Geomatrix

February 21, 2008
Project 11037.001

Ms. Donna Drogos
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Subject: Former Shell Automotive Service Station
2301 - 2307 Lincoln Avenue
Alameda, California

Dear Ms. Drogos:

Geomatrix Consultants, Inc. (Geomatrix), has prepared this letter and the attached report (Attachment A) on behalf of our client, Mr. Allan Sebanc. Based on the findings summarized in our report, Geomatrix recommends further investigation at the site. In the attached Statement of Environmental Responsibility, dated February 7, 2008, Shell assumes responsibility for cleanup attributable to Shell's historical operations (Attachment B).

SITE HISTORY

According to Shell's consultant, the site was operated as an automotive service station from 1926 until 1982[1]. Alameda Fire Department (AFD) records (Attachment E) indicate that underground storage tanks (USTs) were installed at a Shell Oil Station at the site in 1958, then additional tanks were installed by Shell Oil Company in 1970. Shell owned the site from 1979 until 1982 according to Shell's consultant. The USTs installed by Shell in 1970 were removed in 1982, when Shell owned the property. The site was redeveloped into a retail center in 1982.

The site has been used as a retail center from 1982 until present day. Mr. Sebanc has never owned or operated any USTs at the site.

AUGUST 2007 SOIL AND GROUNDWATER SAMPLING

As summarized in the attached report, Geomatrix collected samples from a UST system location that was used at the site from at least 1959 until 1982. Based on Geomatrix's August 2007 soil and groundwater data and the site history described in our report, petroleum hydrocarbons detected in soil and groundwater samples from borings EB-1 through EB-3, EB 5 and EB-6 likely are the result of onsite UST operation.

Because a number of detected petroleum hydrocarbon and lead concentrations exceed applicable Environmental Screening Levels[2], as stated in the attached December 7, 2007 report, Geomatrix recommends further investigation to evaluate the extent of impacts and the potential for the detected chemicals to pose an unacceptable risk to human health or the environment.

1. Ibid.
2 California Regional Water Quality Control Board, San Francisco Bay Region (Regional Water Board), 2007, Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Interim Final, November.

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We appreciate your attention to this matter. Please contact either of the undersigned at 510-663-4100 if you have further questions or require additional information.

Sincerely,
GEOMATRIX CONSULTANTS, INC.

Jake Torrens
Project Scientist

Robert W. Schultz, PG #7012, CHG #833
Senior Geologist

jlt/rws/kwg

Attachments: Attachment A - Subsurface Investigation Summary Report (December 7, 2007), prepared by Geomatrix
Attachment B - Shell's "Statement of Environmental Responsibility" (February 7, 2008)
Attachment C - Limited Phase II Environmental Site Investigation (August 12, 1999) prepared by Basics Environmental
Attachment D - Site Assessment Report (May 1, 2000) prepared by Toxichem
Attachment E - Alameda Fire Department Underground Storage Tank Records

cc: Mr. Denis Brown, Shell Oil Products US
Mr. Gary Foote, Geomatrix
Mr. Allen Sebanc, Property Owner

ATTACHMENT A

Subsurface Investigation Summary Report (December 18, 2007), Prepared by Geomatrix

Subsurface Investigation Summary Report

2301-2307 Lincoln Avenue
Alameda, California

Prepared for:

Allan Sebanc
2805 Ralston Avenue
Hillsborough, California 94010-6547

Prepared by:

Geomatrix Consultants, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612

December 2007

Project No. 11037.001

Geomatrix

Subsurface Investigation Summary Report

2301-2307 Lincoln Avenue

Alameda, California

Prepared for:

Allan Sebanc
2805 Ralston Avenue
Hillsborough, California 94010-6547

December 2007

Project No. 11037.001

Geomatrix

Geomatrix

SUBSURFACE INVESTIGATION
SUMMARY REPORT
2301-2307 Lincoln Avenue
Alameda, California

18 December 2007
Project 11037.001

This report was prepared by the professional staff of Geomatrix Consultants, Inc., under the supervision of the Senior Geologist whose seal and signature appears herein. The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

Avery Patton
Staff Geologist

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Project Scientist

Robert W. Schultz, CHG #833
Senior Geologist

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Alameda, California

1.0 INTRODUCTION

This report presents the results of a subsurface investigation consisting of soil and groundwater sampling and monitoring well installation activities, completed in August 2007 at the 2301-2307 Lincoln Avenue property in Alameda, California (the Site, Figure 1). Geomatrix Consultants, Inc. (Geomatrix) performed this investigation on behalf of Allan Sebanc to evaluate potential impacts from former USTs previously operated at the Site.

1.1 PURPOSE

The objectives of this subsurface investigation were to: 1) investigate petroleum hydrocarbons and related constituents in soil and groundwater beneath an area of the site previously occupied by an underground storage tank (UST) system that operated between the 1920s and 1970s (the western tank area); and 2) perform an initial assessment of an area of the site previously occupied by a UST system that operated between the 1970s and 1984 (the eastern tank area).

1.2 SCOPE OF WORK

The subsurface investigation and monitoring well installation and sampling was completed between August 15 and 24, 2007 and was conducted in accordance with the March 14, 2007 *Revised Workplan and Cost Estimate for Additional Soil and Groundwater Investigation, Former UST Area Assessment and Geophysical Surveys* (*Work Plan*; Geomatrix, 2007). The scope of work included the following:

- Review of historical reports and plans associated with the Site;
- Collection of soil and grab groundwater samples at the Site;
- Installation of three monitoring wells;
- Gauging and sampling of the new monitoring wells; and
- Comparison of all analytical data to applicable screening criteria.

2.0 BACKGROUND INFORMATION

The following sections discuss regional and site geology and provide a description of historical investigations performed at the Site.

2.1 SITE DESCRIPTION

The Site (Figure 2) consists of a parcel approximately 150 feet long by 140 feet wide. A 7-11 store, a dry cleaners (with no on-site dry-cleaning operations), and a laundromat are located within the building that occupies the northern portion of the Site. The remainder of the Site consists of an asphalt-paved parking lot and landscaped areas.

2.2 REGIONAL AND SITE GEOLOGY AND HYDROGEOLOGY

The Site, on the island of Alameda, is located approximately 0.5 mile west of the alluvial plain that lies between the East Bay Hills to the east and the San Francisco Bay to the west. Streams that drained the hills throughout the recent geologic past have meandered across the plain, forming the alluvial plains. Sand and gravel was deposited on the slopes and near the base of the hills while finer-grained materials were deposited westward to San Francisco Bay (Helley et al., 1979).

The island of Alameda is composed of dune sands in the central and eastern portions (the original island), and artificial fill to the west and at the southern perimeter (expanding the island in the mid-1900s). The Site is located within the footprint of the original island and subsurface deposits consist of fine to medium sands up to 60 feet thick (Figuers, 1998). These sands likely were deposited during the late Pleistocene to early Holocene drop then rise in sea level, during which large volumes of fluvial and glacially derived sediment were blown into dunes (Knudsen et al., 1997).

The present day elevation at the Site is approximately 28 to 30 feet above mean sea level. Depth to groundwater has been reported between approximately 6 and 10 feet below ground surface in shallow monitoring wells installed at neighboring properties within one-eighth mile to the south and east of the Site. Groundwater flow direction at these properties appear to vary, flowing to the northeast, east, southeast, and south. The regional groundwater flow is assumed to be to the east or northeast toward the Oakland Estuary.

2.3 UST HISTORY

Geomatrix reviewed previous investigation documents (Basics, 1999 and Toxichem, 2000), and procured Sanborn Fire Insurance maps, aerial photographs of the Site, and a 1982 County of Alameda plan for the Site prepared by Michael J. Majors Civil Engineering, Inc. (Majors), to determine the Site's history. The Sanborn Fire Insurance maps, aerial photographs and Majors site plan are included in Appendix A. These documents indicate that the Site formerly operated as a fueling station from the 1920s to 1982, during which time two generations of Site buildings and USTs (identified herein as the western and eastern USTs) were present.

The western tanks were installed in the 1920s, and were associated with a fueling station that operated on the southwestern portion of the Site (herein referred to as the western tank area). From this time until sometime between 1950 and 1965, the eastern and northern portions of the Site were occupied by buildings that do not appear related to the fueling station.

Aerial photos and the Majors site plan show that some time between 1950 and 1965, the original fueling station in the southwestern corner of the Site was demolished and another fueling station was constructed, which occupied the entire Site. Toxichem Management Systems, Inc. (Toxichem) indicated that the western USTs were replaced in 1970; however, the structures shown on the 1982 Majors plan (depicting the second generation fueling station at the Site) are visible in a 1965 aerial photograph (Toxichem, 2000). The tanks in the eastern portion of the Site, and the associated pump islands in the center of the Site, are collectively referred to herein as the eastern tank area. The eastern USTs (one 8,000-gallon, two 2,000-gallon, and one 1,000-gallon) were removed in June 1982, when the Site was redeveloped into a retail center, as it exists currently.

Previous investigations and associated reports appear to have been focused on the western tank area, and did not identify the eastern tank area shown on the Majors 1982 site plan.

2.4 PREVIOUS INVESTIGATIONS

A Phase II investigation was performed at the Site in 1999 by Basics Environmental (Basics, 1999) in the vicinity of the western tank area. In July 1999, Basics Environmental detected petroleum constituents in soil and groundwater samples collected from the Site (Basics, 1999). Basics' sample locations are shown on Figure 2.

Toxichem performed a Phase I site assessment for the Site in 2000. Toxichem stated in their May 1, 2000 report that the petroleum constituents detected by Basics originated from an off site source.

While two sets of USTs reportedly have been removed from the Site, no post-tank-removal soil analytical data appear to have been collected.

