Property during the on-site reconnaissance.

#### **Transformers**

No electrical transformers were noted on the Property. No indication of PCB's or leaks were observed.

#### **Air Stacks, Vents, and Odors**

The on-site reconnaissance addressed air stacks, vents, and strong, pungent or noxious odors at the Property. None of these items or unusual noxious odors were observed on or near the Property.

#### **Evidence of Underground or Aboveground Storage Tanks**

No evidence of AST's or UST's were observed on the Property.

#### **Conduits to Groundwater**

Groundwater production wells or dry wells were not discovered on the Property. Storm drains were located in the adjacent streets. No indications of leaks or spills of regulated substances were noted in the vicinity of these drains.

#### **Evidence of Improper Waste Discharge**

Pipes and/or vents were not found at the Property. There was no observation made indicating improper discharge of wastes.

## **On-Site Environmental Management Practices**

The on-site reconnaissance addressed the following environmental management practices.

### **Solid Waste**

The Property contained a trash can for disposal of solid waste. No waste materials were noted outside the dumpster.

### **Hazardous Materials and Waste**

Chemicals used and stored on the Property included a five gallon capacity plastic container of concentrated dishwashing detergent. This material appeared to be properly stored.

### **Treatment Facilities**

The Property contains a grease trap for the dishwashing system. There was no indication of spillage or dumping of chemical substance observed near the grease trap.

### **Application of Pesticides, Herbicides or Fertilizers**

No evidence of the application of pesticides, herbicides, or fertilizers was indicated during the on-site reconnaissance.

### **General Environmental Practices**

No indications of adverse environmental practices were observed on the Property during the on-site reconnaissance.

## **5.2 Adjacent and Nearby Site Uses**

The following observations were made of parcels adjacent to the Property:

<b>North</b>	5301-5359 Telegraph Avenue, Keller Plaza, apartment complex
<b>South</b>	5205 Telegraph Avenue, Oakland Public Library, Temescal Branch
<b>East</b>	Telegraph Avenue and 5200 Telegraph Avenue, Autopro
<b>West</b>	517 53 <sup>rd</sup> Street, a residence



## **6.0 CONCLUSIONS AND RECOMMENDATIONS**

### **6.1 Conclusions**

ERAS has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 for the Property. Any exceptions to, or deletions from this Practice are described in the report.

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 this part.

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.

Data failures occurred for the time periods 1902 to 1911, 1915 to 1928, 1952 to 1959, 1959 to 1966, 1968 to 1973, 1980 to 1986 and 1993 to 1999. During the 1902 to 1911 period the Property was indicated to be vacant and undeveloped and during the 1915 to 1928 period, used for a dwelling, typically non-hazardous land uses. During the 1952 to 1959, 1959 to 1966, 1968 to 1973 periods of time the Property was indicated to be used for a residence and small restaurant. During the 1980 to 1986 and 1993 to 1999 periods, the building on the Property was used for a restaurant. Based on the consistent and non-hazardous uses of the Property during these periods of time, the lack of specific historical detail is not considered likely to negatively affect the conclusions of this assessment.

An ERAS representative visited the Property on February 15, 2007. The Property is a roughly rectangular shaped parcel which contains a single story wood frame building.

The Property contains a vacant, former "Abassinia" restaurant building, a concrete and asphalt paved driveway and patio area and a fenced, weed and grass covered back yard. Several scattered logs, a plastic trash bin and miscellaneous bits of trash were in the back yard area. No indication of leakage, spillage or dumping of hazardous materials was noted on the exterior portions of the Property. A narrow patio area at the front of the building has a concrete patio with the bases of several tables set in the concrete, and landscaping.

The front portion of the building appeared older than the rear half based on the wood siding and interior finish. Both portions were constructed of wood frame with wood siding on a concrete foundation with a wooden floor a few inches above gravel. A metal water heater enclosure was located at the north side of the building between the outside wall and the fence. A vent for the subfloor area was located at the south side of the building.

The inside of the building included an open seating area, a service counter with a kitchen behind the counter, two restrooms, three storage rooms and a dishwashing room. The interior was finished with carpet, concrete or ceramic tile floors, wood panel and sheetrock walls, sheetrock ceilings. Access holes had been opened in a wall, ceiling and floor for inspection purposes. Gravel fill was visible at a few inches below the flooring in the front portion of the building. Portions of the

cooking and dishwashing equipment remained in the building along with plastic trash cans, miscellaneous items. A metal plate in the floor of the dishwashing area appeared to be for a grease trap.

Chemicals used and stored on the Property included only one five gallon capacity plastic container of concentrated dishwashing detergent. No indication of leaks or spills was noted in these areas.

Septic systems, drywells, monitoring wells or evidence of subsurface investigations was not observed on the Property by ERAS. No evidence of above ground (AST) or underground storage tanks (UST) was observed on the Property by ERAS. An aboveground propane tank was located in the rear yard area. No evidence of leakage, spillage or dumping of regulated material, other than what was noted above, was observed on the Property by ERAS.

Historical information indicates that the Property was first developed between 1902 and 1911 for a dwelling. In 1928, a different structure was developed on the Property for a dwelling. From as early as 1952 and through at least 1966, the building was indicated to be used for both a residence and restaurant. From at least 1976 through 2006, the Property was used for a restaurant.

There was no indication, in the historical records, that quantities of petroleum were stored or used on the Property. There was no indication that the property was the site of subsurface investigations or remedial activities related to any release of hazardous materials on the Property, therefore a search for environmental liens for the Property was not considered likely to add additional information for this assessment.

The Property was not listed on environmental database search. A site across Telegraph Avenue, Autopro at 5200 Telegraph Avenue is an active LUST case. Although this site is located in a cross-gradient direction from the Property, a previous subsurface investigation determined that groundwater from a location a short distance east of the Property (in Telegraph Avenue) is impacted by petroleum hydrocarbons at concentrations above the ESLs. This contamination may be found in a cross-gradient location due to the influence of underground utility trenches and laterals beneath Telegraph Avenue. Based on the information ERAS reviewed for this site at the ACCHSA, there is a risk that groundwater beneath the eastern side of the Property may be impacted by petroleum hydrocarbons.

Based on distance, locations or current site status, only the Autopro site at 5200 Telegraph Avenue is considered likely to pose a threat to the current environmental status of the Property or subsurface soil and groundwater beneath it.

## **6.2 Recommendations**

Evidence was discovered during this assessment to indicate that activities currently or historically conducted near the Property have contributed fuel or solvent contamination to soil or groundwater in the surrounding area. The Property history of uses, a dwelling and restaurant, did not indicate petroleum usage or storage on the Property.

The Property is therefore not considered to be a likely source of petroleum contamination identified in groundwater beneath Telegraph Avenue a short distance east of the Property. This identified

contamination is considered to be from the AutoPro site across Telegraph Avenue and may extend beneath the eastern portion of the Property. If information is required regarding the presence and risk of petroleum contamination on the Property, ERAS recommends that a groundwater and soil vapor survey be conducted. The results of this investigation will help to determine whether the contamination extends beneath the Property and whether it poses a risk to the occupants of the Property at 5239 Telegraph Avenue in Oakland, California.

## **7.0 REFERENCES AND APPENDICES**

### **Maps, Aerial Photographs, and Other Geographic References**

The United States Geological Survey Oakland West, California, 7.5 Minute Series 1968 photo-revised 1980.

Oakland West 7.5 minute Topographic Maps and San Francisco 15 Minute Series Topographic Maps dated 1915, 1942, 1946, 1949, 1959, 1968, 1973, 1980 and 1993.

Aerial Photographs: available for review online at <http://terraserver-usa.com>

1993 TerraServer USGS Orthophoto

2004 TerraServer USGS Orthophoto

### **Published References**

California Department of Water Resources, Evaluation of Ground Water Resources South Bay, Appendix A: Geology, Bulletin 118-1, August 1967.

California Regional Water Quality Control Board, Water Quality Control Plan, San Francisco Bay Basin Region (2), January 1986.

Environmental FirstSearch Report, 5239 Telegraph Avenue, CA Job Number 07038, dated February 15, 2007.

Gettler-Ryan, Inc., Former Chevron Service Station #9-3864, 5101 Telegraph Avenue, Oakland California, Groundwater Monitoring and Sampling Report, First Semi-Annual Event, March 11, 2005, dated April 11, 2005.

Goldman, Harold B., Geology of San Francisco Bay prepared for San Francisco Bay Conservation and Development Commission, February 1967

Helley, E.J., La Joie, K.R., Spangle, W.E., and Blair, M.L., Flatland Deposits of the San Francisco Bay Region, California - their geology and engineering properties and their importance to comprehensive planning, U.S. Geological Survey Professional Paper 943, 1974.

MACTEC, Quarterly Monitoring-Fourth Quarter Autopro site, 5200 telegraph Avenue, Oakland, California, February, 2005

### **Records Review, Interviews and Agency Contacts**

City of Oakland Building Department file review, February 27, 2007.

City of Oakland Fire Department file review, February 20, 2007.

Alameda County Health Care Services file review, March 1, 2007

**APPENDIX A**

**ENVIRONMENTAL PROFESSIONALS RESUME AND CERTIFICATION**

## David Siegel

David Siegel is president of ERAS Environmental, Inc., an environmental consulting company formed in October 1998. Prior to that, Mr. Siegel was operator of Siegel Environmental Consulting Services, formed in February 1994, a full service environmental consulting company providing due diligence services, geological and hydrogeological research, Phase 2 field services such as groundwater well installation and sampling, waste disposal, project management and remediation planning and permitting. Before involvement with operations management of these environmental consulting firms, Mr. Siegel was a Project Hydrogeologist, Project Geologist, and Staff Geologist with three San Francisco Bay Area environmental consulting companies. Mr. Siegel holds a masters degree in geology from California State University in Hayward and has been licensed as a California Registered Environmental Assessor (REA) since 1990, an Class II REA since 2001 and as a California Certified Asbestos Consultant since 1995.

### QUALIFICATIONS

Experience in hazardous materials consulting including due diligence projects, soil and groundwater investigations and remediation, and asbestos surveying since 1987. Strong organizational background in project management including budget development and management and client contact and service.

Strong technical background in groundwater well design and installation, soil and groundwater chemical data evaluation and hydrogeological assessment. Inspection experience of hundreds of commercial sites including retail, office, industrial, and residential. Since 1998 experience providing management, business development, technical oversight and client and regulatory contact for self-owned and operated environmental consulting companies.

### WORK HISTORY

**1994-Present: *President of ERAS Environmental, Inc. and Principal of Siegel Environmental***  
Management and completion of due diligence projects for a wide variety of commercial properties throughout California. Management and completion of Phase 2 soil and groundwater and asbestos sampling projects at former and operating gasoline stations and industrial facilities. Responsible for project initiation, planning, report preparation and technical oversight. Responsible for business development, client contact and local and state regulatory agency compliance for ongoing investigation, cost recovery and case closures.

**1987-1994: *Project Hydrogeologist (McCulley, Frick & Gilman, San Francisco; 1992-1994), Project Manager (Converse Environmental, San Francisco; 1989-1992), Project Manager (Exceltech, Inc., Fremont; 1987-1989)***

Management and completion of environmental and geotechnical investigations involving soil and groundwater contamination. Responsible for project planning, budgeting and operation, professional staff supervision and report completion. Interface with engineers for site remediation planning.

### EDUCATION AND LICENCES

- 1995 - Present California Certified Asbestos Inspector
- 1992 Lead Based Paint Building Inspector Certification
- 1990 - Present California Registered Environmental Assessor Class II
- 1990 Groundwater Modeling for Remedial Actions
- 1988 M.S. Geological Sciences, California State University, Hayward



**State of California  
California Environmental Protection Agency  
Office of Environmental Health Hazard Assessment**



**David Siegel**

has fulfilled the requirements for registration as a  
**Registered Environmental Assessor II (REA II)**

Date Registered: **November 14, 2001**

Registration Number: **REA II - 20200**

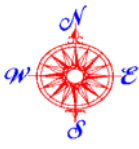
*Joan E. Denton, Ph.D.*

Joan E. Denton, Ph.D.  
Director

Office of Environmental Health Hazard Assessment

**APPENDIX B**  
**LOCATION AND SITE MAPS**



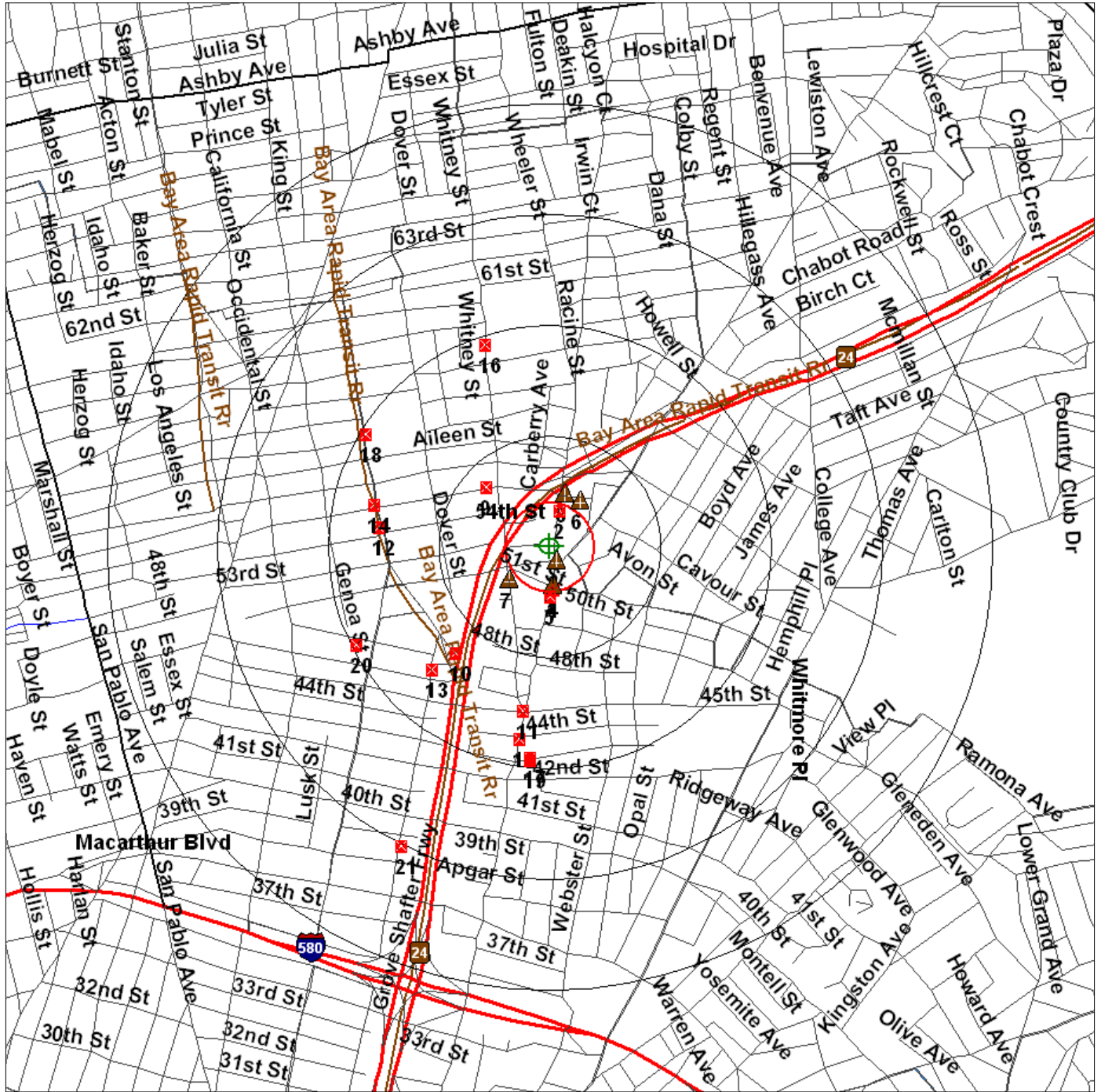


# Environmental FirstSearch

1 Mile Radius  
Single Map:

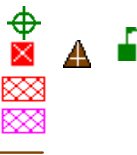


**5239 TELEGRAPH AVE, OAKLAND CA 94609**



Source: U.S. Census TIGER Files

- Target Site (Latitude: 37.838762 Longitude: -122.26306) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
- Triballand.....
- Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