3.0 FIELD INVESTIGATION

Geomatrix conducted a subsurface investigation at the Site between August 15 and 24, 2007. The work included: 1) soil sampling in the western and eastern tank areas, 2) grab groundwater sampling in the eastern tank area, 3) attempting to drill a borehole in the location of the former oil sump, and 4) well installation, well development, and groundwater gauging and sampling.

3.1 PREPARATORY ACTIVITIES

Prior to initiating any subsurface field activities at the Site, Geomatrix performed the following: 1) marked each boring location and the site boundaries and notified Underground Services Alert (Ticket #2994969), a regional subsurface utility notification service, at least two business days in advance of work, in accordance with California law; 2) acquired the necessary drilling permits from Alameda County Public Works Agency (ACPWA) (Well Permit numbers W2007-0884 to W2007-0887; Appendix A); 3) prepared a site-specific health and safety plan; and 4) coordinated with the client for Site access.

3.2 SOIL SAMPLING

This section describes soil sampling activities for the western and eastern tank areas. Geomatrix advanced:

- Six borings to a total depth of 13 to 18 feet below ground surface (bgs) (borings EB-1 through EB-6) to assess the potential for a release to have occurred in the area of the former eastern UST pit;

- Three borings to a total depth of 13 to 18 feet bgs to further evaluate soil in the area of the western tank area and to install monitoring wells MW-1 through MW-3; and

- Four borings to a total depth of 2 to 3 feet bgs (borings EB-8 through EB-11) to assess the potential for a release to have occurred in the area of the former eastern fueling dispensers.

In addition, Geomatrix attempted to advance a soil boring inside the current site building in the location of a former oil sump; however, the area was not accessible due to tenant operations. A total of 23 soil samples were collected for laboratory analysis from the 12 soil borings at depths ranging from 2 to 14.5 feet bgs. Sampling depths are presented on the boring logs in Appendix B.

Geomatrix collected soil samples for chemical analysis from borings advanced in the western tank area (MW-1, MW-2, and MW-3) based on visual observations and photo ionization detector (PID) readings of the soil core; the objective was to vertically delineate the extent of petroleum impacts in the soil core, if any were observed. If no obvious impacts were present, a soil sample was collected at the soil-groundwater interface. At a minimum, two soil samples were collected from each boring advanced in the eastern tank area: one at the soil groundwater interface and one at the base of the former tank pit, as determined in the field. Additional soil samples were collected if visual and/or PID readings indicated petroleum impacted soils within the soil cores. Geomatrix collected no soil samples from boring MW-3 because the encountered lithology resulted in inadequate recovery.

Vironex, Inc., of Pacheco, California, a California-licensed drilling contractor, advanced the borings using a hydraulically powered Geoprobe 6600 direct-push drill rig, under the oversight of a California-registered geologist. All borings initially were advanced to a shallow depth using a hand auger (approximately 3 to 5 feet bgs). Borings MW-1 through MW-3 and EB-1 through EB-6 were advanced further using a dual-tube, direct-push sampling system (Geoprobe DT21 or Geoprobe DT22). This drilling technology utilizes an outer drive casing to maintain borehole stability and limit the potential for cross-contamination of soil and grab groundwater samples. Continuous soil cores were collected with the dual-tube direct-push technology sampling system's inner sample barrel as it was simultaneously driven with the outer drive casing.

A lithologic description of each boring was recorded on a boring log using the visual-manual procedures of American Society of Testing and Materials Standard D2488-00, based on the Unified Soil Classification System, for guidance. The description includes the soil type, grain sizes and estimated percentages of each, moisture content, color according to the Munsell color

charts (Kollmorgen Instruments Corp.), plasticity for fine-grained materials, consistency, and other pertinent information. Recovered soil was screened for the presence of organic vapors using a photo-ion detector (PID).

Soil samples collected for volatile chemicals were preserved in the field using United States Environmental Protection Agency (U.S. EPA) Method 5035, using appropriate laboratory-supplied sampling equipment and containers. All soil samples for non-volatile analysis were collected in new, clean butyrate liners. Immediately following sample collection, the ends of the liner containing the sample were sealed using Teflon® sheeting, plastic end caps, and silicone tape. Each soil sample was labeled, sealed in a plastic bag, and placed in an ice-cooled chest prior to delivery to the analytical laboratory under Geomatrix chain-of-custody procedures.

3.3 GRAB GROUNDWATER SAMPLING

Two grab groundwater samples were collected for chemical analysis from temporary borings in the eastern tank area (EB-1 and EB-4; Figure 2). To allow for collection of a depth-discrete grab groundwater sample, each boring was advanced 4 to 5 feet below the depth at which the water table was first observed in the soil core to allow for sufficient groundwater to enter the boring. Temporary 1-inch-diameter polyvinyl chloride (PVC) casing (1-inch OD Sch. 40 PVC) with 5 feet of 0.010-inch factory-slotted screen was placed inside each borehole; temporary wells were screened from 10 to 15 feet bgs. The drive casing then was retracted from the bottom of the boring to 10 feet bgs to allow groundwater to infiltrate the PVC casing while maintaining a surface seal. Grab groundwater samples were collected through the PVC casing using new, clean, polyethylene tubing fitted with a pre-cleaned check valve. Groundwater was decanted directly into sample bottles provided by the analytical laboratory. Sample bottles were labeled, sealed in plastic bags, and stored in an ice-cooled chest prior to delivery to the analytical laboratory under Geomatrix chain-of-custody procedures.

Following completion of sample collection, boreholes were backfilled with Type I-II neat cement grout from total depth to ground surface using a tremie pipe, in accordance with ACPWA requirements. Borings were completed at ground surface with concrete patch to match surrounding materials.

3.4 MONITORING WELL INSTALLATION

After three borings (MW-1 through MW-3) were advanced to the total desired depth (approximately 13 feet bgs), monitoring wells were installed and constructed inside the

boreholes in accordance with ACPWA permit requirements. The wells were constructed using a 1-inch-diameter temporary PVC blank casing fitted to a GeoInsight™ pre-pack well screen. Each well screen consists of a 5-foot-long, 0.01-inch-slot-size well screen inside of an approximately 3-inch-diameter stainless steel screen filled with filter pack sand. The pre-pack well screen and blank PVC were placed in the borehole inside the outer drive casing. To fill in the annular space around the pre-pack well screen, additional #2/16 filter pack sand was added outside the pre-pack well screen, as necessary, through the drive casing. An approximately 1.5- to 3.5-foot-thick transition seal of hydrated bentonite pellets was added through the drive casing, hydrated in six-inch lifts. Neat cement grout was added with a tremie pipe from the top of the transition seal to the ground surface. A flush-mounted traffic-rated well box was installed at the ground surface. Monitoring well installation details were recorded on well construction logs, which are presented in Appendix B.

3.5 MONITORING WELL DEVELOPMENT

Monitoring wells (MW-1, MW-2, and MW-3) were developed at least 72 hours after installation using a peristaltic pump with new down-hole polyethylene tubing. Wells were purged using a flow rate of 0.5 gallons per minute or less. Water quality parameters (i.e., pH, temperature, and specific conductance) were measured with a YSI 556 MPS water quality probe that was attached to a flow-through cell. Turbidity was measured with a LeiMotte 2008 turbidity meter. Where possible, each well was purged until at least four casing volumes were removed, and until water quality parameters stabilized to within 10 percent of previous readings.

Kister, Savio & Rei, Inc., of Richmond, California, a California-licensed surveyor, surveyed each monitoring well for both elevation and horizontal positions in a format compatible with the State Water Resources Control Board's Geographic Environmental Information Management System database (GeoTracker).

Purge water was containerized in a labeled 55-gallon drum also containing decontamination water generated during drilling and sampling activities.

3.6 MONITORING WELL SAMPLING

Water levels were recorded and groundwater samples were collected from the three monitoring wells (designated MW-1 through MW-3) at least 72 hours after development. Prior to sample collection, each well was purged using a peristaltic pump and dedicated down-hole polyethylene tubing was placed in the middle of the well screen (eg. 12.5 feet bgs) in

accordance with low-flow micro purge sampling protocols (Puls & Barcelona, 1996). Wells were purged at a low-flow rate
(between 200 to 500 milliliters/minute) until water quality parameters (i.e., pH, temperature, specific conductance, and turbidity) stabilized to within 10 percent of previous readings. Purge water was containerized in a labeled 55-gallon drum. Water quality parameters were measured intermittently during purging and immediately prior to sampling using an YSI 556 MPS water quality meter. Measured water quality parameters and turbidity observations were recorded on field data sheets, which are presented in Appendix C.

Following purging, groundwater samples were collected in laboratory-supplied sample containers directly from the discharge tubing connected to the pump. All samples were placed in an ice-chilled chest prior to delivery to the analytical laboratory under chain-of-custody procedures.

3.7 INVESTIGATION-DERIVED WASTE

As mentioned above, investigation derived waste (IDW) generated as part of this investigation (i.e., soil cuttings, purge water, equipment wash water) was containerized according to media (i.e., soil, water) in separate 55-gallon steel drums. Each IDW drum was labeled and temporarily stored at the Site pending analysis and proper disposal.

4.0 LABORATORY ANALYSIS AND REVIEW

All collected soil and groundwater samples were analyzed by Curtis & Tompkins, Ltd., of Berkeley, California, a California Department of Public Health-certified analytical laboratory for the following constituents (unless otherwise noted below):

- Total petroleum hydrocarbons quantified as gasoline (TPHg) using U.S. EPA Method 8015 modified.
- Selected volatile organic compounds (VOCs) using U.S. EPA Method 8260b. Specific VOCs included benzene, toluene, ethylbenzene, and total xylenes (BTEX, collectively); methyl tert-butyl ethene (MTBE); four fuel oxygenates [tert-amyl methyl ether (TAME), diisopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), tert-butyl alcohol (TBA)]; and two fuel additives [1,2-dibromo ethane (EDB) and 1,2-dichloroethane (1,2-DCA)].
- Soil samples collected from the eastern tank area (EB-1 through EB-6) and the associated former pump islands (EB-8 through EB-11) were analyzed for lead using U.S. EPA Method 6010.

Laboratory analytical reports and chain-of-custody documentation are presented in Appendix D.

Geomatrix performed a laboratory data quality review following the U.S. EPA National Functional Guidelines for Organic Data Review (U.S. EPA, 1999) and the U.S. EPA National Functional Guidelines for Inorganic Data Review (U.S. EPA, 2002; National Functional Guidelines). This review included an evaluation of laboratory quality assurance and quality control (QA/QC) procedures, such as method blank analyses, surrogate recoveries, and laboratory control spikes and duplicate spikes. A summary of the quality review is provided below.

Surrogates used in the TPHg analysis were detected above the control limits in samples MW-1-8.5, MW-1-12.0, MW-2-10.5, EB-2-9.0, EB-2-13, EB-3-11.8, EB-4-6.5, EB-4-13.0, and EB-6-14.0. In accordance with the National Functional Guidelines, detected concentrations in affected samples are qualified with "J," indicating that the analyte was positively identified, but the associated numerical value is the approximate concentration of the analyte in the sample. Surrogates used in the TPHg analysis also were detected below control limits in samples MW-1-3.0 and EB-4-10.2. Detected concentrations in affected samples are qualified with "J". Non-detected concentrations in affected samples are qualified with "UJ," indicating that the analyte was not detected above the reported sample quantitation limit, but the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. The affected data are noted in Table 1.

Two samples (EB-8-1.5 and EB-9-2.0) were analyzed several days past the recommended hold time. In accordance with the National Functional Guidelines, non-detected concentrations of VOCs were qualified with "UJ." The affected data are noted in Table 1.

The analytical laboratory made several comments in the case narrative regarding chromatographic patterns not matching the TPHg standard. The lab noted that heavier hydrocarbons contributed to the quantitation of TPHg in soil sample MW-2-10.5, and the sample exhibited a chromatographic pattern that did not resemble the standard. The concentration of TPHg reported in this sample was qualified with "J." The affected data are noted in Table 1. The lab noted that soil sample EB-11-2.0 exhibited an unknown single peak or peaks, and its chromatographic pattern also did not resemble the standard. The TPHg result in this was qualified with a U," and the detection limit was raised to the value detected in the

sample. The affected data is noted in Table 1. Finally, the lab noted that heavier and lighter hydrocarbons contributed to the quantification of the TPHg concentration in groundwater samples collected from (MW-1-082407 and MW-10-082407), and its chromatographic pattern did not resemble the standard. The TPHg concentrations in these samples have been qualified with "J."

No other data quality issues were identified as outside laboratory acceptance criteria.

5.0 RESULTS

Field observations were documented during the investigation and chemical results were provided by the analytical laboratory. The field observations and a comparison of the laboratory analytical results to applicable screening values were used to evaluate the data.

5.1 DRILLING OBSERVATIONS AND WELL GAUGING RESULTS

An asphaltic-concrete surface approximately 4 inches thick was present at all boring locations except at location MW-1, which was placed in a grass landscaped area. Subsurface materials observed in the borings include: aggregate base from beneath the asphaltic concrete to approximately 1 to 2 feet bgs, underlain by sand with varying amounts of silt and gravel to the total depth of each boring.

Wet soil was first observed in the soil core at depths ranging from 8.75 to 10.25 feet bgs. Water levels rose to approximately 9 to 11 feet bgs in temporary well casings within approximately 30 minutes. After the monitoring wells were developed, water levels were measured at depths ranging from 8.47 to 10.57 feet bgs. The groundwater flow direction for the Site was calculated to be to the east-northeast. Groundwater elevations are summarized in Table 1 and presented on Figure 4.

Visual and PID observations indicated that petroleum-impacted material is generally present from approximately 7.5 to 11.5 feet bgs in vicinity of MW-1 in the western tank area. No impacts were observed in soil cores collected from borings MW-2 and MW-3.

Petroleum impacts were observed in all eastern tank area borings, with the exception of EB-4. Where impacts were observed, they were first encountered at depths of 3.5 to 6.5 feet bgs and extended to a depth of approximately 11 feet bgs. No impacts were observed in soil from the shallow borings in the vicinity of the pump islands associated with the eastern tank area (i.e., borings EB-8 through EB-11).

These observations are recorded on boring logs presented in Appendix B.

5.2 LABORATORY ANALYTICAL RESULTS

The analytical results for soil and grab groundwater samples are summarized in Tables 2 through 4. Figures 3 and 4 present the soil and groundwater samples analytical results. The laboratory reported the results for solid samples in wet-weight format. A summary of the results and comparison to relevant evaluation criteria is provided in the following sections.

5.3 COMPARISON OF RESULTS TO ENVIRONMENTAL SCREENING LEVELS

To assess whether any of the chemicals detected in samples collected at the Site are present at concentrations of potential concern, Geomatrix compared the analytical results to environmental and health-based risk criteria, as discussed below. The objective of this comparison was to perform a preliminary screening of the risk to human health and the environment posed by the detected concentrations of petroleum hydrocarbons and lead. As described in this report, the extent of the detected chemicals in the subsurface has not been fully defined. Further, under the existing land use controls, it is conceivable that site use could change in the future. The comparison below is solely intended to evaluate the presently available data in the context of the current site use.

5.3.1 Description of Water Board Environmental Screening Levels

The San Francisco Bay Regional Water Quality Control Board (Water Board) Environmental Screening Levels (ESLs) are conservative screening levels that correspond to an acceptable risk level and reflect varying combinations of site characteristics including both residential and industrial land uses. In addition, the ESLs address different potential exposure pathways including direct human exposure (e.g., soil ingestion, dermal contact, inhalation of volatiles or particulates in ambient air), indoor air exposure, migration of chemicals in groundwater to surface water, leaching of chemicals in soil to groundwater, exposure by terrestrial ecological receptors in urban areas, and nuisance concerns (e.g., odors and taste). The lowest of the pathway-specific screening levels is selected as the ESL, ensuring that all pathways are adequately protected. Thus, the ESLs are designed to be protective of human health and ecological receptors. Concentrations of chemicals detected below corresponding ESLs can be assumed to not pose a significant threat to human health and the environment. Conversely, an exceedance of the corresponding ESL does not necessarily indicate that adverse health effects will occur but suggests that additional evaluation of the potential risks is warranted.

5.3.2 Exposure Pathways and Site Use

The Water Board has determined ESLs for various exposure pathways. Based on current site use, specific ESLs were chosen for comparison to soil and groundwater data, and are discussed below.

Soil: Chemical concentrations in soil samples from the Site were compared with shallow soil ESLs (less than 3 meters bgs) for commercial/industrial sites, where potentially impacted groundwater is not a current or potential drinking water resource (Table B-2; Water Board, 2003). Non-drinking water ESLs were chosen because the current site use does not include the use of groundwater as a drinking water source. Furthermore, the chemicals detected in groundwater at the Site (i.e., TPHg, BTEX) are known to naturally attenuate and, in many situations, do not migrate significantly from their source (Rice et. al, 1995). As stated above, selection on non-drinking water ESLs reflects current site use only. The Water Board considers groundwater at the Site a potential municipal supply.

Groundwater: Chemical concentrations in groundwater samples from the Site were compared with two ESLs: 1) for evaluation of potential vapor intrusion concerns at commercial/industrial sites (Table E1-a; Water Board, 2003); and 2) for gross/ceiling contamination concerns assuming groundwater is not a current or potential drinking water resource (Table F1-b; Water Board, 2003). The Water Board considers groundwater at the Site a potential municipal supply; Geomatrix chose this ESL because our objective is to evaluate risk under the current site use. ESLs for the evaluation of potential vapor intrusion concerns were chosen because several businesses are in operation at the Site. While groundwater analytical data do not indicate that chemicals are migrating beneath Site buildings, comparing data to vapor intrusion ESLs is a conservative approach. The justification for using ESLs for which groundwater is not a drinking water source is discussed above, in Section 4.3.2.1.

5.3.3 Comparison of Soil Analytical Results to ESLs

A total of 23 soil samples were analyzed from 12 soil borings (MW-1, MW-2, EB-1 through EB-6, EB-8 through EB-11) from sample depths between 2 and 14.5 feet bgs. Results and sampling depths are summarized in Tables 1 and 2 and on Figure 3. The results for the western and eastern tank areas are summarized separately below.

Western Tank Area. Soil samples were collected from borings MW-1 and MW-2. No soil was retained for analysis from boring MW-3 due to poor recovery of soil while advancing the direct-push technology rods. TPHg was detected at concentrations ranging from 2.4 to 1,600

milligrams per kilogram (mg/kg). The commercial ESL for TPHg (100 mg/kg) was exceeded in only one sample: MW-1-8.5 (1,600 mg/kg).

No other chemicals were detected in samples collected from locations MW-1 or MW-2.

Eastern Tank and Pump Islands Area. Soil samples were collected from borings EB-1 through EB-6 (eastern tank area) and EB-8 through EB-11 (pump islands associated with the eastern tank area). TPHg, benzene, ethylbenzene, xylenes and lead were detected at concentrations ranging from 2.4 to 470 mg/kg, 0.44 to 0.99 mg/kg, 1.8 to 100 mg/kg, 1.0 to 1.1 mg/kg, and 1.2 to 550 mg/kg, respectively. These chemicals were detected at depths of 9 to 10.5 feet.