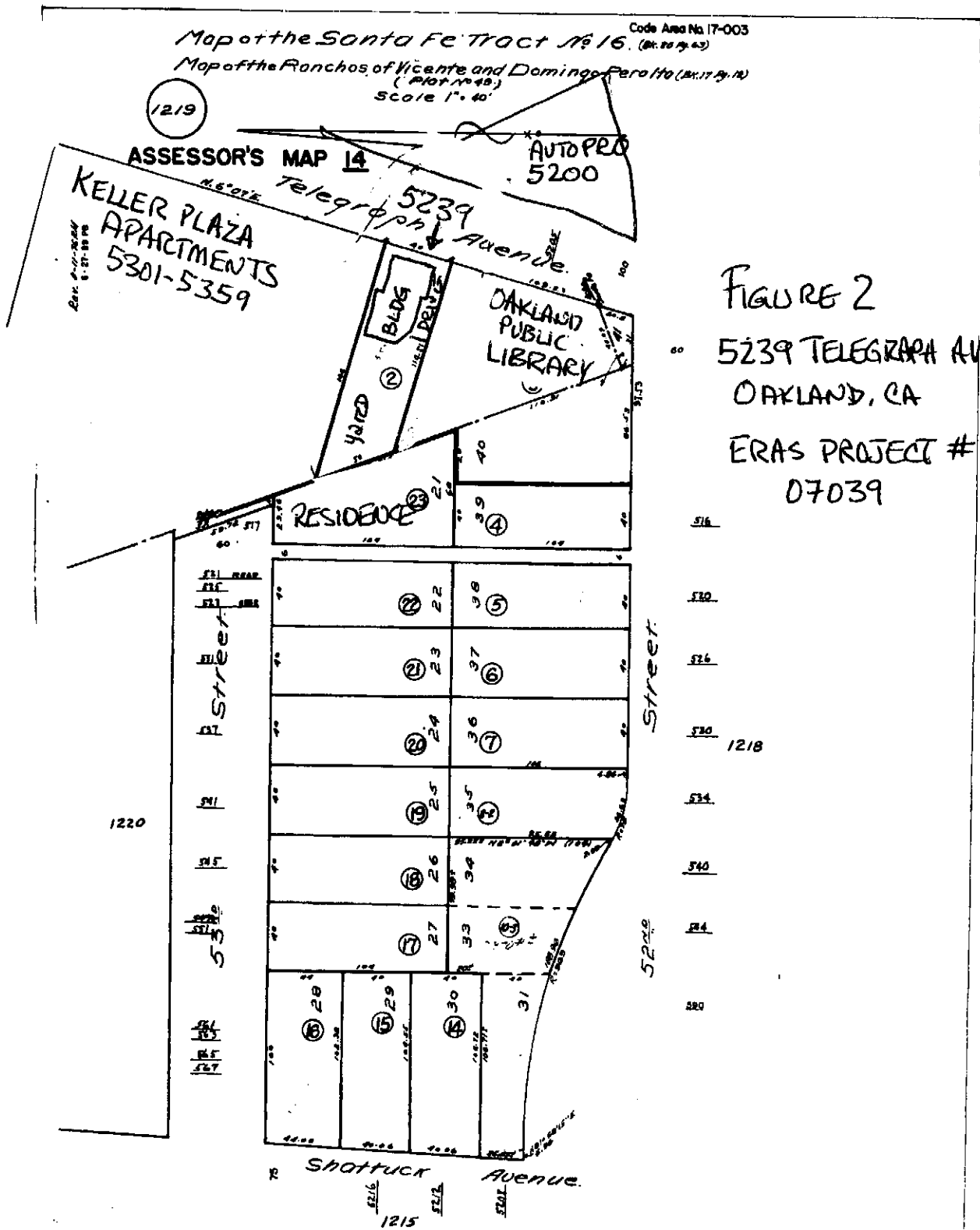
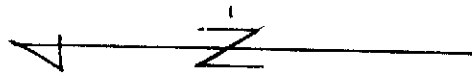


FIGURE 2

5239 TELEGRAPH AVE  
OAKLAND, CA

ERAS PROJECT #  
07039

**APPENDIX C**  
**PROPERTY PHOTOGRAPHS**



Photograph 1 - View front of the building from the south



Photograph 2 - View of the south side of the building and driveway





Photograph 3 - View to the east of the rear of the building and yard



Photograph 4 - View of the dishwashing area with detergent container

**APPENDIX D**

**FSTC ENVIRONMENTAL FIRSTSEARCH REPORT**

*TRACK ► INFO SERVICES, LLC*

# **Environmental FirstSearch™ Report**

**TARGET PROPERTY:**

**5239 TELEGRAPH AVE**

**OAKLAND CA 94609**

Job Number: 07038

**PREPARED FOR:**

ERAS Environmental, Inc.

1533 B Street

Hayward, CA 94541

02-15-07



*Tel: (866) 664-9981*

*Fax: (818) 249-4227*

# *Environmental FirstSearch* *Search Summary Report*

**Target Site:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

## FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	12-08-06	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	12-08-06	0.50	0	0	0	0	-	0	0
CERCLIS	Y	12-08-06	0.50	0	0	0	0	-	0	0
NFRAP	Y	12-08-06	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	06-06-06	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	06-06-06	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	06-06-06	0.25	0	2	0	-	-	0	2
RCRA NLR	Y	06-06-06	0.12	0	1	-	-	-	0	1
Federal IC / EC	Y	11-14-06	0.25	0	0	0	-	-	0	0
ERNS	Y	12-31-06	0.12	0	1	-	-	-	2	3
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	08-15-06	1.00	0	0	0	0	1	0	1
State Spills 90	Y	01-03-07	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	01-10-07	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	01-08-07	0.50	0	5	2	11	-	1	19
State/Tribal UST/AST	Y	01-03-07	0.25	0	6	3	-	-	0	9
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	03-27-06	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	08-15-06	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	03-27-06	0.50	0	0	0	0	-	0	0
State Permits	Y	09-26-06	0.25	0	0	0	-	-	0	0
State Other	Y	08-15-06	0.25	0	0	0	-	-	0	0
- TOTALS -				0	15	5	11	1	3	35

### Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

### Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.



**Environmental FirstSearch  
Site Information Report**

**Request Date:** 02-15-07  
**Requestor Name:** Skip McIntosh  
**Standard:** ASTM-05

**Search Type:** COORD  
**Job Number:** 07038

**Filtered Report**

**TARGET ADDRESS:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

*Demographics*

<b>Sites:</b> 35	<b>Non-Geocoded:</b> 3	<b>Population:</b> NA
<b>Radon:</b> NA		

*Site Location*

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
<b>Longitude:</b>	-122.26306	-122:15:47	<b>Easting:</b> 564844.829
<b>Latitude:</b>	37.838762	37:50:20	<b>Northing:</b> 4187976.111
			<b>Zone:</b> 10

*Comment*

<b>Comment:</b>
-----------------

*Additional Requests/Services*

<b>Adjacent ZIP Codes:</b> 1 Mile(s)	<b>Services:</b>
--------------------------------------	------------------

<u>ZIP Code</u>	<u>City Name</u>	<u>ST</u>	<u>Dist/Dir</u>	<u>Sel</u>	<u>Requested?</u>	<u>Date</u>
94608	EMERYVILLE	CA	0.34 SW	Y	Sanborns	No
94611	OAKLAND	CA	0.65 SE	Y	Aerial Photographs	No
94618	OAKLAND	CA	0.08 SE	Y	Historical Topos	No
94703	BERKELEY	CA	0.61 NW	Y	City Directories	No
94705	BERKELEY	CA	0.94 NW	Y	Title Search/Env Liens	No
					Municipal Reports	No
					Online Topos	Yes 02-15-07

## Environmental FirstSearch Sites Summary Report

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

**TOTAL:** 35      **GEOCODED:** 32      **NON GEOCODED:** 3      **SELECTED:** 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	LUST	AUTOPRO T0600100131/POLLUTION CHARACTERI	5200 TELEGRAPH OAKLAND CA 94609	0.04 SE	1
2	UST	AUTOPRO NO 2 INC TISID-STATE579/INACTIVE	5200 TELEGRAPH OAKLAND CA 94609	0.04 SE	1
3	LUST	TELEGRAPH BUSINESS PROPERTIES T0600100672/POLLUTION CHARACTERI	5427 TELEGRAPH OAKLAND CA 94609	0.08 NE	2
4	LUST	CHEVRON #9-3864 T0600100343/POLLUTION CHARACTERI	5101 TELEGRAPH OAKLAND CA 94609	0.09 SE	3
5	UST	CHEVRON STN. #93864 OAKLAND1126	5101 TELEGRAPH AVE. OAKLAND CA 94609	0.09 SE	3
5	UST	CHEVRON 93864 TISID-STATE12103/ACTIVE	5101 TELEGRAPH OAKLAND CA	0.09 SE	3
6	UST	CHEVRON SS #93864 OAKLAND998	5101 TELEGRAPH AVE. OAKLAND CA 94609	0.09 SE	3
7	LUST	BERKELEY LAND COMPANY T0600102252/CASE CLOSED	5100 TELEGRAPH OAKLAND CA 94609	0.10 SE	4
8	RCRAGN	WALGREENS 1625 CAR000016311/SGN	5055 TELEGRAPH OAKLAND CA 94609	0.11 SE	5
9	RCRAGN	CHEVRON STATION NO 90338 CAR000123471/SGN	5500 TELEGRAPH AVE OAKLAND CA 94609	0.12 NE	6
10	RCRANLR	CHEVRON STATION NO 90338 CAR000123471/NLR	5500 TELEGRAPH AVE OAKLAND CA 94609	0.12 NE	6
11	ERNS	ARCO 322250/UNKNOWN (EPA REGIONS	5131 SHATTUCK AVE OAKLAND CA 94609	0.12 SW	7
12	LUST	ARCO #6148 T0600100103/POLLUTION CHARACTERI	5131 SHATTUCK OAKLAND CA 94609	0.12 SW	7
13	UST	ARCO STATION #06148 OAKLAND762	5131 SHATTUCK AVE OAKLAND CA 94609	0.12 SW	7
14	UST	ARCO FAC #6148 TISID-STATE11846/ACTIVE	5131 SHATTUCK OAKLAND CA 94609	0.12 SW	7
15	LUST	CHEVRON #9-0338 T0600100347/CASE CLOSED	5500 TELEGRAPH OAKLAND CA 94609	0.13 NE	8
16	LUST	CHEVRON #9-0338 T06019733615/POLLUTION CHARACTERI	5500 TELEGRAPH Oakland CA 94609	0.13 NE	8
17	UST	CHEVRON SERVICE STATION TISID-STATE12095/ACTIVE	5500 TELEGRAPH OAKLAND CA 94609	0.13 NE	8
18	UST	CHEVRON STN. #90338 OAKLAND785	5500 TELEGRAPH AVE OAKLAND CA 94609	0.13 NE	8
19	UST	BOTTO BROS., AUTOMOTIVE SERV TISID-STATE654/INACTIVE	598 55TH OAKLAND CA 94609	0.20 NW	9
20	LUST	CHILDREN S HOSPITAL OAKLAND T0600101595/POLLUTION CHARACTERI	4701 MARTIN LUTHER KING JR OAKLAND CA 94609	0.32 SW	10

## *Environmental FirstSearch Sites Summary Report*

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

**TOTAL:** 35                    **GEOCODED:** 32                    **NON GEOCODED:** 3                    **SELECTED:** 0