- The commercial ESL for TPHg (100 mg/kg) was exceeded in only one sample: EB-1-10.5 (470 mg/kg).

- The commercial ESL for benzene (0.120 mg/kg) was exceeded in two soil samples: EB-2-9.0 (0.44 mg/kg) and EB-3-9.0 (0.99 mg/kg).

- The commercial ESL for ethylbenzene (33 mg/kg) was exceeded in only one sample: EB-1-10.5 (100 mg/kg).

- The commercial ESL for lead (260 mg/kg) was exceeded in only one sample: EB-10-2.0 (550 mg/kg).

No other detected concentrations exceeded their corresponding commercial ESL.

5.3.4 Comparison of Groundwater Analytical Results to ESLs

Groundwater sample results are presented in Table 3. The results for the western and eastern tank areas are summarized separately below.

Western Tank Area. Groundwater samples were collected from wells MW-1 through MW-3. TPHg, benzene, and ethylbenzene only were detected in the sample collected from MW-1. Toluene only was detected in the sample collected from MW-2. TPHg, benzene, toluene, and ethylbenzene were detected at concentrations of 4,100 micrograms per liter (µg/L), 3.1 µg/L, 1.5 µg/L, and 0.5 µg/L, respectively. None of these concentrations exceed the commercial ESLs for groundwater. No other chemicals were detected in the western tank area samples.

Eastern Tank and Pump Islands Area. Grab groundwater samples were collected from temporary wells EB-1 and EB-4. No chemicals were detected in the sample collected from EB-4. TPHg, benzene, ethylbenzene, toluene and total xylenes were detected at concentrations of 7,000 µg/L, 980 µg/L, 490 µg/L, 11 µg/L, and 19 µg/L, respectively. The most conservative applicable commercial ESLs (gross/ceiling)for groundwater were exceeded for TPHg (500 µg/L), benzene (540 µg/L), and ethylbenzene (300 µg/L).

5.4 SUMMARY OF FINDINGS

The following summary is based on the subsurface investigation results summarized in the preceding sections. This section summarizes the findings for the western and eastern tank areas separately below:

Western Tank Area:

- Visual and PID observations made during drilling indicate the presence of petroleum-impacted soil at depths ranging from 7.5 to 11.5 feet bgs in the vicinity of MW-1. No impacts were observed at MW-2 and MW-3.
- TPHg was detected in soil at a concentration exceeding its commercial ESL at a depth of 8.5 feet bgs in boring MW-1 but was not detected above its commercial ESL in a sample from 12 feet bgs, indicating that the vertical extent of affected soil has been delineated at this location..
- No other detected chemicals in soil or groundwater exceeded the evaluation criteria.
- The horizontal extent of petroleum–impacted soil has been delineated to the north and east, however the horizontal extent of petroleum-impacted soil to the west and south of MW-1 has not yet been delineated.
- Petroleum-related constituents detected in groundwater collected from well MW-1 are consistent with previous findings reported for boring SB-3 from Basics 1999 Phase II investigation conducted at the site and concentrations are below commercial ESLs.

Eastern Tank and Pump Islands Area:

- Visual and PID observations made during drilling indicate the presence of petroleum-impacted soil at depths ranging from 9 to 10.5 feet bgs.
- TPHg, benzene, and ethylbenzene were detected in soil at concentrations exceeding their commercial ESL in samples collected from depths ranging from 9 to 10.5 feet bgs at three boring locations (EB-1 through EB-3). However these

constituents were not detected above their commercial ESLs in deeper samples collected between 12 and 14 feet bgs, indicating that the vertical extent of affected soil has been delineated in this area..

- Lead was detected in soil at a concentration exceeding its commercial ESL at a depth of 2.0 feet bgs at one location.
- TPHg, benzene, and ethylbenzene were detected in groundwater at concentrations exceeding their commercial ESLs at location EB-1.
- No other detected chemicals in soil or groundwater exceeded the evaluation criteria.
- The horizontal extents of petroleum-impacted soil and groundwater have been delineated to the west and south; however, the horizontal extent of petroleum impacts to soil and groundwater have not been delineated to the north and east of boring EB-1.

6.0 RECOMMENDATIONS

Geomatrix recommends that the appropriate responsible party prepare a workplan for soil and groundwater investigation to address the following data gaps:

- The extent of petroleum-impacted soil and groundwater is undefined to the south and west of the western tank area.
- The extent of petroleum-impacted soil and groundwater is undefined to the north and east of the eastern tank area.

In addition, further address of lead-impacted soil at 2 ft bgs in boring EB-10, and a soil vapor assessment to further evaluate the potential for petroleum hydrocarbon vapors to migrate from soil or groundwater into indoor air appear necessary to evaluate risk to human health and the environment.

7.0 REFERENCES

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TABLES

Geomatrix

TABLE 1

WELL CONSTRUCTION DETAILS AND DEPTH TO WATER MEASUREMENTS[1]

2301 - 2307 Lincoln Avenue
Alameda, California

Well Name	Measuring Point Elevation[2]	Total Depth of Well (feet)	Screen Interval (ft bgs)[3]	Casing Diameter (inches)	Date Measured	Depth to Water (feet below TOC)[4]	Water Level Elevation (ft MSL)
MW-1	28.61	18.88	7.3 - 12.1	1	8/24/2007	8.37	20.24
MW-2	28.94	19.02	8.3 - 12.9	1	8/24/2007	9.26	19.68
MW-3	28.39	18.88	7.5 - 12.2	1	8/24/2007	8.40	19.99

Notes:

1. Monitoring wells installed on August 15, 2007 by Vironex, Inc., of Pacheco California.
2. Measuring point elevation based on the National Geodetic Vertical Datum 1988.
3. ft bgs = feet below ground surface.
4. ft below TOC = feet below top of casing.
5. ft MSL = feet mean sea level.

Geomatrix

TABLE 2

SOIL SAMPLE RESULTS - VOCs AND TPHg[1]

2301-2307 Lincoln Ave.

Alameda, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Sample Depth (feet bgs)	Sample Date	TPHg (C7-C12)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Methyl tert-Butyl Ether (MTBE)	tert-Butyl Alcohol (TBA)	Isopropyl Ether (DIPE)	Ethyl tert-Butyl Ether (ETBE)	Methyl tert-Amyl Ether (TAME)	1,2-Dibromo-ethane	1,2-Dichloro-ethane
Western Tank Area														
MW-1-3.0	3.0	8/15/2007	<0.18 UJ[2]	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.085	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
MW-1-8.5	8.5	8/15/2007	1,600 J[3]	<2.0	<2.0	<2.0	<4.0	<2.0	<40	<2.0	<2.1	<2.2	<2.3	<2.0
MW-1-12.0	12.0	8/15/2007	2.4 J	<0.0037	<0.0037	<0.0037	<0.0074	<0.0037	<0.075	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037
MW-1-14.5	14.5	8/15/2007	<0.160	<0.0052	<0.0052	<0.0052	<0.01	<0.0052	<0.1	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052
MW-2-10.5	10.5	8/15/2007	5.0 J	<0.004	<0.004	<0.004	<0.008	<0.004	<0.079	<0.004	<0.004	<0.004	<0.004	<0.004
Eastern Tank Area and Pump Islands														
EB-1-10.5	10.5	8/16/2007	470	<6.6	<6.6	100	<13.2	<6.6	<130	<6.6	<6.6	<6.6	<6.6	<6.6
EB-1-14.0	14.0	8/16/2007	<0.820	<0.004	<0.004	<0.004	<0.008	<0.004	<0.081	<0.004	<0.004	<0.004	<0.004	<0.004
EB-2-9.0	9.0	8/16/2007	24 J	0.44	<0.270	3.7	<0.540	<0.0045	<0.091	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
EB-2-13	13.0	8/16/2007	<0.150	<0.0045	<0.0045	<0.0045	<0.009	<0.27	<5.3	<0.27	<0.27	<0.27	<0.27	<0.27
EB-3-9.0	9.0	8/16/2007	68	0.99	<0.73	12	1.0	<0.73	<15	<0.73	<0.73	<0.73	<0.73	<0.73
EB-3-11.8	11.8	8/16/2007	<0.180	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.085	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
EB-4-6.5	6.5	8/16/2007	<0.190	<0.0043	<0.0043	<0.0043	<0.0086	<0.0043	<0.086	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043
EB-4-10.2	10.2	8/16/2007	<0.180 UJ	<0.0045	<0.0045	<0.0045	<0.009	<0.0045	<0.091	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
EB-4-13.0	13.0	8/16/2007	<0.160	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041
EB-5-2.5	2.5	8/16/2007	<0.180	<0.0071	<0.0071	<0.0071	<0.014	<0.0045	<0.089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
EB-5-9.0	9.0	8/16/2007	2.4	<0.210	<0.210	3.7	1.1	<0.0071	<0.14	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071
EB-5-12.5	12.5	8/16/2007	<1.1	<0.0045	<0.0045	<0.0045	<0.0090	<0.21	<4.2	<0.21	<0.21	<0.21	<0.21	<0.21
EB-6-9.5	9.5	8/16/2007	4.3	<0.12	<0.12	1.8	<0.24	<0.12	<2.4	<0.12	<0.12	<0.12	<0.12	<0.12
EB-6-14.0	14.0	8/16/2007	<0.180	<0.0036	<0.0036	<0.0036	<0.007	<0.0036	<0.072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036
EB-8-1.5	1.5	8/15/2007	<0.980 UJ	<0.0049 UJ	<0.0049 UJ	<0.0049 UJ	<0.0098 UJ	<0.020 UJ	<0.091 UJ	<0.0045 UJ	<0.0045 UJ	<0.0045 UJ	<0.0045 UJ	<0.0045 UJ
EB-9-2.0	2.0	8/15/2007	<0.960 UJ	<0.0048 UJ	<0.0048 UJ	<0.0048 UJ	<0.0096 UJ	<0.019 UJ	<0.093 UJ	<0.0046 UJ	<0.0046 UJ	<0.0046 UJ	<0.0046 UJ	<0.0046 UJ
EB-10-2.0	2.0	8/16/2007	<1.5	<0.0051	<0.0051	<0.0051	<0.012	<0.0051	<0.1	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
EB-11-2.0	2.0	8/16/2007	<1.2U[4]	<0.0048	<0.0048	<0.0048	<0.096	<0.0048	<0.096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048
Commercial ESL[5]			100	0.120	29	33	31	8.4	310	--[6]	--	--	0.019	0.22

Notes:

1. Samples analyzed by Curtis & Tompkins, Ltd., for TPHg using U.S. EPA Method 8015M and for BTEX and fuel oxygenates and additives using U.S. EPA Method 8260B
2. "UJ" indicates the analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitiation necessary to accurately and precisely measure the analyte in the sample.
3. "J" indicates the analyte was positively identified; the associated numerical value is the approxiamte concentration of the analyte in the sampl
4. "U" indicates the analyte was analyzed for, but was not detected above the reported sample quantitation limit
5. Water Board, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table B-2- Final ESL, Shallow soil screening levels (less than 3 meters bgs) for commercial/industrial land use, where potentially impacted groundwater is not a current or potential drinking water resource), July (updated November 2007).
6. "--" indicates an ESL has not been established for this constituent

Abbreviations:

TPHg = total petroleum hydrocarbons quantified as gasoline

VOCs = volatile organic compounds

ESL = environmental screening level

Geomatrix

TABLE 3

SOIL SAMPLE RESULTS - LEAD[1]

2301-2307 Lincoln Ave.
Alameda, California

Concentrations in miligrams per kilogram (mg/kg)

Sample ID	Sample Depth (feet bgs)	Sample Date	Lead
Eastern Tank Area and Pump Islands			
EB-1-10.5	10.5	8/16/2007	4.5
EB-1-14.0	14.0	8/16/2007	1.4
EB-2-9.0	9.0	8/16/2007	21
EB-2-13	13.0	8/16/2007	1.2
EB-3-9.0	9.0	8/16/2007	2
EB-3-11.8	11.8	8/16/2007	1.8
EB-4-6.5	6.5	8/16/2007	2.3
EB-4-10.2	10.2	8/16/2007	1.8
EB-4-13.0	13.0	8/16/2007	1.7
EB-5-2.5	2.5	8/16/2007	48
EB-5-9.0	9.0	8/16/2007	2.6
EB-5-12.5	12.5	8/16/2007	1.5
EB-6-9.5	9.5	8/16/2007	2.5
EB-6-14.0	14.0	8/16/2007	2
EB-8-1.5	1.5	8/15/2007	40
EB-9-2.0	2.0	8/15/2007	2
EB-10-2.0	2.0	8/16/2007	550
EB-11-2.0	2.0	8/16/2007	3.3
Commercial ESL[2]			260

Notes:

1. Samples analyzed for total lead by Curtis & Tompkins, Ltd., using U.S. EPA Method 6010B.
2. Water Board, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table B-2-Final ESL, Shallow soil screening levels (less than 3 meters bgs) for commercial/industrial land use, where potentially impacted groundwater is not a current or potential drinking water resource), July (updated November 2007).

Abbreviation:

ESL = environmental screening level

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TABLE 4

GROUNDWATER SAMPLE RESULTS - VOCs AND TPHg[1]

2301-2307 Lincoln Ave.
Alameda, California

Concentrations in micrograms per liter (µg/L)

Sample ID	Sample Date	TPHg (C7-C12)	Benzene	Ethyl-benzene	Toluene	Total Xylenes	Methyl tert-Butyl Ether (MTBE)	tert-Butyl Alcohol (TBA)	Isopropyl Ether (DIPE)	Ethyl tert-Butyl Ether (ETBE)	Methyl tert-Amyl Ether (TAME)	1,2-Dibromo-ethane	1,2-Dichloro-ethane
Groundwater Samples from Wells in Western Tank Area													
MW-1-082407	8/24/2007	4,100 J[2]	3.0	1.5	<0.5	<1.0	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10-082407[3]	8/24/2007	3,500 J	3.1	1.3	<0.5	<1.0	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5
MW-2-082407	8/24/2007	<50	<0.5	<0.5	0.5	<1.0	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3-082407	8/24/2007	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5
Grab Groundwater Samples from Temporary Borings in Eastern Tank Area													
EB-1-081607	8/16/2007	7,000	980	490	11	19	<5	<100	<5	<5	<5	<5	<5
EB-4-081607	8/16/2007	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5
Vapor Intrusion Commerical ESLs[4]		--[6]	1,800	170,000	530,000	160,000	24,000	--	--	--	--	510	690
Commerical ESLs (Gross)[5]		5,000	20,000	300	400	5,300	1,800	50,000	--	--	--	50,000	50,000

Notes:

1. Samples analyzed by Curtis & Tompkins, Ltd. for TPHg using U.S. EPA Method 8015M and for select VOCs (BTEX, fuel oxygenates, and fuel additives) using U.S. EPA Method 8260B.
2. "J" indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
3. Blind duplicate sample collected from MW-1.
4. Water Board, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table E-1a, Groundwater screening levels for evaluation of potential vapor intrusion concerns, July (updated November 2007).
5. Water Board, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table F-1b, Gross contamination groundwater screening levels where groundwater is not a current or potential drinking water resource, July (updated November 2007).
6. "--" indicates an ESL has not been established for this constituent.

Abbreviations:

ESL = environmental screening level
TPHg = total petroleum hydrocarbons quantified as gasoline
VOCs = volatile organic compounds

FIGURES

N

0 2000 Feet

SITE LOCATION MAP
2301-2307 Lincoln Avenue
Alameda, California

By: AP	Date: 10/2007	Project No. 11037.001
Geomatrix		Figure 1

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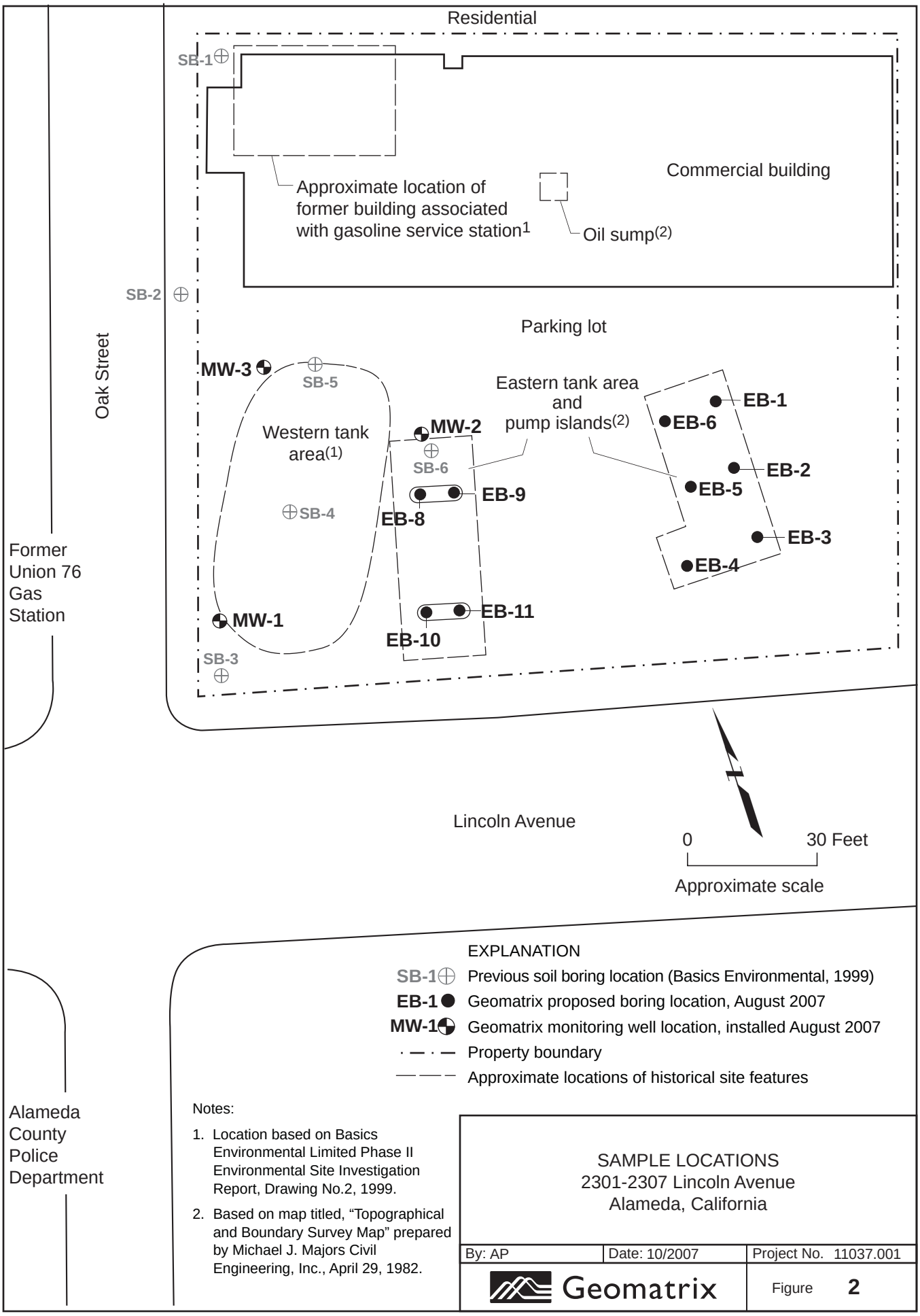