<b>Page No.</b>	<b>DB Type</b>	<b>Site Name/ID/Status</b>	<b>Address</b>	<b>Dist/Dir</b>	<b>Map ID</b>
21	LUST	SHATTUCK AVE PROPERTY T06001977882/CASE CLOSED	4501 SHATTUCK OAKLAND CA 94609	0.38 SW	11
22	LUST	BP #11127 T0600100206/POLLUTION CHARACTERI	5425 MARTIN LUTHER KING JR OAKLAND CA 94609	0.39 NW	12
23	LUST	NIGHTINGALE PROPERTY T0600101297/CASE CLOSED	4629 MARTIN LUTHER KING JR OAKLAND CA 94609	0.39 SW	13
24	LUST	CHEVRON #9-1583 T0600100348/POLLUTION CHARACTERI	5509 MARTIN LUTHER KING JR OAKLAND CA 94609	0.41 NW	14
25	LUST	KELLY AUTO PARTS T0600100790/CASE CLOSED	4400 TELEGRAPH OAKLAND CA 94609	0.44 SW	15
26	LUST	LACLAIRE & DI FRANCESCO T0600101929/CASE CLOSED	5901 SHATTUCK OAKLAND CA 94609	0.48 NW	16
27	LUST	WALTER BLUMERT COMPANY T0600100822/CASE CLOSED	490 43RD OAKLAND CA 94609	0.48 SW	17
28	LUST	MARTIN LUTHER KING JR SCHOOL T0600101647/CASE CLOSED	5714 MARTIN LUTHER KING JR OAKLAND CA 94609	0.49 NW	18
29	LUST	SIMPSON, RONN T0600102120/CASE CLOSED	489 43RD OAKLAND CA 94609	0.49 SW	19
30	LUST	UNION PACIFIC RAILROAD COMPANY SL0600161821/LEAK BEING CONFIRMED	833 47TH AVENUE OAKLAND CA 94608	0.49 SW	20
31	STATE	LUCKY S AUTO BODY CAL01990026/PRELIMINARY ENDANGER	3860/3884 MARTIN LUTHER KIN OAKLAND CA 94609	0.75 SW	21

***Environmental FirstSearch  
Sites Summary Report***

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

**TOTAL:** 35      **GEOCODED:** 32      **NON GEOCODED:** 3      **SELECTED:** 0

<b>Page No.</b>	<b>DB Type</b>	<b>Site Name/ID/Status</b>	<b>Address</b>	<b>Dist/Dir</b>	<b>Map ID</b>
32	ERNS	LOT=ADJ TO 5410 TELEGRAPH 73321/UNKNOWN	LOT=ADJ TO 5410 TELEGRAPH OAKLAND CA	NON GC	
33	ERNS	UNKNOWN 362059/UNKNOWN (EPA REGIONS)	1201 52ND ST IN STREET OAKLAND CA 94609	NON GC	
34	LUST	EMERY VILLAGE CENTER T06019790661/POLLUTION CHARACTERI	0 45TH ST & PARK EMERYVILLE CA 94608	NON GC	

















***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

RCRA GENERATOR SITE

**SEARCH ID:** 2

**DIST/DIR:** 0.11 SE

**MAP ID:** 5

**NAME:** WALGREENS 1625  
**ADDRESS:** 5055 TELEGRAPH  
OAKLAND CA 94618  
ALAMEDA  
**CONTACT:** GREG KAUFMAN

**REV:** 6/6/06  
**ID1:** CAR000016311  
**ID2:**  
**STATUS:** SGN  
**PHONE:** 5105953440

**SITE INFORMATION**

**CONTACT INFORMATION:** GREG KAUFMAN  
5055 TELEGRAPH  
OAKLAND CA 94618

**PHONE:** 5105953440

**UNIVERSE INFORMATION:**

**NAIC INFORMATION**

**ENFORCEMENT INFORMATION:**

**VIOLATION INFORMATION:**





















































***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

EMERGENCY RESPONSE NOTIFICATION SITE

**SEARCH ID:** 33

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** LOT=ADJ TO 5410 TELEGRAPH  
**ADDRESS:** LOT=ADJ TO 5410 TELEGRAPH  
OAKLAND CA  
Alameda

**REV:**  
**ID1:** 73321  
**ID2:**  
**STATUS:** UNKNOWN  
**PHONE:**

**CONTACT:**

**CERCLIS (Y/N):**

**MAT:** CARBERATOR CLEANER      **QUANT:** 10      GALLONS

**LOCATION:** LOT=ADJ TO 5410 TELEGRAPH  
**CITY:** OKALAND CA      **REPORTED:** 07/23/88

**SOURCE:** UNKNOWN      **MEDIUM:** LAND  
ILLEGALLY DUMPED BY OWNER TO CONTROL WEEDS ILLEGALLY DUMPED BY OWNER TO CONTR

**CAUSE:** UNKNOWN  
OL WEEDS

**ACT:** FD+DOH FOR INVESTIGATION  
**BY:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

EMERGENCY RESPONSE NOTIFICATION SITE

**SEARCH ID:** 34

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** UNKNOWN  
**ADDRESS:** 1201 52ND ST IN STREET  
OAKLAND CA 94609  
Alameda

**REV:** 2/1/94  
**ID1:** 362059  
**ID2:**  
**STATUS:** UNKNOWN (EPA REGIONS)  
**PHONE:**

**CONTACT:**

**SPILL INFORMATION**

**DATE OF SPILL:** 2/1/1994      **TIME OF SPILL:** 1357

**PRODUCT RELEASED (1):** FLAMMABLE SUBSTANCE  
**QUANTITY (1):** 1  
**UNITS (1):** DRU

**PRODUCT RELEASED (2):**  
**QUANTITY (2):**  
**UNITS (2):**

**PRODUCT RELEASED (3):**  
**QUANTITY (3):**  
**UNITS (3):**

**MEDIUM/MEDIA AFFECTED**

**AIR:** NO      **GROUNDWATER:** NO  
**LAND:** NO      **FIXED FACILITY:** NO  
**WATER:** NO      **OTHER:** NO  
**WATERBODY AFFECTED BY RELEASE:**

**CAUSE OF RELEASE**

**DUMPING:** NO      **EQUIPMENT FAILURE:** NO  
**NATURAL PHENOMENON:** NO      **OPERATOR ERROR:** NO  
**OTHER CAUSE:** NO      **TRANSP. ACCIDENT:** NO  
**UNKNOWN:** NO

**ACTIONS TAKEN:**

**RELEASE DETECTION:** FOUND AT ABOVE LOCATION BY PD

**MISC. NOTES:** ONE CONTAINER IS CURRENTLY ON FIRE. 5-10 CONTAINER FELL FROM TRAIN

**DISCHARGER INFORMATION**

**DISCHARGER ID:** 362059  
**TYPE OF DISCHARGER:** UNKNOWN  
**NAME OF DISCHARGER:** UNKNOWN  
**ADDRESS:**

**DUN & BRADSTREET #:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

**LEAKING UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 35

**DIST/DIR:** NON GC

**MAP ID:**

**NAME:** EMERY VILLAGE CENTER

**REV:** 01/08/07

**ADDRESS:** 0 45TH ST & PARK  
EMERYVILLE CA 94608

**ID1:** T06019790661

ALAMEDA

**ID2:**

**STATUS:** POLLUTION CHARACTERIZATION

**CONTACT:**

**PHONE:**

**RELEASE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE**

Please note that some data previously provided by the State Water Resources Control Board in the LUSTIS database is not currently being provided by the agency in the most recent edition. Incidents that occurred after the year 2000 may not have much information. Field headers with blank information following after should be interpreted as unreported by the agency.

**LEAD AGENCY:** LOCAL AGENCY

**REGIONAL BOARD:** 02

**LOCAL CASE NUMBER:** RO0002615

**RESPONSIBLE PARTY:** IGNACIO DAYRIT

**ADDRESS OF RESPONSIBLE PARTY:** 1333 PARK AVE

**SITE OPERATOR:**

**WATER SYSTEM:**

**CASE NUMBER:**

**CASE TYPE:** OTHER

**SUBSTANCE LEAKED:** 71556,79016,

**SUBSTANCE QUANTITY:** 0

**LEAK CAUSE:** UNKNOWN

**LEAK SOURCE:** UNKNOWN

**HOW LEAK WAS DISCOVERED:** NO DESCRIPTION

**DATE DISCOVERED (blank if not reported):** 9999-09-09 00:00:00

**HOW LEAK WAS STOPPED:** OTHER MEANS

**STOP DATE (blank if not reported):** 9999-09-09 00:00:00

**STATUS:** POLLUTION CHARACTERIZATION

**ABATEMENT METHOD (please note that not all code translations have been provided by the reporting agency):**

**ENFORCEMENT TYPE (please note that not all code translations have been provided by the reporting agency):**

**DATE OF ENFORCEMENT (blank if not reported):**

**ENTER DATE (blank if not reported):**

**REVIEW DATE (blank if not reported):**

**DATE OF LEAK CONFIRMATION (blank if not reported):**

**DATE PRELIMINARY SITE ASSESSMENT PLAN WAS SUBMITTED (blank if not reported):**

**DATE PRELIMINARY SITE ASSESSMENT PLAN BEGAN (blank if not reported):**

**DATE POLLUTION CHARACTERIZATION PLAN BEGAN (blank if not reported):** 9999-09-09 00:00:00

**DATE REMEDIATION PLAN WAS SUBMITTED (blank if not reported):**

**DATE REMEDIAL ACTION UNDERWAY (blank if not reported):**

**DATE POST REMEDIAL ACTION MONITORING BEGAN (blank if not reported):**

**DATE CLOSURE LETTER ISSUED (SITE CLOSED) (blank if not reported):**

**REPORT DATE (blank if not reported):** 9999-09-09 00:00:00

**MTBE DATA FROM THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD LUSTIS DATABASE**

**MTBE DATE (Date of historical maximum MTBE concentration):**

**MTBE GROUNDWATER CONCENTRATION (parts per billion):**

**MTBE SOIL CONCENTRATION (parts per million):**

**MTBE CNTS:** 0

**MTBE FUEL:** 0

**MTBE TESTED:** NOT REQUIRED TO BE TESTED

**MTBE CLASS:** \*

## Environmental FirstSearch Database Descriptions

**NPL:** *EPA* NATIONAL PRIORITY LIST - Database of confirmed and proposed Superfund sites.

**NPL Delisted:** *EPA* NATIONAL PRIORITY LIST Subset - Database of delisted Superfund sites.

**CERCLIS:** *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM - Database of current and potential Superfund sites currently or previously under investigation.

**NFRAP:** *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). 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.

**RCRA COR ACT:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of RCRA facilities with reported violations and subject to corrective actions.

**RCRA TSD:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of facilities licensed to store, treat and dispose of hazardous waste materials.

**RCRA GEN:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

**RCRA NLR:** *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities not currently classified by the EPA but are still included in the RCRIS database. Reasons for non classification:

Failure to report in a timely matter.

No longer in business.

No longer in business at the listed address.

No longer generating hazardous waste materials in quantities which require reporting.

**Federal IC / EC:** *EPA* BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

**ERNS:** *EPA/NRC* EMERGENCY RESPONSE NOTIFICATION SYSTEM - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

**Tribal Lands:** *DOI/BIA* INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

**State/Tribal Sites:** *CA EPA* SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be

contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type (STATE).

Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).  
Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:

1. The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CAL SITES formerly known as ASPIS).
2. The California State Water Resources Control Board; listing of Leaking Underground Storage Tanks are included (LTANK)
3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).

Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

**State Spills 90:** *CA EPA* SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

**State/Tribal SWL:** *CA IWMB/SWRCB/COUNTY* SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..

Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.

Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

**State/Tribal LUST:** *CA SWRCB/COUNTY* LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.

SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed in the source information field.



**State/Tribal UST/AST: CA EPA/COUNTY/CITY ABOVEGROUND STORAGE TANKS LISTING-**The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.

**SWEEPS / FIDS STATE REGISTERED UNDEGROUND STORAGE TANKS-** Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.

**INDIAN LANDS UNDERGROUND STORAGE TANKS LIST-** A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTS are administered by US EPA Region 9.

**CUPA DATABASES & SOURCES-** Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.

A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.

Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefor, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

**State/Tribal IC: CA EPA DEED-RESTRICTED SITES LISTING-** The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

**State/Tribal VCP: CA EPA SMBRPD / CAL SITES-** The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type VC. Each Category contains information on properties based upon the type of work taking place at the site. The VC category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

**RADON: NTIS NATIONAL RADON DATABASE -** EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

**State Permits: CA COUNTY SAN DIEGO COUNTY HE17 PERMITS-** The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and

local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.

SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

**State Other: CA EPA/COUNTY SMBRPD / CAL SITES-** The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)

Please Note: FirstSearch Reports list the above sites as DB Type (STATE).

5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.

ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.

RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.

SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.

SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

## Environmental FirstSearch Database Sources

**NPL: EPA** Environmental Protection Agency

*Updated quarterly*

**NPL Delisted: EPA** Environmental Protection Agency

*Updated quarterly*

**CERCLIS: EPA** Environmental Protection Agency

*Updated quarterly*

**NFRAP: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA COR ACT: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA TSD: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA GEN: EPA** Environmental Protection Agency.

*Updated quarterly*

**RCRA NLR: EPA** Environmental Protection Agency

*Updated quarterly*

**Federal IC / EC: EPA** Environmental Protection Agency

*Updated quarterly*

**ERNS: EPA/NRC** Environmental Protection Agency

*Updated semi-annually*

**Tribal Lands: DOI/BIA** United States Department of the Interior

*Updated annually*

**State/Tribal Sites: CA EPA** The CAL EPA, Depart. Of Toxic Substances Control  
Phone: (916) 323-3400

*Updated quarterly/when available*

**State Spills 90: CA EPA** The California State Water Resources Control Board

*Updated when available*

**State/Tribal SWL: CA IWMB/SWRCB/COUNTY** The California Integrated Waste Management Board  
Phone:(916) 255-2331  
The State Water Resources Control Board  
Phone:(916) 227-4365  
Orange County Health Department

*Updated quarterly/when available*

**State/Tribal LUST: CA SWRCB/COUNTY** The California State Water Resources Control Board  
Phone:(916) 227-4416  
San Diego County Department of Environmental Health

*Updated quarterly/when available*

**State/Tribal UST/AST: CA EPA/COUNTY/CITY** The State Water Resources Control Board  
Phone:(916) 227-4364  
CAL EPA Department of Toxic Substances Control  
Phone:(916)227-4404  
US EPA Region 9 Underground Storage Tank Program  
Phone: (415) 972-3372

ALAMEDA COUNTY CUPAS:

- \* County of Alameda Department of Environmental Health
- \* Cities of Berkeley, Fremont, Hayward, Livermore / Pleasanton, Newark, Oakland, San Leandro, Union

ALPINE COUNTY CUPA:

- \* Health Department (Only updated by agency sporadically)

AMADOR COUNTY CUPA:

- \* County of Amador Environmental Health Department

BUTTE COUNTY CUPA

- \* County of Butte Environmental Health Division (Only updated by agency biannually)

CALAVERAS COUNTY CUPA:

- \* County of Calaveras Environmental Health Department

COLUSA COUNTY CUPA:

- \* Environmental Health Dept.

CONTRA COSTA COUNTY CUPA:

- \* Hazardous Materials Program

DEL NORTE COUNTY CUPA:

- \* Department of Health and Social Services

EL DORADO COUNTY CUPAS:

- \* County of El Dorado Environmental Health - Solid Waste Div (Only updated by agency annually)
- \* County of El Dorado EMD Tahoe Division (Only updated by agency annually)

FRESNO COUNTY CUPA:

- \* Haz. Mat and Solid Waste Programs

GLENN COUNTY CUPA:

- \* Air Pollution Control District

HUMBOLDT COUNTY CUPA:

- \* Environmental Health Division

IMPERIAL COUNTY CUPA:

- \* Department of Planning and Building

INYO COUNTY CUPA:

- \* Environmental Health Department

KERN COUNTY CUPA:

- \* County of Kern Environmental Health Department

- \* City of Bakersfield Fire Department

KINGS COUNTY CUPA:

- \* Environmental Health Services

LAKE COUNTY CUPA:

- \* Division of Environmental Health

LASSEN COUNTY CUPA:

- \* Department of Agriculture

LOS ANGELES COUNTY CUPAS:

- \* County of Los Angeles Fire Department CUPA Data as maintained by the Los Angeles County Department of Public Works

- \* County of Los Angeles Environmental Programs Division

- \* Cities of Burbank, El Segundo, Glendale, Long Beach/Signal Hill, Los Angeles, Pasadena, Santa Fe Springs, Santa Monica, Torrance, Vernon

MADERA COUNTY CUPA:

- \* Environmental Health Department

MARIN COUNTY CUPA:

- \* County of Marin Office of Waste Management

- \* City of San Rafael Fire Department

MARIPOSA COUNTY CUPA:

- \* Health Department

MENDOCINO COUNTY CUPA:

- \* Environmental Health Department

MERCED COUNTY CUPA:

- \* Division of Environmental Health

MODOC COUNTY CUPA:

- \* Department of Agriculture

MONO COUNTY CUPA:

- \* Health Department

MONTEREY COUNTY CUPA:

- \* Environmental Health Division

NAPA COUNTY CUPA:

- \* Hazardous Materials Section

NEVADA COUNTY CUPA:

- \* Environmental Health Department

ORANGE COUNTY CUPAS:

- \* County of Orange Environmental Health Department

- \* Cities of Anaheim, Fullerton, Orange, Santa Ana

- \* County of Orange Environmental Health Department

PLACER COUNTY CUPAS:

- \* County of Placer Division of Environmental Health Field Office

- \* Tahoe City

- \* City of Roseville Roseville Fire Department

PLUMAS COUNTY CUPA:

- \* Environmental Health Department

RIVERSIDE COUNTY CUPA:

- \* Environmental Health Department

SACRAMENTO COUNTY CUPA:

- \* County Environmental Mgmt Dept, Haz. Mat. Div.

SAN BENITO COUNTY CUPA:

- \* City of Hollister Environmental Service Department

SAN BERNARDINO COUNTY CUPAS:

- \* County of San Bernardino Fire Department, Haz. Mat. Div.

- \* City of Hesperia Hesperia Fire Prevention Department

- \* City of Victorville Victorville Fire Department

SAN DIEGO COUNTY CUPA:

- \* The San Diego County Dept. of Environmental Health HE 17/58

SAN FRANCISCO COUNTY CUPA:

- \* Department of Public Health

SAN JOAQUIN COUNTY CUPA:

- \* Environmental Health Division

SAN LUIS OBISPO COUNTY CUPAS:

- \* County of San Luis Obispo Environmental Health Division

- \* City of San Luis Obispo City Fire Department

SAN MATEO COUNTY CUPA:

- \* Environmental Health Department

SANTA BARBARA COUNTY CUPA:

- \* County Fire Dept Protective Services Division

SANTA CLARA COUNTY CUPAS:

- \* County of Santa Clara Hazardous Materials Compliance Division

- \* Santa Clara County Central Fire Protection District (Covers Campbell, Cupertino, Los Gatos, & Morgan Hill)

- \* Cities of Gilroy, Milpitas, Mountain View, Palo Alto, San Jose Fire, Santa Clara, Sunnyvale

SANTA CRUZ COUNTY CUPA:

- \* Environmental Health Department

SHASTA COUNTY CUPA:

- \* Environmental Health Department

SIERRA COUNTY CUPA:

- \* Health Department

SISKIYOU COUNTY CUPA:

- \* Environmental Health Department

SONOMA COUNTY CUPAS:

- \* County of Sonoma Department Of Environmental Health

- \* Cities of Healdsburg / Sebastopol, Petaluma, Santa Rosa

STANISLAUS COUNTY CUPA:

- \* Department of Environmental Resources Haz. Mat. Division

SUTTER COUNTY CUPA:

- \* Department of Agriculture

TEHAMA COUNTY CUPA:

- \* Department of Environmental Health

TRINITY COUNTY CUPA:

- \* Department of Health

TULARE COUNTY CUPA:

- \* Environmental Health Department

TUOLUMNE COUNTY CUPA:

- \* Environmental Health

VENTURA COUNTY CUPAS:

- \* County of Ventura Environmental Health Division

- \* Cities of Oxnard, Ventura

YOLO COUNTY CUPA:

- \* Environmental Health Department

YUBA COUNTY CUPA:

*Updated quarterly/annually/when available*

**State/Tribal IC: CA EPA** The California EPA Department of Toxic Substances Control.

*Updated Updated quarterly/annually/when available*

**State/Tribal VCP: CA EPA** The California EPA Department of Toxic Substances Control.

*Updated Updated quarterly/annually/when available*

**RADON:** *NTIS* Environmental Protection Agency, National Technical Information Services

*Updated periodically*

**State Permits:** *CA COUNTY* The San Diego County Depart. Of Environmental Health  
Phone:(619) 338-2211  
San Bernardino County Fire Department

*Updated quarterly/when available*

**State Other:** *CA EPA/COUNTY* The CAL EPA, Depart. Of Toxic Substances Control  
Phone: (916) 323-3400  
The Los Angeles County Hazardous Materials Division  
Phone: (323) 890-7806  
Orange County Environmental Health Agency  
Phone: (714) 834-3536  
Riverside County Department of Environmental Health, Hazardous Materials Management Division  
Phone:(951) 358-5055  
Sacramento County Environmental Management Department

*Updated quarterly/when available*

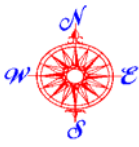
***Environmental FirstSearch***  
***Street Name Report for Streets within .25 Mile(s) of Target Property***

**TARGET SITE:** 5239 TELEGRAPH AVE  
OAKLAND CA 94609

**JOB:** 07038

<b>Street Name</b>	<b>Dist/Dir</b>	<b>Street Name</b>	<b>Dist/Dir</b>
48th St	0.25 SW		
49th St	0.18 SW		
50th St	0.16 SE		
51st St	0.08 SW		
52nd St	0.03 SE		
53rd St	0.02 NW		
54th St	0.07 NW		
55th St	0.12 NE		
56th St	0.18 N-		
Aileen St	0.22 NE		
Avon St	0.17 SE		
Carberry Ave	0.18 NW		
Cavour St	0.13 NE		
Claremont Ave	0.04 SE		
Clarke St	0.05 SE		
Clifton St	0.25 NE		
Dover St	0.23 SW		
Grove Shafter Fwy	0.20 NE		
Locksley Ave	0.24 SE		
Miles Ave	0.16 SE		
Redondo Ave	0.08 SE		
Shattuck Ave	0.10 SW		
State Highway 24	0.08 NW		
Telegraph Ave	0.01 SE		
Vicente Way	0.09 NE		
Webster St	0.20 SE		





# Environmental FirstSearch

1 Mile Radius  
Single Map:

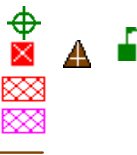


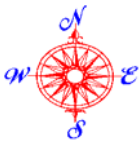
## 5239 TELEGRAPH AVE, OAKLAND CA 94609



Source: U.S. Census TIGER Files

- Target Site (Latitude: 37.838762 Longitude: -122.26306) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
- Triballand.....
- Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





# Environmental FirstSearch

1 Mile Radius  
ASTM-05: NPL, RCRACOR, STATE, RCRATSD

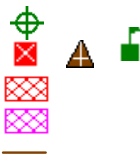


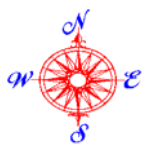
**5239 TELEGRAPH AVE, OAKLAND CA 94609**



Source: U.S. Census TIGER Files

- Target Site (Latitude: 37.838762 Longitude: -122.26306) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
- Triballand.....
- Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



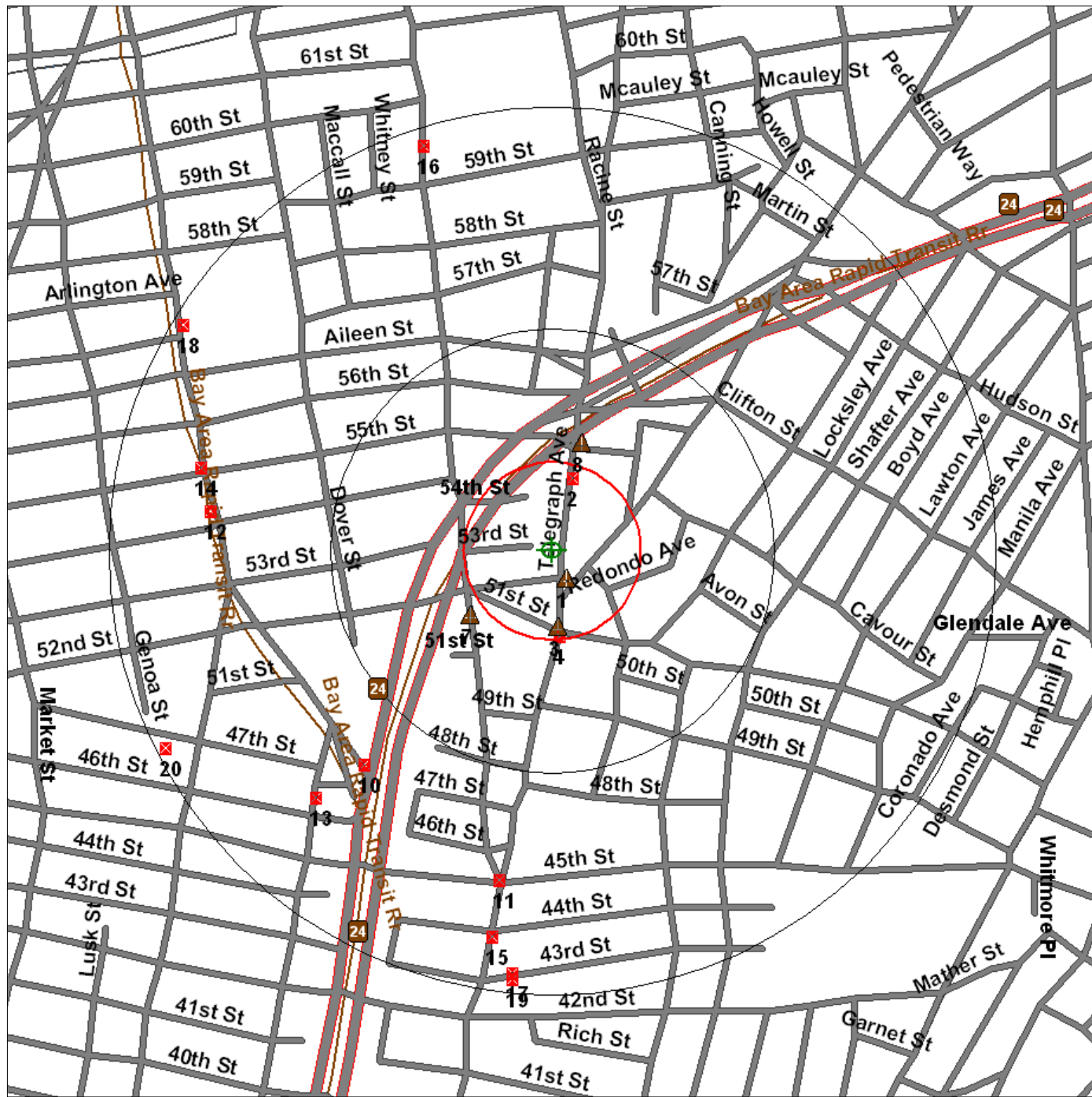


# Environmental FirstSearch

.5 Mile Radius  
ASTM-05: Multiple Databases



## 5239 TELEGRAPH AVE, OAKLAND CA 94609

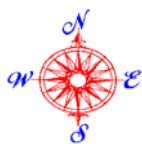


Source: U.S. Census TIGER Files

- Target Site (Latitude: 37.838762 Longitude: -122.26306) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
- Triballand.....
- Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius