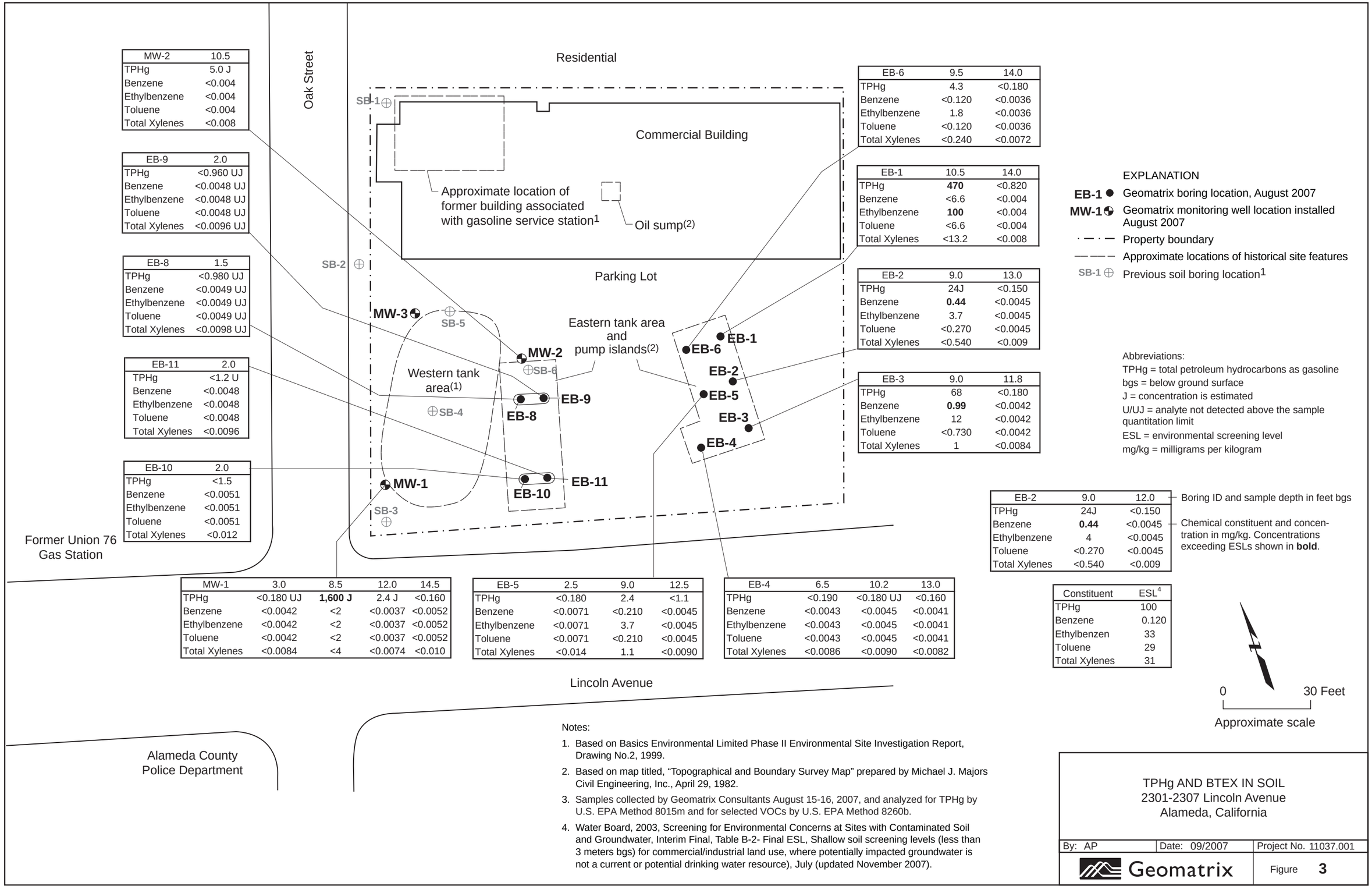
Notes:

1. Location based on Basics Environmental Limited Phase II Environmental Site Investigation Report, Drawing No.2, 1999.
2. Based on map titled, "Topographical and Boundary Survey Map" prepared by Michael J. Majors Civil Engineering, Inc., April 29, 1982.

SAMPLE LOCATIONS
2301-2307 Lincoln Avenue
Alameda, California

By: AP	Date: 10/2007	Project No. 11037.001
Geomatrix		Figure 2

S:\11000\11037\11037.001\task_5\ fig_02.ai



MW-2	10.5
TPHg	5.0 J
Benzene	<0.004
Ethylbenzene	<0.004
Toluene	<0.004
Total Xylenes	<0.008

EB-9	2.0
TPHg	<0.960 UJ
Benzene	<0.0048 UJ
Ethylbenzene	<0.0048 UJ
Toluene	<0.0048 UJ
Total Xylenes	<0.0096 UJ

EB-8	1.5
TPHg	<0.980 UJ
Benzene	<0.0049 UJ
Ethylbenzene	<0.0049 UJ
Toluene	<0.0049 UJ
Total Xylenes	<0.0098 UJ

EB-11	2.0
TPHg	<1.2 U
Benzene	<0.0048
Ethylbenzene	<0.0048
Toluene	<0.0048
Total Xylenes	<0.0096

EB-10	2.0
TPHg	<1.5
Benzene	<0.0051
Ethylbenzene	<0.0051
Toluene	<0.0051
Total Xylenes	<0.012

EB-6	9.5	14.0
TPHg	4.3	<0.180
Benzene	<0.120	<0.0036
Ethylbenzene	1.8	<0.0036
Toluene	<0.120	<0.0036
Total Xylenes	<0.240	<0.0072

EB-1	10.5	14.0
TPHg	**470**	<0.820
Benzene	<6.6	<0.004
Ethylbenzene	**100**	<0.004
Toluene	<6.6	<0.004
Total Xylenes	<13.2	<0.008

EB-2	9.0	13.0
TPHg	24J	<0.150
Benzene	**0.44**	<0.0045
Ethylbenzene	3.7	<0.0045
Toluene	<0.270	<0.0045
Total Xylenes	<0.540	<0.009

EB-3	9.0	11.8
TPHg	68	<0.180
Benzene	**0.99**	<0.0042
Ethylbenzene	12	<0.0042
Toluene	<0.730	<0.0042
Total Xylenes	1	<0.0084

MW-1	3.0	8.5	12.0	14.5
TPHg	<0.180 UJ	**1,600 J**	2.4 J	<0.160
Benzene	<0.0042	<2	<0.0037	<0.0052
Ethylbenzene	<0.0042	<2	<0.0037	<0.0052
Toluene	<0.0042	<2	<0.0037	<0.0052
Total Xylenes	<0.0084	<4	<0.0074	<0.010

EB-5	2.5	9.0	12.5
TPHg	<0.180	2.4	<1.1
Benzene	<0.0071	<0.210	<0.0045
Ethylbenzene	<0.0071	3.7	<0.0045
Toluene	<0.0071	<0.210	<0.0045
Total Xylenes	<0.014	1.1	<0.0090

EB-4	6.5	10.2	13.0
TPHg	<0.190	<0.180 UJ	<0.160
Benzene	<0.0043	<0.0045	<0.0041
Ethylbenzene	<0.0043	<0.0045	<0.0041
Toluene	<0.0043	<0.0045	<0.0041
Total Xylenes	<0.0086	<0.0090	<0.0082

EXPLANATION

- **EB-1** ● Geomatrix boring location, August 2007
- **MW-1** ⊕ Geomatrix monitoring well location installed August 2007
- Property boundary
- Approximate locations of historical site features
- SB-1 ⊕ Previous soil boring location[1]

Abbreviations:
TPHg = total petroleum hydrocarbons as gasoline
bgs = below ground surface
J = concentration is estimated
U/UJ = analyte not detected above the sample quantitation limit
ESL = environmental screening level
mg/kg = milligrams per kilogram

EB-2	9.0	12.0
TPHg	24J	<0.150
Benzene	**0.44**	<0.0045
Ethylbenzene	4	<0.0045
Toluene	<0.270	<0.0045
Total Xylenes	<0.540	<0.009

Boring ID and sample depth in feet bgs

Chemical constituent and concentration in mg/kg. Concentrations exceeding ESLs shown in **bold**.

Constituent	ESL[4]
TPHg	100
Benzene	0.120
Ethylbenzen	33
Toluene	29
Total Xylenes	31

0 30 Feet

Approximate scale

Notes:

1. Based on Basics Environmental Limited Phase II Environmental Site Investigation Report, Drawing No.2, 1999.
2. Based on map titled, “Topographical and Boundary Survey Map” prepared by Michael J. Majors Civil Engineering, Inc., April 29, 1982.
3. Samples collected by Geomatrix Consultants August 15-16, 2007, and analyzed for TPHg by U.S. EPA Method 8015m and for selected VOCs by U.S. EPA Method 8260b.
4. Water Board, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table B-2- Final ESL, Shallow soil screening levels (less than 3 meters bgs) for commercial/industrial land use, where potentially impacted groundwater is not a current or potential drinking water resource), July (updated November 2007).