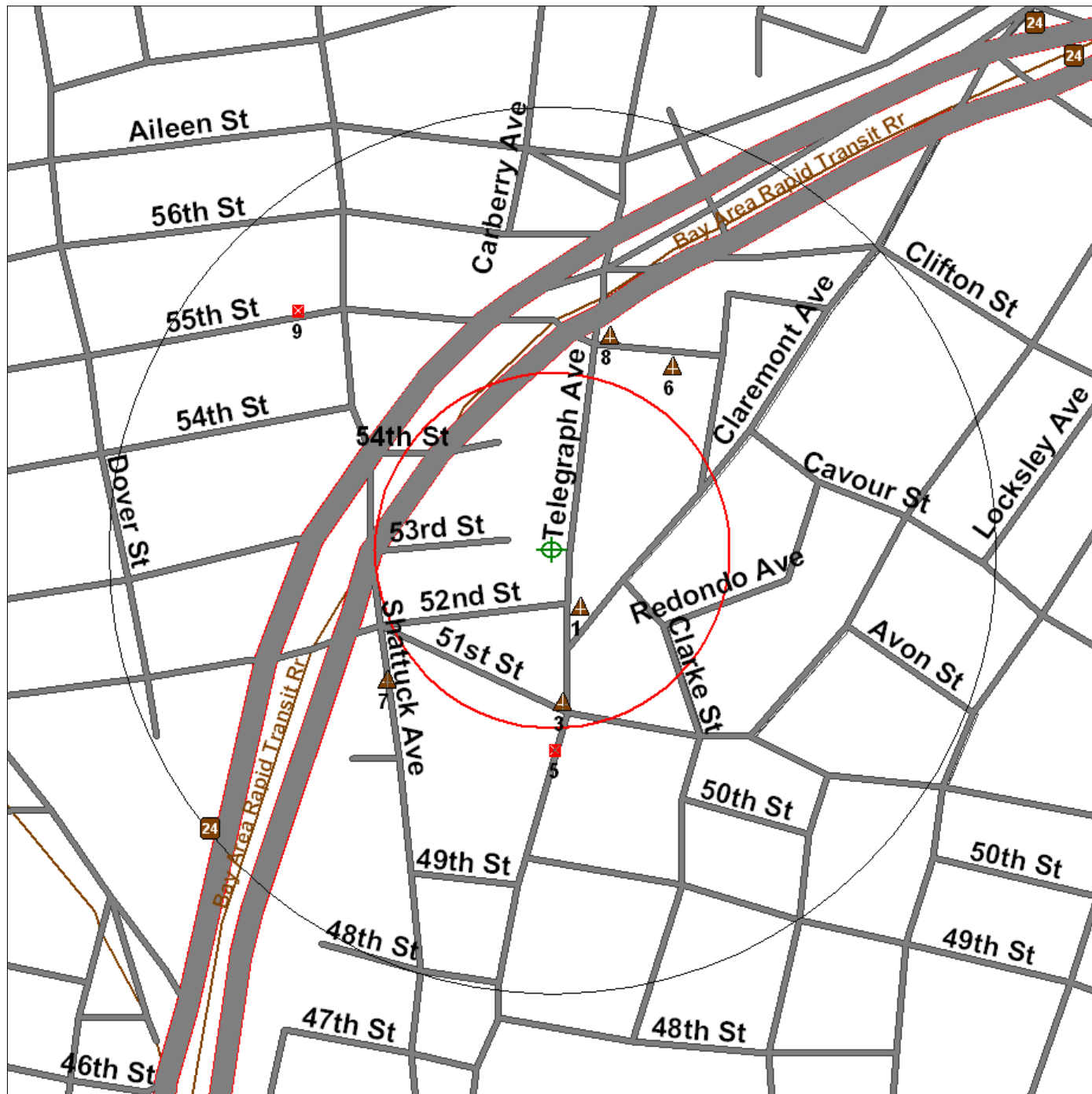
# Environmental FirstSearch

.25 Mile Radius

ASTM-05: RCRA GEN, UST, PERMITS, OTHER



**5239 TELEGRAPH AVE, OAKLAND CA 94609**



Source: U.S. Census TIGER Files

- Target Site (Latitude: 37.838762 Longitude: -122.26306) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
- Triballand.....
- Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





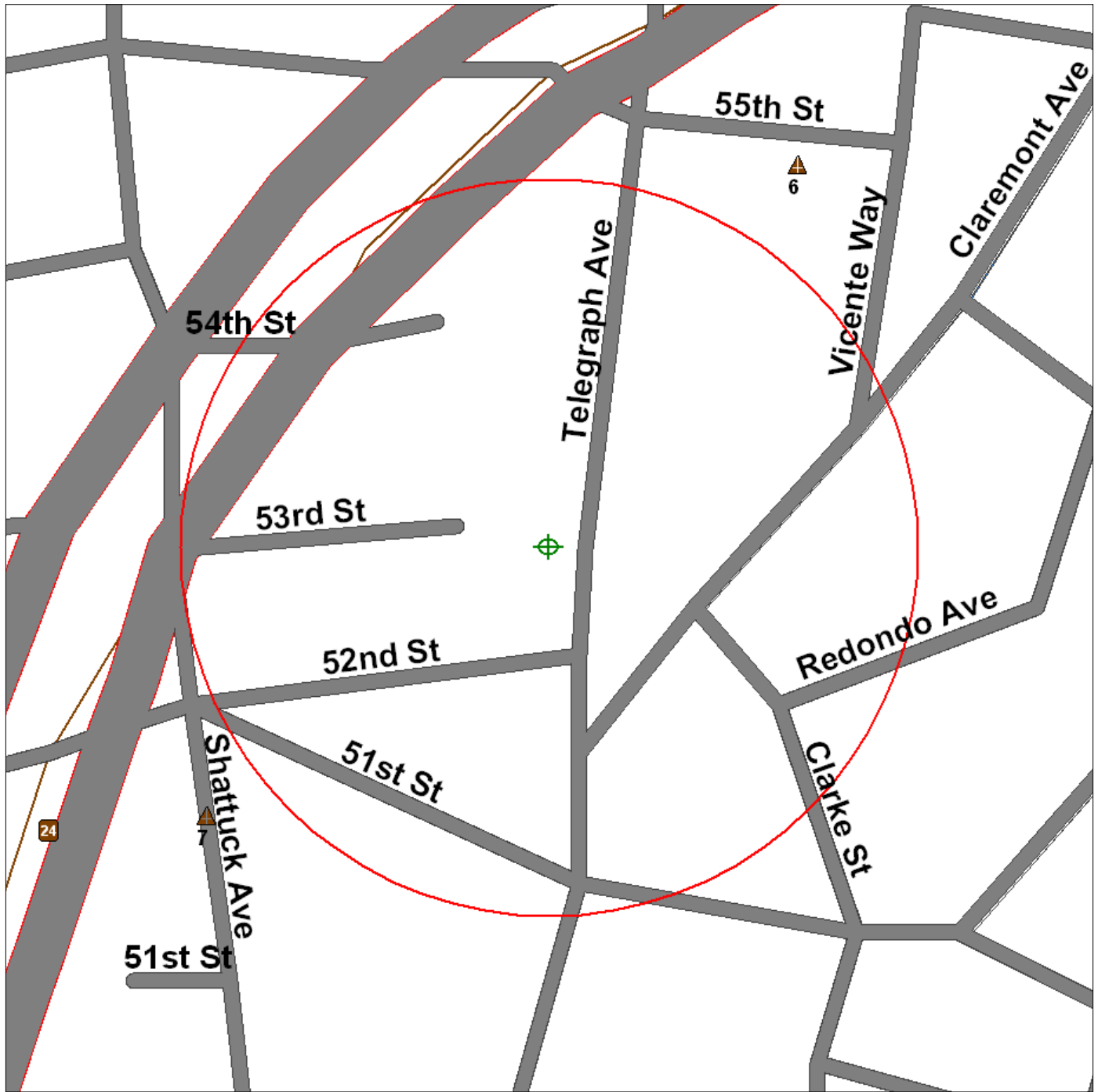
# Environmental FirstSearch

.12 Mile Radius

ASTM-05: SPILLS90, ERNS, RCRANLR



**5239 TELEGRAPH AVE, OAKLAND CA 94609**



Source: U.S. Census TIGER Files

Target Site (Latitude: 37.838762 Longitude: -122.26306) .....

Identified Site, Multiple Sites, Receptor .....

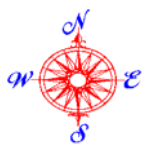
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....

Triballand.....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





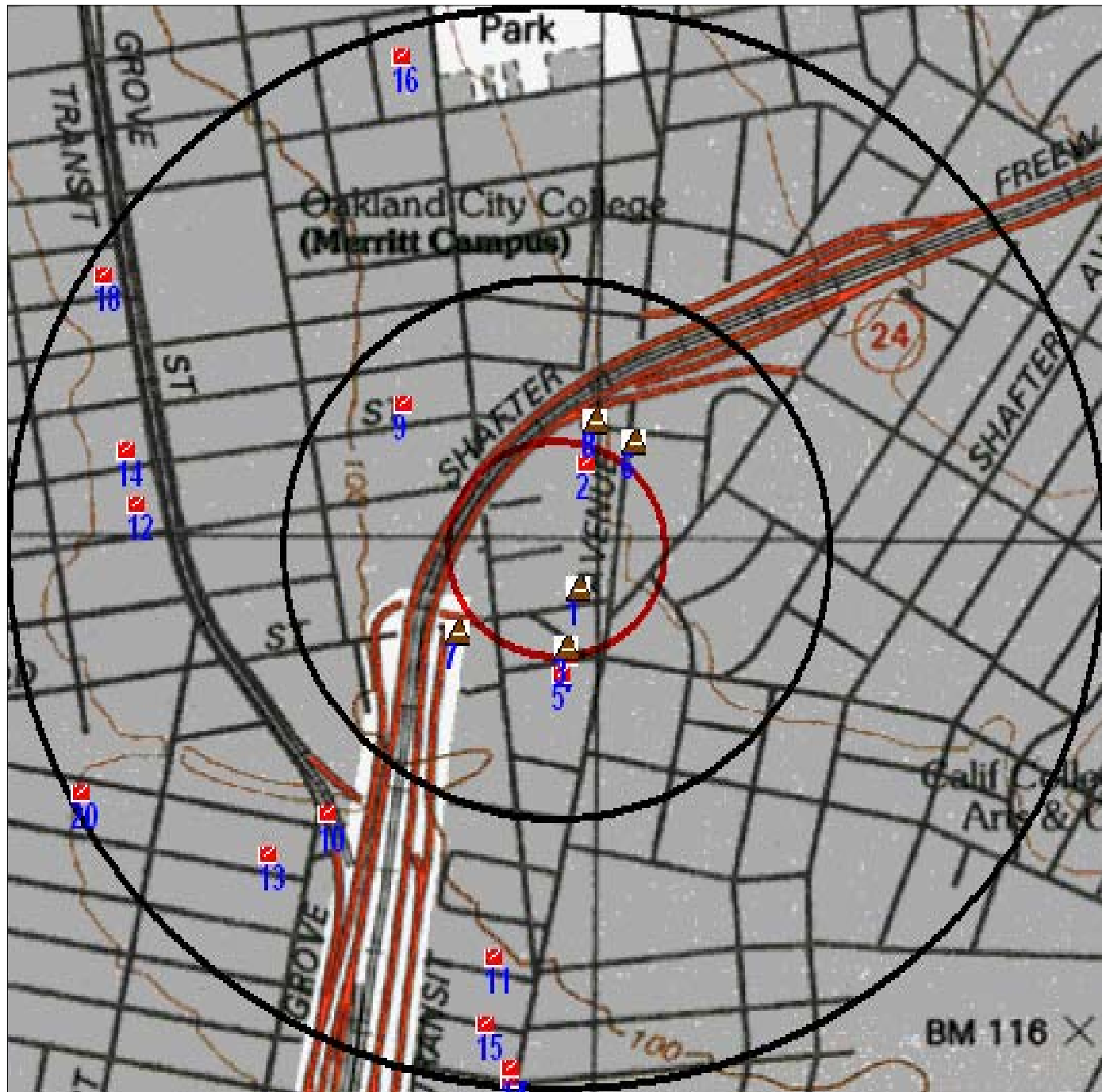
# Environmental FirstSearch

Topo : 0.50 Mile Radius

Single Map



**5239 TELEGRAPH AVE, OAKLAND CA 94609**



**Source:**

Target Site (Latitude: 37.838762 Longitude: -122.26306) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste .....

Tribal Land.....

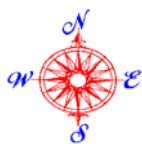
Map Name: OAKLAND WEST Date Created: 1993-- Date Revised: None--

Map Reference Code: 37122-G3-TF-024

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius







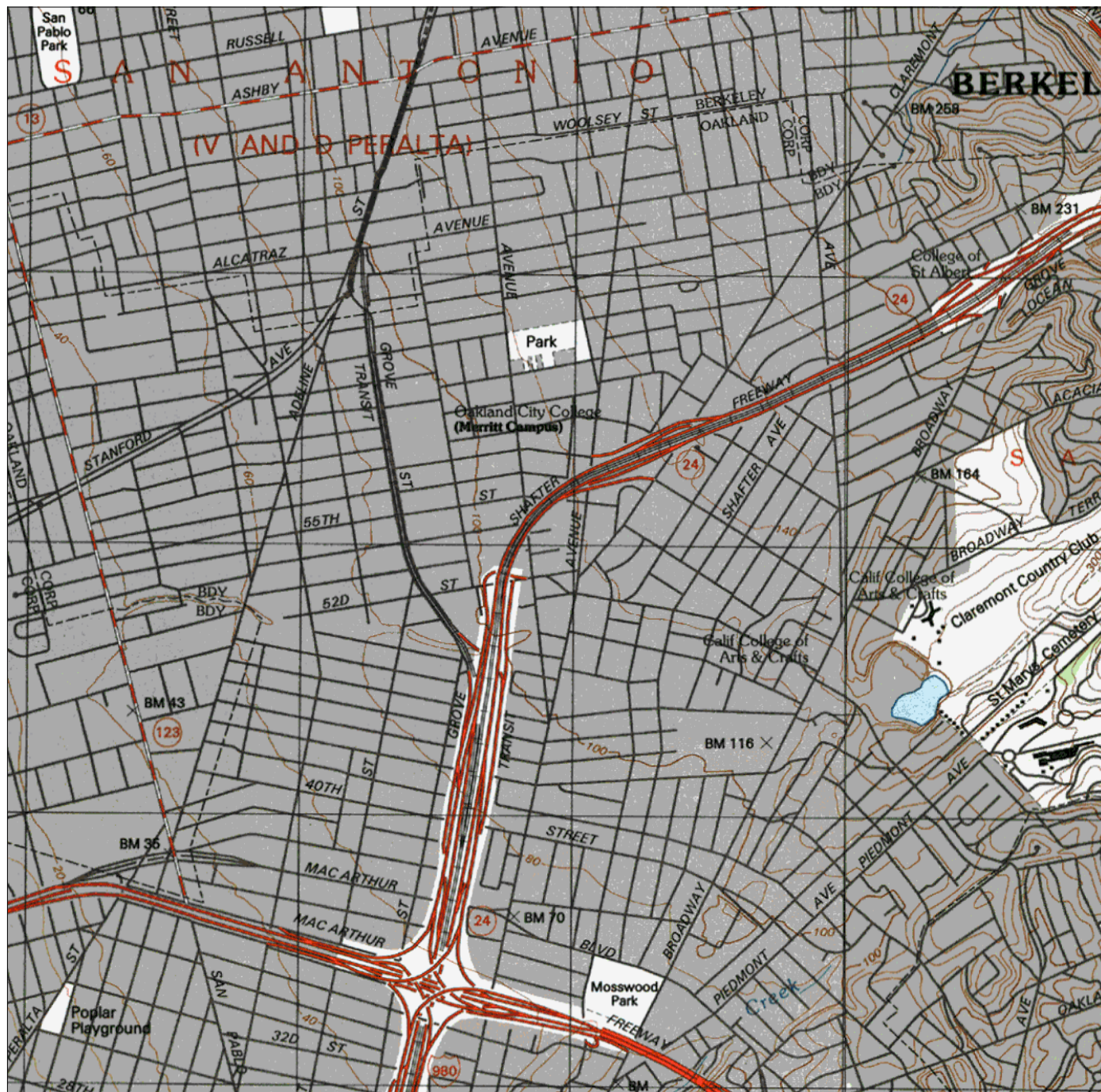
# Environmental FirstSearch

Topo : 1.25 Mile Radius

Site Locus Map



## 5239 TELEGRAPH AVE, OAKLAND CA 94609



**Source:**

Target Site (Latitude: 37.838762 Longitude: -122.26306)

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste

Tribal Land

Map Name: OAKLAND WEST Date Created: 1993-- Date Revised: None--

Map Reference Code: 37122-G3-TF-024

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



**APPENDIX E**

**SITE ASSESSMENT CHECKLIST AND  
ASTM TRANSACTION SCREEN AND ENVIRONMENTAL SITE  
ASSESSMENT QUESTIONNAIRE**



# SITE RECONNAISSANCE CHECKLIST

Site Reconnaissance: U 5239 TELEGRAPH Ave, OAKLAND

Inspector: W. Skip McIntosh Date: 2/15/07

Non-Facility Visitors: Chris Kwei Weather Conditions: clear cool

(1) Topography/Fill Areas: nearly flat, slight slope down to SW

(2) Soil/Geology: distal fluvial sediments over FRANCISCAN ASSEMBLAGE

(3) Ground Water: estimate 8-12'

(4) Vegetation: healthy weeds

(5) Wetlands: NONE

(6) Drainage: Describe (i.e., roof drains, storm drains, rivers and streams flow directions)

a) Building: to yard & driveway

b) Site: to storm drains in street

c) Regional: Southwest to SAN FRANCISCO BAY

(7) Public Utilities:  Drinking Water  Electric  Storm Sewer  Waste Water Sewer  Heating

Private Utilities (identify): PG & E

(8) Evidence of Contamination: Note environmental features (i.e., asbestos, sloppy housekeeping, hazardous chemicals, stores areas, containment structures)

a) General Building Information:

Bldg. Number: 1 Type: Commercial - vacant restaurant

Age: 1920's? Features: single story, dining room - kitchen

Construction: wood frame w/ wood & stucco, wood roof, narrow crawl space

b) Building Interior Condition: fair to poor

Odors: NONE

Spillage: NONE

Potential Asbestos: lath/plaster wall, sheetrock

Housekeeping: VACANT - nearly empty

c) Building Exterior Condition: good

No. of Transformers: NONE Content: \_\_\_\_\_

Area of Stained Soils: NONE

No. of Tanks/UST: NONE Age: \_\_\_\_\_ Size: \_\_\_\_\_ Type: \_\_\_\_\_

No. of Tanks/AST: NONE Age: \_\_\_\_\_ Size: \_\_\_\_\_ Type: \_\_\_\_\_

(9) Storage Area Condition: one 5-gal plastic bucket dishwash detergent

No. of Drums: NONE Type: \_\_\_\_\_

No. of Gas Cylinders: 2 empty CO2 type Type: \_\_\_\_\_

Waste Removal: trash bin Number: 1 Type: \_\_\_\_\_

Debris: Miscellaneous Number: \_\_\_\_\_ Type: \_\_\_\_\_

restaurant items left in store room & dishwasher area

Signature: W. Skip McIntosh

Site Address: 5239 Telegraph Ave Oakland

Date: 2/8/07  
SITE 2/15/07

Person Interviewed/Title: RAYMOND MORENO  
OWNER

**ASTM Transaction Screen and Environmental Site Assessment Questionnaire**

	Owner			Occupants			Observed During Site Visit		
1) Is the Property or any adjoining site used for an industrial use?	Yes	No	<u>Unk</u>	Yes	No	Unk	Yes	<u>No</u>	Unk
2) To the best of your knowledge, has the property or any adjoining site been used for an industrial use?	Yes	<u>No</u>	Unk	Yes	No	Unk	Yes	<u>No</u>	Unk
3) Is the Property or any adjoining site used for a gasoline station, motor repair, commercial printing, dry cleaning, photo process., a junkyard or landfill or for waste storage, disposal, process. or recycling?	Yes	No	<u>Unk</u>	Yes	No	Unk	<u>Yes</u>	No	Unk
							5200 Telegraph Auto service		
4) To the best of your knowledge, has the Property or any adjoining site been used for a gasoline station, motor repair, commercial printing, dry cleaning, photo process., a junkyard or landfill or for waste storage, disposal, process. or recycling?	Yes	<u>No</u>	Unk	Yes	No	Unk	<u>Yes</u>	No	Unk
							5200 Telegraph Former gas station		
5) Are there, or has there been to the best of your knowledge, discarded batteries or pesticides, paints, or other chemicals in more than 5 gallon containers or 50 gallons in total stored or used at the Property?	Yes	<u>No</u>	Unk	Yes	No	Unk	Yes	<u>No</u>	Unk
							Fuel OSTS Removed in 1990 from adjacent site none on prop. ty		
6) Are there, or has there been to the best of your knowledge, any industrial drums (usually 55 gallon) or sacks of chemicals on the Property?	Yes	<u>No</u>	Unk	Yes	No	Unk	Yes	<u>No</u>	Unk
7) Are there, or has there been to the best of your knowledge, any fill dirt from a contaminated or unknown site put on the Property?	Yes	<u>No</u>	Unk	Yes	No	Unk	Yes	<u>No</u>	Unk

Site Address: 5239 Telegraph Ave Oakland

	Owner			Occupants			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
8) Are there, or has there been to the best of your knowledge, any pits, ponds or lagoons on the Property in connection with waste treatment or disposal?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
9) Is there, or has there been to the best of your knowledge, any stained soil or ground on the Property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
10) Are there, or has there been to the best of your knowledge, any registered or unregistered underground or aboveground storage tanks on the Property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
11) Are there, or has there been to the best of your knowledge, any vent pipes, fill pipes or access ways indicating a fill pipe on the Property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
12) Are there, or has there been to the best of your knowledge, any flooring, drains, or walls on the Property that are stained by substances other than water or are emitting foul odors?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
13) If the Property is served by a non-public water system, is there any indication that the water supply was contaminated or were contaminants identified that exceeded guidelines?	Yes	No	<input checked="" type="radio"/> Unk	Yes	No	Unk	Yes	No	Unk
14) Does the owner or occupant have knowledge of liens or governmental notification relating to violations of environmental laws regarding the Property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk

N/A

Site Address: 5239 Telegraph Ave Oakland

	Owner			Occupants			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
15) Does the owner or occupant have knowledge of the current or past presence of hazardous substances or petroleum products on the Property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No	Unk
16) Does the owner or occupant have knowledge of any environmental site assessment that indicated the presence of contamination or recommended further assessment?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No	Unk
17) Does the owner or occupant have knowledge of past, threatened or pending lawsuits or administrative proceedings regarding a release of any hazardous substance on the Property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	No	Unk
18) Does the Property discharge waste water, other than storm or sanitary water into a sanitary sewer?	Yes	No	<input checked="" type="radio"/> Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
19) Is there any evidence to the best of your knowledge that hazardous substances, tires, batteries or other waste materials have been dumped, buried or burned on the Property?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk
20) Is there a transformer, capacitor or other hydraulic equipment for which there are records indicating the presence of PCB's?	Yes	No	<input checked="" type="radio"/> Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No	Unk

Site Address: 5239 Telegraph Ave Oakland

How long have you owned the Property and who have the occupants been? What has the property been used for in the past? (Please provide duration)

AUG 2002 LIFE ESTATE REMAINDER  
PROPERTY A RESTAURANT UNTIL MAR 2006 -  
DO NOT KNOW HOW LONG PROPERTY IN-THE-FAMILY.  
WE LIVE ABOUT 300 MILES FROM PROPERTY.  
PROPERTY UNOCCUPIED SINCE 5/06

Who occupied the Property prior to you?

LEASEE - MEKEDES TESTYFE 2004-2006  
BEFORE HER - UNKNOWN RESTAURANT  
LEASEE

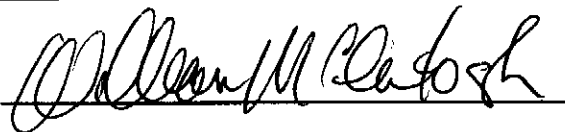
Interviewee Signature:



Dated:

2/15/07

Interviewer Signature:

 - SITE 2/15/07

Dated:

Please return to ERAS Environmental, Inc.  
Fax: (510) 886-5399 or by e-mail : [info@eras.biz](mailto:info@eras.biz)

**APPENDIX F**

**SUBSURFACE INVESTIGATION REPORT FOR OFF-SITE LEAK CASE**



R0323

February 10, 2005

4095041620 03

Mr. Ondrej Kojnok  
TriStar Partnership  
2980 Thomas Grade  
Morgan Hill, California 95037

Alameda County  
FEB 15 2005  
Environmental Health

**Quarterly Monitoring – Fourth Quarter  
Autopro Site  
5200 Telegraph Avenue  
Oakland, California**

Dear Mr. Kojnok:

MACTEC Engineering and Consulting, Inc. (MACTEC) is pleased to present the results of the fourth quarter sampling event for the Autopro Site located at 5200 Telegraph Avenue in Oakland, California (Site; Plate 1). This investigation was conducted in response to the December 24, 2002, letter from the Alameda County Health Care Services, Environmental Health Services Department (County). In this letter, the County requested that Autopro conduct quarterly monitoring for a period of one year, evaluate the effect the tops of the wells being screened below the depth to groundwater has on detected petroleum hydrocarbon concentrations in wells, and perform a one-time sampling of the backfill in nearby sewer and storm drain lines.

The results of the backfill analysis were included in MACTEC's report dated November 30, 2004, which included the results for the first two sampling events of the one year monitoring period. This monitoring report represents the third monitoring event of the one year monitoring period.

#### **QUARTERLY MONITORING**

The third quarter monitoring event was performed on December 29, 2004. MACTEC performed purging and sampling of accessible onsite and offsite wells (including Chevron Wells MW-2 and MW-3). Well MW-5 continues to be damaged (the Christy box was filled with dirt and asphalt) and was not accessible. Prior to sampling, depth to water in the monitoring wells was measured using a calibrated electronic water level meter. No evidence of free product was noted in any of the wells.

All wells were purged of a minimum of three well volumes using a PVC bailer. Conductivity, pH, and temperature parameters were collected at regular intervals and recorded on the attached well sampling forms in Appendix A. Samples were then collected from the monitoring wells using a disposable bailer and samples transferred to laboratory-supplied glassware.

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4095041620 03  
Mr. Ondrej Kojnok  
TriStar Partnership  
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Prior to use, all well purging equipment was steam cleaned and rinsed with deionized water at the MACTEC equipment yard. Well purge water was temporarily stored onsite in 55-gallon drums pending receipt of analytical results.

### **Laboratory Analysis**

Groundwater samples were analyzed for the following analyses in accordance with the County December 24, 2002, letter as follows:

- Total petroleum hydrocarbons (TPH) as gasoline (g), diesel (d), and motor oil (mo) using EPA Test Method 8015m; and
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) using EPA Test Method 8021B. Analysis of the remaining fuel oxygenates was not performed. As detailed in the County's December 2002 letter, fuel oxygenates were dropped from the sampling program because they were not detected in the initial rounds of sampling.

### **Groundwater Flow**

On the basis of groundwater levels collected from the monitoring wells prior to groundwater sampling on December 29, 2004, the groundwater flow direction at the Site was to the northeast with a hydraulic gradient of 0.002. Table 1 presents groundwater elevations from December 29 (including historical elevations), and Plates 3 through 5 present the current groundwater elevation contour map and the rose diagrams depicting groundwater hydraulic gradients (Autopro wells only).

### **Laboratory Results**

The laboratory analytical reports for groundwater samples submitted for chemical analysis are presented as Appendix A. Table 2 summarizes the analytical results for the groundwater samples collected during these two sampling events and previous sampling events, and Plates 6 through 8 present plume maps. The results were as follows:

- TPH<sub>g</sub> was detected at concentrations of 710, 5,100, and 2,300 micrograms per liter (µg/L) in samples collected from Autopro wells MW-1, MW-3, and MW-4 respectively.
- TPH<sub>d</sub> was detected at concentrations between 53 and 3,300 µg/L in samples collected from all sampled wells except Chevron Well MW-2.
- TPH<sub>mo</sub> was detected at concentrations of 450 and 1,400 µg/L in samples collected from Autopro wells MW-1 and MW-4 respectively.



- Benzene was detected at a concentration of 16 µg/L in the sample collected from Autopro well MW-3.
- Toluene was detected at a concentration of 8.9 µg/L in the sample collected from Autopro well MW-3.
- Ethylbenzene was detected at concentrations of 2.2, 14, and 3.0 µg/L in samples collected from Autopro wells MW-1, MW-3, and MW-4 respectively.
- Total xylenes were detected at concentrations of 4.2, 34, and 8.4 µg/L in samples collected from Autopro wells MW-1, MW-3, and MW-4 respectively.
- MTBE was detected at concentrations of 34 and 4.7 µg/L in samples collected from Autopro wells MW-3 and MW-4 respectively. Secondary confirmation for MTBE using EPA test method 8260B was performed on the sample collected Well MW-3. MTBE was not detected, and based on this confirmation, the laboratory determined that the MTBE detected by 8021B analysis was likely an artifact of the analysis. Due to laboratory error, secondary confirmation for MTBE using EPA test method 8260B was not performed on the sample collected from Well MW-4.