TPHg AND BTEX IN SOIL
2301-2307 Lincoln Avenue
Alameda, California

By: AP	Date: 09/2007	Project No. 11037.001
Geomatrix	Figure **3**	

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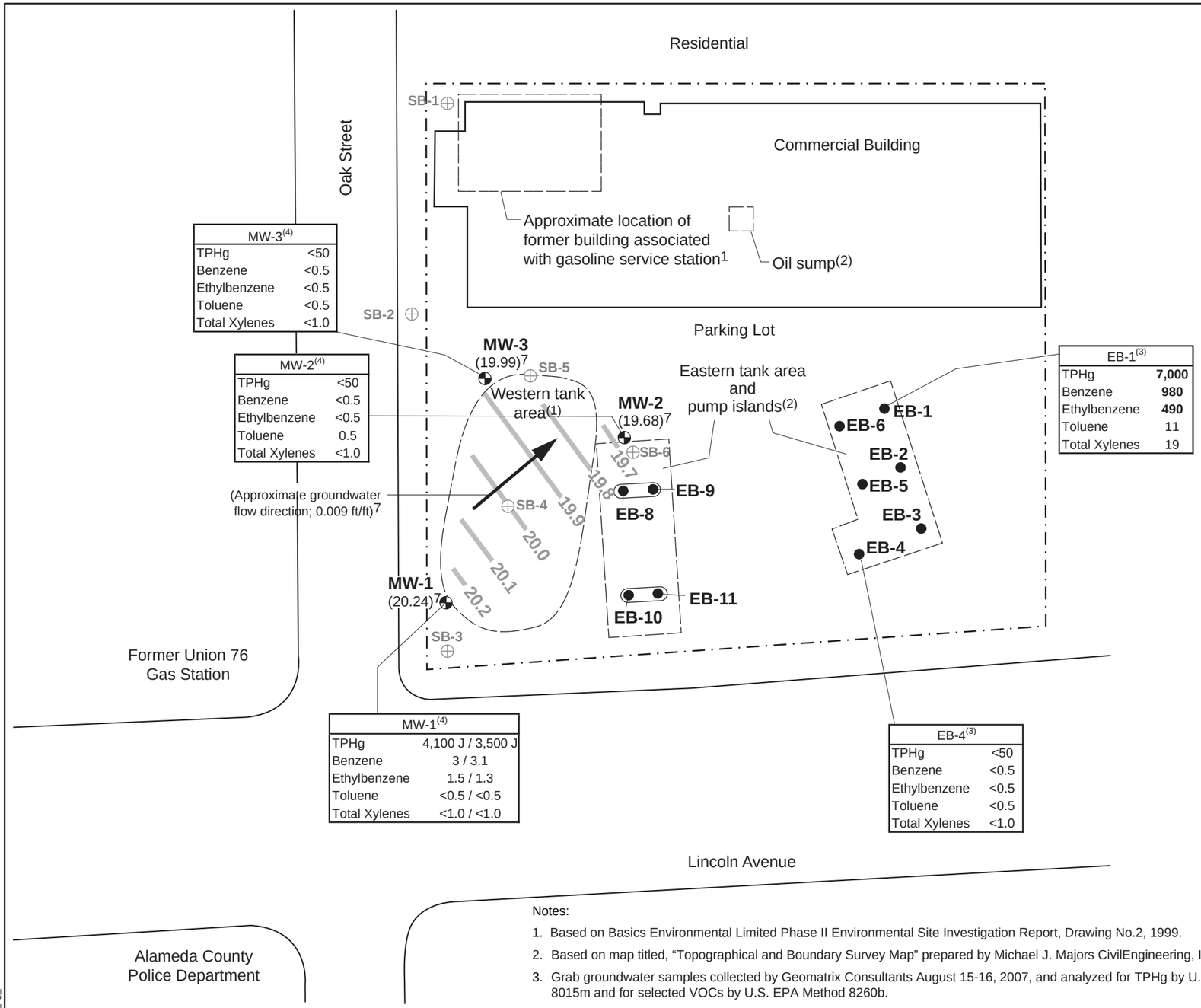

MW-3(4)	
TPHg	<50
Benzene	<0.5
Ethylbenzene	<0.5
Toluene	<0.5
Total Xylenes	<1.0

MW-2(4)	
TPHg	<50
Benzene	<0.5
Ethylbenzene	<0.5
Toluene	0.5
Total Xylenes	<1.0

EB-1(3)	
TPHg	**7,000**
Benzene	**980**
Ethylbenzene	**490**
Toluene	11
Total Xylenes	19

MW-1(4)	
TPHg	4,100 J / 3,500 J
Benzene	3 / 3.1
Ethylbenzene	1.5 / 1.3
Toluene	<0.5 / <0.5
Total Xylenes	<1.0 / <1.0

EB-4(3)	
TPHg	<50
Benzene	<0.5
Ethylbenzene	<0.5
Toluene	<0.5
Total Xylenes	<1.0

EXPLANATION

- **EB-1** ● Geomatrix boring location, August 2007
- **MW-1** ◔ Geomatrix monitoring well location installed August 2007
- (19.68) Groundwater surface elevation (feet msl)
- Property boundary
- Approximate locations of historical site features
- SB-1 ⊕ Previous soil boring location1
- 20.2 Potentiometric surface contour (in feet above mean sea level)

Abbreviations:
TPHg = total petroleum hydrocarbons as gasoline
bgs = below ground surface
J = concentration is estimated
ESL = environmental screening level
µg/L = micrograms per liter
-- = ESL not available

MW-3(4)	
TPHg	<50
Benzene	<0.5
Ethylbenzene	<0.5
Toluene	<0.5
Total Xylenes	<1.0

MW-3(4) — Boring or well ID

Benzene <0.5 — Chemical constituent and concentration/duplicate concentration in µg/L. Concentrations exceeding ESLs shown in **bold**.

Constituent	ESL(5)	ESL(6)
TPHg	--	5,000
Benzene	20,000	540
Ethylbenzene	170,000	300
Toluene	530,000	400
Total Xylenes	160,000	5,300

0 30 Feet

Approximate scale

Notes:

1. Based on Basics Environmental Limited Phase II Environmental Site Investigation Report, Drawing No.2, 1999.
2. Based on map titled, “Topographical and Boundary Survey Map” prepared by Michael J. Majors CivilEngineering, Inc., April 29, 1982.
3. Grab groundwater samples collected by Geomatrix Consultants August 15-16, 2007, and analyzed for TPHg by U.S. EPA Method 8015m and for selected VOCs by U.S. EPA Method 8260b.
4. Groundwater samples collected from wells by Geomatrix Consultants August 24, 2007, and analyzed for TPHg by U.S. EPA Method 8015m and for selected VOCs by U.S. EPA Method 8260b.
5. Water Board, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table E-1a, Groundwater screening levels for evaluation of potential vapor intrusion concerns, July (updated November 2007).
6. Water Board, 2003, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, Table F-1b, Gross contamination groundwater screening levels where groundwater is not a current or potential drinking water resource, July (updated November 2007).
7. Groundwater Elevations in feet above mean sea level; wells surveyed using datum NAVD 88.

TPHg AND BTEX IN GROUNDWATER
2301-2307 Lincoln Avenue
Alameda, California

By: AP	Date: 09/2007	Project No. 11037.001
Geomatrix	Figure **4**	

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Geomatrix

APPENDIX A

Sanborn Fire Insurance Maps, Aerial Photograph and Majors Site Plan

Base map from The sanborn Library, LLC. 1950

SANBORN FIRE INSURANCE MAP - 1950
2301-2307 Lincoln Avenue
Alameda, California

By: JT	Date: 12/2007	Project No. 1103./001
Geomatrix		Figure **A-1**

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Photo source: Environmental Data Resources Inc.

N

0 150 Feet

Approximate scale

1965 AERIAL VIEW CLOSE-UP
2301-2307 Lincoln Ave.
Alameda, California

By: AP	Date: 10/2007	Project No. 11037.001
Geomatrix		Figure **A-2**

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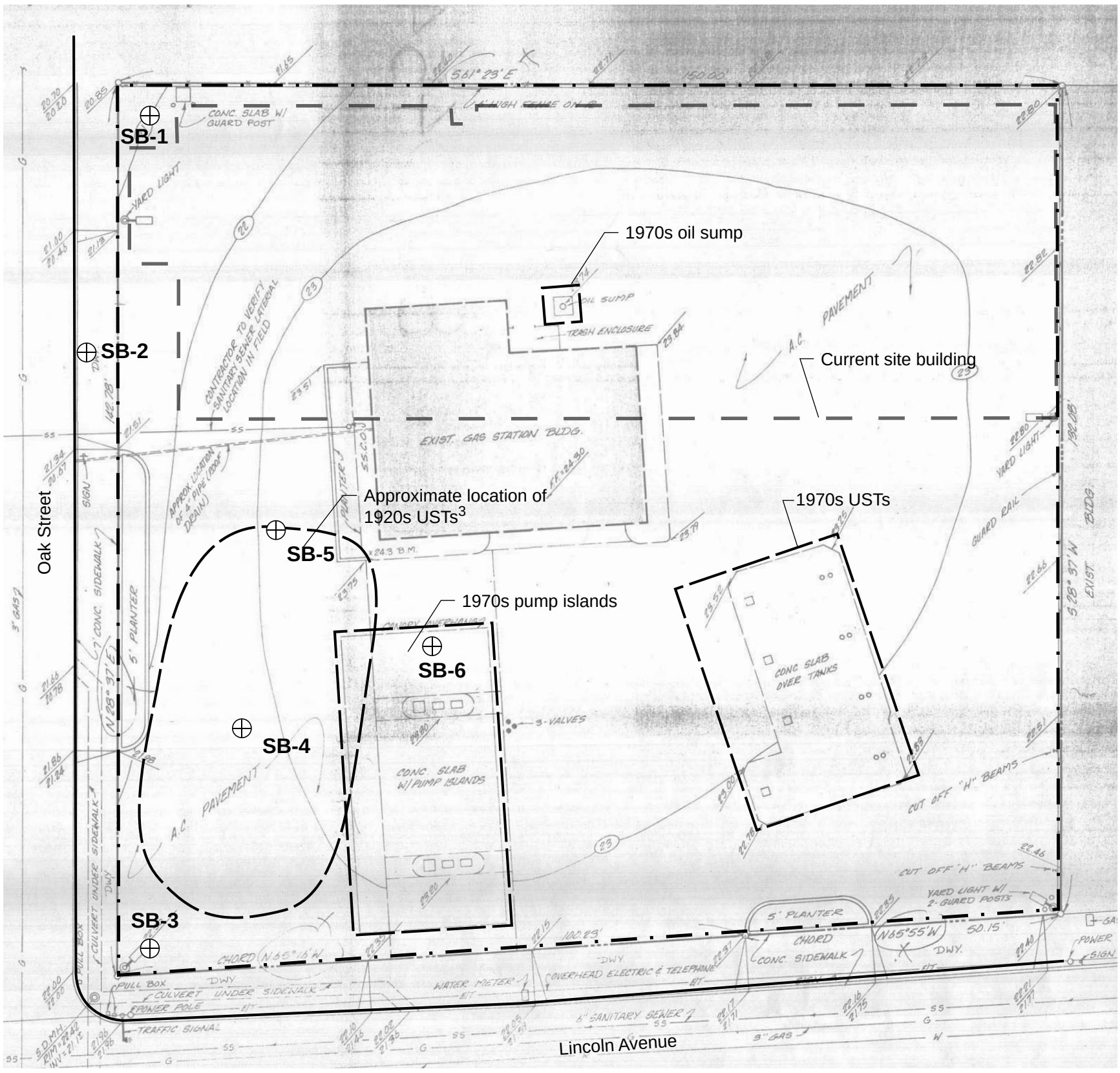
S:\11000\11037\11037.001\task_5_fig_04.ai\Fig_A-3.ai