## DISCUSSION

Quarterly monitoring results indicate low to moderate concentrations of petroleum hydrocarbon constituents within historical ranges continue to be present in onsite monitoring wells. Concentrations of TPHg and TPHd continue to be above the general water quality objective of 0.1 mg/L / 1,000 µg/L established by the Regional Water Quality Control Board (RWQCB). The detected benzene concentration in Well MW-3 exceeded the maximum contaminant level (MCL) of 1.0 µg/L. Remaining BTEX concentrations did not exceed MCLs during this quarterly monitoring event.

Groundwater flow was to the northeast which is inconsistent with the historical south-southwest trends. The reason for this change is unknown but can likely be attributed to the heavy precipitation that occurred during this timeframe. Review of the water level information indicates that water levels in wells MW-2 through MW-4 rose approximately 3.5 to 4.0 feet while the water level in Well MW-1 only rose approximately 2.0 feet. The extreme differences between water level increases in MW-2 through MW-4 and MW-1 caused the water direction to reverse 180 degrees.

With the exception of MW-1 where BTEX results were detected at their highest concentrations since the early 1990's, chemical concentrations are within historical ranges.

## PLANNED ACTIVITIES

Pursuant to the letter from the County to conduct quarterly groundwater monitoring, our next sampling event is scheduled for mid to late March. Based on recent communications with the City of Oakland

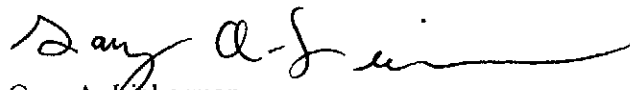
February 10, 2005  
4095041620 03  
Mr. Ondrej Kojnok  
TriStar Partnership  
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(City), an encroachment permit and lane closure permits will be required by the City to assess and repair Well MW-5. We have completed costing, and are in the process of requesting additional funding that will be necessary from the State Water Resources Control Board (SWRCB) cleanup fund to perform this task and anticipate that Well MW-5 will be repaired in early March.

We trust this report provides the information required at this time. Please feel free to contact Gary Lieberman at (707) 793-3858 if you have questions.

Yours very truly,

**MACTEC Engineering & Consulting, Inc.**



Gary A. Lieberman  
Senior Geologist



Michael G. Burns, CHG  
Principal Geologist

GAL/mlb:MB61087\_12-04Q-ESC

Attachments: Table 1 – Historical Groundwater Elevation Data  
Table 2 – Historical Groundwater Analytical Data

Plate 1 – Vicinity Map  
Plate 2 – Site Map and Utility Trench Backfill Boring Location  
Plate 3 – Groundwater Contour Map – December 29, 2004  
Plate 4 – Rose Diagram – Groundwater Direction Frequency  
Plate 5 – Rose Diagram – Groundwater Direction Magnitude  
Plate 6 – Total Petroleum Hydrocarbons as Gasoline – December 29, 2004  
Plate 7 – Total Petroleum Hydrocarbons as Diesel – December 29, 2004  
Plate 8 – Benzene – December 29, 2004

Appendix A – Well Sampling Forms  
Appendix B – Laboratory Analytical Report

cc: Mr. Don Huang, Alameda County Health Care Services

**TABLE 1  
HISTORICAL GROUNDWATER ELEVATION DATA**

**Autopro Facility  
5200 Telegraph Avenue  
Oakland, California**

MW-1	04/26/94	115.44	12.69	102.75
	07/20/94		12.39	103.05
	10/21/94		13.06	102.38
	01/18/95		10.14	105.30
	06/26/96		11.90	103.54
	09/24/96		12.53	102.91
	12/11/96		9.95	105.49
	12/12/97		10.28	105.16
	03/23/98		5.12	110.32
	06/16/98		10.15	105.29
	08/25/98		13.10	102.34
	09/30/98		13.33	102.11
	12/15/98		11.78	103.66
	03/22/02		11.45	103.99
	06/28/02		12.16	103.28
	09/06/02		13.05	102.39
	01/06/03		10.81	104.63
06/23/04	12.55	102.89		
09/22/04	13.11	102.33		
12/29/04	11.15	104.29		
MW-2	04/26/94	114.62	11.15	103.47
	07/20/94		11.44	103.18
	10/21/94		12.30	102.32
	01/18/95		9.21	105.41
	06/26/96		11.16	103.46
	09/24/96		11.81	102.81
	12/11/96		9.17	105.45
	12/12/97		9.39	105.23
	03/23/98		4.32	110.30
	06/16/98		9.23	105.39
	08/25/98		12.25	102.37
	09/30/98		12.42	102.20
	12/15/98		10.93	103.69
	03/22/02		10.32	104.30
	06/28/02		11.26	103.36
	09/06/02		12.10	102.52
	01/06/03		9.94	104.68
06/23/04	11.90	102.72		
09/22/04	12.22	102.40		
12/29/04	8.71	105.91		
MW-3	04/26/94	113.90	10.97	102.93
	07/20/94		11.21	102.69
	10/21/94		11.92	101.98
	01/18/95		8.90	105.00
	06/26/96		10.88	103.02
	09/24/96		12.53	101.37
	12/11/96		8.17	105.73
	12/12/97		8.81	105.09
	03/23/98		3.65	110.25
	06/16/98		8.90	105.00
	08/25/98		12.35	101.55
	09/30/98		12.11	101.79
	12/15/98		10.53	103.37
	03/22/02		9.93	103.97



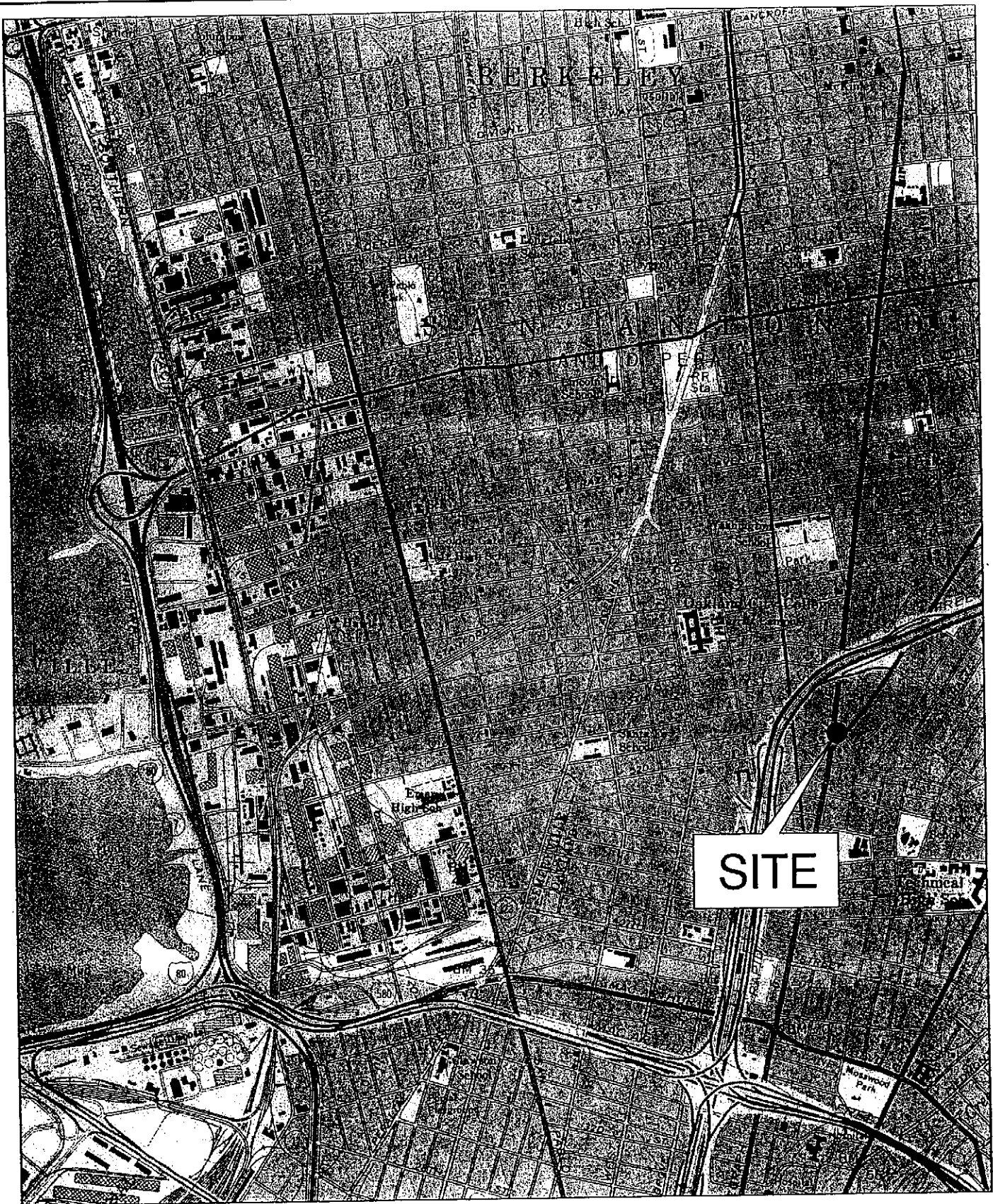
**TABLE 2**  
**HISTORICAL GROUNDWATER ANALYTICAL DATA**  
**Autopro Facility**  
**5200 Telegraph Avenue**  
**Oakland, California**

Well	Date Sampled	Concentration (mg/L)										Concentration (µg/L)						
		As	Ba	Be	B	Br	Ca	Cl	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Sr	V	Zn
MW-1	04/26/94	<50	--	1,400	<0.50	<0.50	4.5	2.1	--	<0.50	0.001	<0.05	<0.005	0.120	<0.10			
	07/20/94	100	--	1,200	19	2.5	2.4	1.6	--	--	<0.010	0.220	0.044	0.360	0.350			
	10/21/94	130	--	560	8.4	1.1	0.90	1.8	--	--	<0.010	<0.010	<0.020	0.041	0.077			
	01/18/95	240	--	620	8.5	2.1	1.3	2.3	--	--	<0.010	0.026	<0.020	0.024	0.067			
	06/26/96	56	<250	180	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--			
	09/24/96	150	<250	170	3.7	0.92	0.54	0.63	6.5	--	--	--	--	--	--			
	12/11/96	300	<250	520	<0.50	0.8	0.59	0.81	<5.0	--	--	--	--	--	--			
	12/12/97	280	<250	360	<0.50	0.8	0.82	0.9	<5.0	--	--	--	--	--	--			
	03/23/98	96	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--			
	08/25/98	110	<250	740	<0.50	<0.50	<0.50	2.40	<10	--	--	--	--	--	--			
	09/30/98	<50	<250	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--			
	12/15/98	380	<250	560	<0.5	1.80	0.66	1.50	--	--	--	--	--	--	--			
	03/22/02	5,100	6,900	150	<0.5	0.90	<0.5	<0.5	<5.0	--	--	--	--	--	--			
	06/28/02	590	260	560	0.54	1.60	<0.5	1.30	<5.0	--	--	--	--	--	--			
	09/06/02	320	<250	330	<0.50	1.30	<0.5	<0.5	<5.0	--	--	--	--	--	--			
	01/06/03	1,800	3,300	540	<0.50	2.20	<0.50	<0.50	<5.0	--	--	--	--	--	--			
	06/23/04	330	<250	530	<0.50	<0.50	<0.50	<0.50	<5.0	ND*	--	--	--	--	--			
	09/22/04	410	<250	260	<1.0	<1.0	<1.0	<1.0	<1.0	ND*	--	--	--	--	--			
	12/29/04	800	450	710	<0.5	<0.5	2.20	4.20	<2.5	--	--	--	--	--	--			
	MW-2 (Dup)	04/26/94	<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	<0.001	<0.05	<0.005	0.060	<0.10		
07/20/94		<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	<0.010	0.022	<0.020	0.045	0.068			
10/21/94		<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	<0.010	0.031	<0.020	0.027	0.044			
01/18/95		<50	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	<0.010	0.014	<0.020	0.023	0.045			
06/26/96		<50	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--			
09/24/96		<50	<250	<50	<0.50	<0.50	<0.50	<0.50	9.6	--	--	--	--	--	--			
12/11/96		<50	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--			
12/12/97		58	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--			
12/12/97		<50	<250	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--			
03/23/98		200	<250	200	<0.50	0.09	<0.50	<0.50	<5.0	--	--	--	--	--	--			
08/25/98		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--			
09/30/98		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--			
12/15/98		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--			
03/22/02		110	270	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--			
06/28/02		410	660	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--			
09/06/02		<50	<250	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--			
01/06/03		230	620	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--			
06/23/04		56	<280	<50	<0.5	<0.5	<0.5	<0.5	<0.50	ND*	--	--	--	--	--			
09/22/04		95	<260	<50	<0.5	<0.5	<0.5	<0.5	<0.50	ND*	--	--	--	--	--			
12/29/04		53	<260	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--			

**TABLE 2**  
**HISTORICAL GROUNDWATER ANALYTICAL DATA**

**Autopro Facility**  
**5200 Telegraph Avenue**  
**Oakland, California**

MW-3	04/26/94	<3,000	--	10,000	70	40	40	50	--	<30	<0.001	<0.05	0.043	0.100	0.100
	07/20/94	1,400	--	7,500	120	38	36	39	--	--	<0.010	0.099	0.140	0.120	0.250
	10/21/94	1,200	--	6,300	69	37	29	38	--	--	<0.010	<0.010	<0.020	0.036	0.140
	01/18/95	1,600	--	8,000	84	16	48	49	--	--	<0.010	0.046	0.049	0.040	0.110
	06/26/96	2,800	<250	6,600	15	17	23	40	53	--	--	--	--	--	--
	(Dup) 06/26/96	2,700	<250	6,600	14	16	21	37	49	--	--	--	--	--	--
	09/24/96	2,600	290	4,800	12	11	18	43	42	--	--	--	--	--	--
	12/11/96	2,900	<250	6,700	20	19	32	44	70	--	--	--	--	--	--
	12/12/97	3,300	<250	7,400	32	37	46	90	<160	--	--	--	--	--	--
	(Dup) 03/23/98	1,900	<250	2,500	<0.50	3.2	3.5	7.7	<20	--	--	--	--	--	--
	03/23/98	1,600	<250	2,400	<0.50	4.0	3.4	4.4	<18	--	--	--	--	--	--
	08/25/98	--	--	--	0.8	1.1	0.77	2.3	<10	--	--	--	--	--	--
	09/30/98	2,800	<250	4,000	6.8	7.3	6.9	19	--	--	--	--	--	--	--
	12/15/98	2,100	<250	3,300	<0.5	8.3	6.2	15	--	--	--	--	--	--	--
	03/22/02	7,700	270	8,300	11	10	13	24	<25	--	--	--	--	--	--
	06/28/02	6,900	<250	9,300	53	<5.0	11	23	<50	--	--	--	--	--	--
	09/06/02	5,800	<250	9,900	61	10	20	46	<25	--	--	--	--	--	--
	01/06/03	5,100	<250	6,300	<5.0	7.0	8.5	15	<50	--	--	--	--	--	--
	06/23/04	600	<280	33,000	<5.0	<5.0	<5.0	5.6	<5.0	ND*	--	--	--	--	--
	09/22/04	2,500	<260	13,000	<10	<10	<10	<10	<10	ND*	--	--	--	--	--
12/29/04	2,400	<250	5,100	16	8.9	14	34	<0.5	--	--	--	--	--	--	
MW-4	04/26/94	<300	--	6,800	<3.0	<3.0	3.0	4.0	--	<3.0	<0.001	<0.05	0.007	0.060	<0.10
	07/20/94	1,500	--	5,600	35	11	12	17	--	--	<0.010	0.023	<0.020	0.048	0.060
	10/21/94	870	--	4,300	26	19	12	20	--	--	<0.010	0.013	<0.020	<0.020	0.092
	01/18/95	1,300	--	5,700	19	15	13	16	--	--	<0.010	0.020	<0.020	0.021	0.036
	06/26/96	2,500	<250	4,700	<0.25	4.8	11	19	30	--	--	--	--	--	--
	(Dup) 09/24/96	2,200	<250	5,300	<1.0	5.3	8.2	8.3	<35	--	--	--	--	--	--
	09/24/96	2,200	<250	5,500	<1.0	6.6	9.4	8.4	<35	--	--	--	--	--	--
	12/11/96	2,400	<250	4,000	<0.25	4.0	7.6	9.2	22	--	--	--	--	--	--
	(Dup) 12/11/96	2,800	<250	7,000	18	20	34	49	73	--	--	--	--	--	--
	12/12/97	2,700	<250	3,100	<0.5	3.3	7.6	8.9	<41	--	--	--	--	--	--
	03/23/98	740	500	950	<0.50	2.7	1.0	1.3	<17	--	--	--	--	--	--
	08/25/98	1,800	<250	2,700	<0.5	3.0	4.2	11	<30	--	--	--	--	--	--
	09/30/98	1,700	<250	3,300	2.1	7.0	5.9	<0.5	--	--	--	--	--	--	--
	12/15/98	1,800	<250	3,300	<0.5	3.9	4.9	12	--	--	--	--	--	--	--
	03/22/02	2,200	290	3,500	ND <1.0	3.2	2.4	4.6	<10	--	--	--	--	--	--
	06/28/02	2,700	940	3,900	2.6	7.3	4.5	7.2	<10	--	--	--	--	--	--
	09/06/02	1,800	<250	2,500	2.7	4.2	3.2	5.7	<10	--	--	--	--	--	--
	01/06/03	2,100	370	2,500	0.69	2.4	1.7	1.4	<5.0	--	--	--	--	--	--
	06/23/04	1,100	<250	1,700	<0.5	<0.5	0.67	1.2	<0.5	ND*	--	--	--	--	--
	09/22/04	1,600	<260	1,800	<5.0	<5.0	<5.0	<5.0	<5.0	ND*	--	--	--	--	--
12/29/04	3,300	1,400	2,300	<0.5	<0.5	3.0	8.4	4.7	--	--	--	--	--	--	



20041006.1057

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20041008.1204

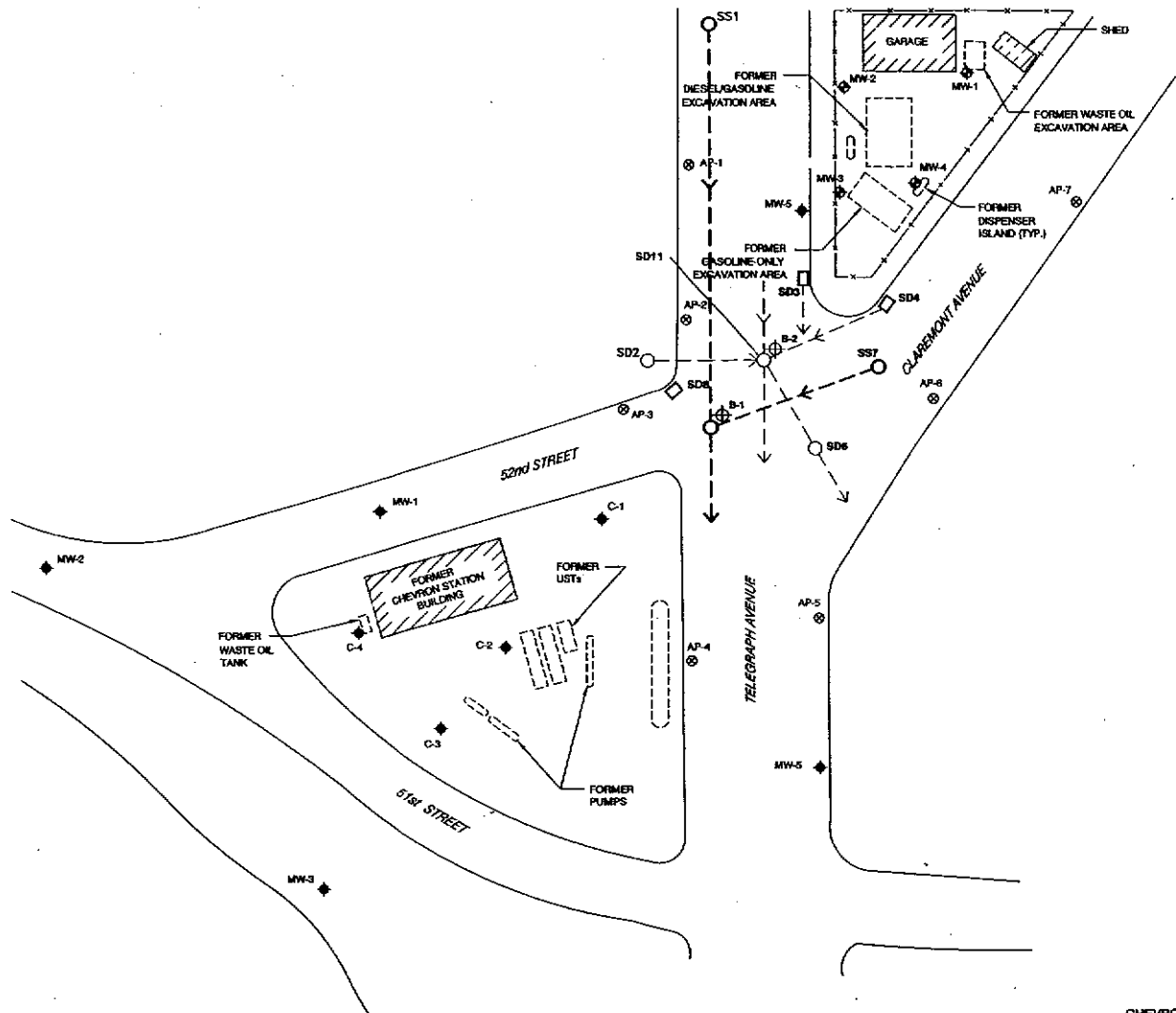
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ENGINEER:		SCALE:	1"=X
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DATE:	<i>11/29/04</i>	DATE:	<i>11/29/04</i>



Vicinity Map  
Aoutpro Inc.  
5200 Telegraph Avenue  
Oakland, California

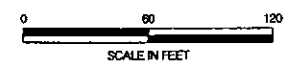
FIGURE

1



**LEGEND**

- MW-1 GROUNDWATER MONITORING WELLS INSTALLED BY GST
- MW-1 GROUNDWATER MONITORING WELLS INSTALLED FOR CHEVRON
- C-1 SOIL BORING BY GST
- AP-1 TRENCH SOIL BORING LOCATION
- B-2 TRENCH SOIL BORING LOCATION
- STORM DRAIN
- SANITARY SEWER
- X- FENCE



CHEVRON SITE BASE MAP FROM CAMBERIA ENVIRONMENTAL TECHNOLOGY, INC.

DRAWN: PH	PROJECT NO: 4085041620.03
ENGINEER:	SCALE: 1"=60'
CHECKED:	DATE:
APPROVER: GAL	REVISED DATE: 2/10/05



Autopro Inc.  
520 Telegraph Avenue  
Oakland, California

Site Map

PLATE:

2

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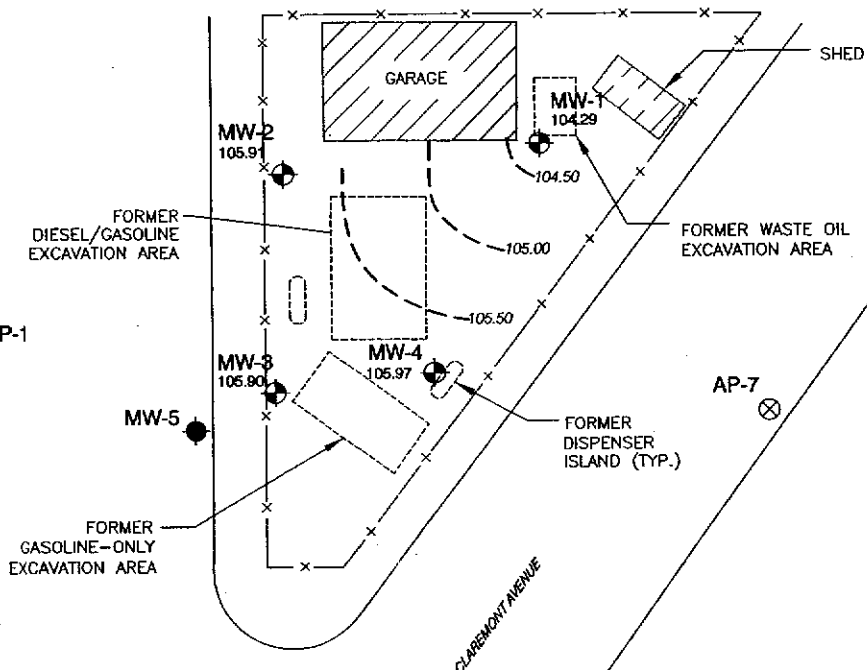


drilled 1996  
GROUNDWATER

AP-1 Tphg = 1400 ug/L

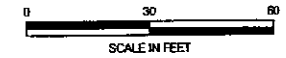
Tphd = 190 ug/L

Referenced in  
MACTEC, 2000



**LEGEND**

- MW-1 GROUNDWATER MONITORING WELLS INSTALLED BY QST
- MW-1 C-1 GROUNDWATER MONITORING WELLS INSTALLED FOR CHEVRON
- AP-1 SOIL BORING BY QST
- x- FENCE
- 102.30 --- GROUNDWATER CONTOUR
- 102.33 GROUNDWATER ELEVATION IN FEET MSL



CHEVRON SITE BASE MAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC.

DRAWN: PH	PROJECT NO: 4095041620 03
ENGINEER:	SCALE: 1" = 30'
CHECKED:	DATE:
APPROVED: GAL	REVISED DATE: 2/11/05



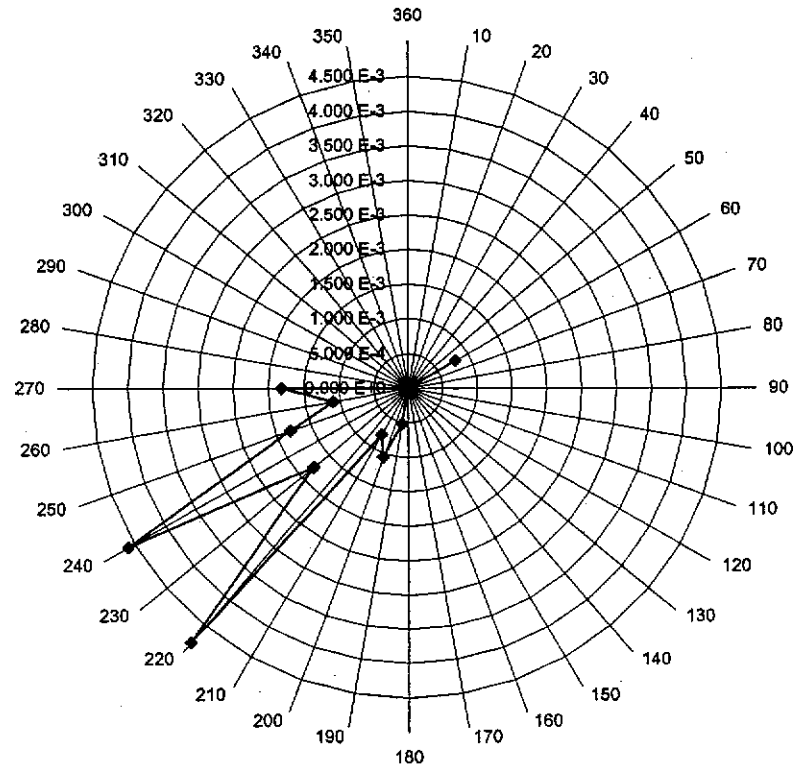
Autopro Inc.  
5200 Telegraph Avenue  
Oakland, California

Groundwater Contour Map - 12/24/04

PLATE:  
**3**

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**Autopro Facility  
Water Direction Gradient  
April 1994 through December 2004**



Explanation  
This graph shows the gradient magnitude for each particular flow direction. Average magnitude shown when more than one event is in a particular flow direction.



Engineering  
and  
Consulting, Inc.

Rose Diagram  
Groundwater Direction Gradient  
Autopro Facility  
Oakland, California

PLATE

**5**

DRAWN BY  
MBP

JOB NUMBER  
4095041620 01

DATE  
2/05

Approved  
*D. GAL 2/9/05*