EXPLANATION

UST	Underground storage tanks
— · —	Property boundary
⊕	Previous soil boring locations (Basics Environmental [Basics], 1999)

0 20 Feet

Approximate scale

Sources:

1) Calpestri and Zamborsky, 1982, Site Plan, Site Details, Roof Plan, A New Commerical Building, 2301-2307 Lincoln Ave., Alameda, Calif., April 25.
2) Michael J. Majors Civil Engineers, Inc., 1982, Topographic and Boundary Survey, Northeastern Corner, Lincoln Ave. and Oak St., Alameda, Calif.
3) Approximation of the 1920 USTs location is based on cross-referencing an illustration created by Basics Environmental (Basics, 1999) with a Sanborn Fire Insurance map from 1950, and an aerial photograph from 1950.

CURRENT AND HISTORICAL SITE FEATURES
2301-2307 Lincoln Avenue
Alameda, California

By: _	Date: _	Project No. 11037.001
Geomatrix		Figure **A-3**

Geomatrix

APPENDIX B

Drilling Permits

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 08/01/2007 By jamesy

Permit Numbers: W2007-0884 to W2007-0887
Permits Valid from 08/13/2007 to 08/17/2007

Application Id: 1185484513222
City of Project Site: Alameda
Site Location: 2301-2307 Lincoln Avenue, Alameda, CA
Project Start Date: 08/13/2007
Completion Date: 08/17/2007

Applicant: Geomatrix - Avery Patton
2101 Webster St, 12th Floor, Oakland, CA 94612
Phone: 510-663-4154

Property Owner: Allan Sebanc
2805 Ralston Avenue, Hillsborough, CA 94010
Phone: 650-342-7837

Client: ** same as Property Owner **

Total Due: $1100.00
Receipt Number: WR2007-0347 **Total Amount Paid:** $1100.00
Payer Name : Avery Patton Paid By: MC **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 3 Wells
Driller: Vironex - Lic #: 705927 - Method: DP **Work Total: $900.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2007-0884	08/01/2007	11/11/2007	MW1	3.25 in.	1.00 in.	5.00 ft	20.00 ft
W2007-0885	08/01/2007	11/11/2007	MW2	3.25 in.	1.00 in.	5.00 ft	20.00 ft
W2007-0886	08/01/2007	11/11/2007	MW3	3.25 in.	1.00 in.	5.00 ft	20.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with

appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

7. Minimum surface seal thickness is two inches of cement grout placed by tremie

8. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Borehole(s) for Investigation-Contamination Study - 11 Boreholes
Driller: Vironex - Lic #: 705927 - Method: DP **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0887	08/01/2007	11/11/2007	11	2.25 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the

permits and requirements have been approved or obtained.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County.

Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460
Fax: 510-540-5672

Fremont, Newark, Union City Alameda County Water District Ph: 510-668-4460
Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol Zone 7 Water Agency Ph: 925-454-5000
Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland**, **Alameda**,**Piedmont**, **Emeryville**, **Albany**, **San Leandro**, **San Lorenzo**, **Castro Valley**, and **Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells (*Horizontal hillside dewatering and dewatering for construction period only), shall cost $300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects
Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date, the following procedures are required:

Please contact **James Yoo at 510-670-6633** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling).

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided.

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa.org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:
A service charge of $25.00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50.00 (fifty Dollars).

To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below).

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500).

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order, File No. 9763 require specific approval by the Board of Supervisors. The forms to request for refunds under $500.00 (Five Hundred Dollars) are available at this office or any County Offices. If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement
Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months, or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such

violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

Enforcement actions will be determined by this office on a case-by-case basis
Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars).

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies.

See our website (www.acgov.org/pwa/wells/index.shtml) for links to additional forms.

Geomatrix

APPENDIX C

Boring Logs

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California				**Boring Log Explanation**
BORING LOCATION:			ELEVATION AND DATUM:	
DRILLING CONTRACTOR:			DATE STARTED:	DATE FINISHED:
DRILLING METHOD:			TOTAL DEPTH (ft.):	MEASURING POINT:
DRILLING EQUIPMENT:			DEPTH TO WATER / FIRST	COMPL. / 24 HRS.
SAMPLING METHOD:			LOGGED BY:	
HAMMER WEIGHT:	DROP:		RESPONSIBLE PROFESSIONAL:	REG. NO.

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation:	REMARKS
1					**Notes:** 1. Soil described using visual-manual procedures of American Society of Testing and Materials (ASTM) Standard D 2488 for guidance; a Standard based on the Unified Soil Classification System.	
2					2. Soil color described according to Munsell Color Chart.	
3					3. Dashed lines separating soil strata represent inferred boundaries between sampled intervals that may be abrupt or gradual transitions.	
4						
5					4. Solid lines represent approximate boundaries observed within sample intervals.	
6					5. OVM = organic vapor meter, reading in volumetric parts per million (ppm).	
7					6. Odor, if noted is subjective and not necessarily indicative of specific compounds or concentrations.	
8					7. NA = not applicable. 8. ND = no data.	
9					Interval of recovered soil collected with a continuous core sampler.	
10						
11					Interval of no recovery.	
12	EB-1-12.5				Sample collected for chemical analysis and sample identification.	
13						
14						
15						

KEYFORM (REV. 7/99)

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-1**
BORING LOCATION: N: 2106513.72; E: 6058187.37	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/15/07 / DATE FINISHED: 8/15/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 15.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Geoprobe DT21 dual-tube sampling system [4' x 1.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	REMARKS
					Surface Elevation: Not surveyed	
0					ASPHALTIC CONCRETE : (4 inches thick)	
1					POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark brown (10YR 3/3), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
				3.1		
2				1.6	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/4), moist, 70% fine to coarse sand, 20% fine to coarse gravel, 10% nonplastic fines	
				0.6		
3				0.6	POORLY GRADED GRAVEL with SAND and SILT (SP-SM)	
					very dark brown (10YR 2/2)	Hand augered to 5 feet bgs; cuttings logged for lithology.
					greenish black (10Y 2.5/1)	
4	EB-1-4			188		
5						Boring location coordinates based on the California Coordinate System NAD 83, Zone III.
				153		
6					POORLY GRADED GRAVEL with SAND (GP)	
				423		
7					POORLY GRADED SAND with SILT (SP-SM): greenish black (5GY 2.5/1), moist, 90% fine sand, 10% nonplastic fines	
				98.1		
8						Grab groundwater sample EB-1-081607 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 10 to 15 feet bgs. Drive casing retracted from bottom of boring to 10 feet bgs to maintain surface seal.
9						
10	EB-1-10.5				dark greenish gray (10BG 4/1)	
				1588		
11					wet	
				62		
12						
				11.2	yellowish brown (10YR 5/4)	
13						Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
14	EB-1-14			3.9		
					Bottom of boring at 15.0 feet	
15						

OAKBOREV (REV. 8/2007)

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-2**
BORING LOCATION: N: 2106499.42; E: 6058183.62	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/16/07 / DATE FINISHED: 8/16/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 15.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Geoprobe DT21 dual-tube sampling system [4' x 1.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1				0	POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark grayish brown (10YR 4/2), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2				3.2	POORLY GRADED SAND with SILT (SP-SM): dark yellowish brown (10YR 4/3), moist, 70% fine to coarse sand, 20% fine to coarse gravel, 10% nonplastic fines very dark greenish gray (10BG 3/1) or 10GY 3/1	
3					CONCRETE	Hand augered to 3 feet bgs; cuttings logged for lithology.
4				50.4 14.1		
5					POORLY GRADED GRAVEL with SAND and SILT (GP-GM)	Boring location coordinates based on the California Coordinate System NAD 83, Zone III.
6				164	POORLY GRADED SAND with SILT and GRAVEL (SP-SM) ASPHALTIC CONCRETE	
7				12		Grab groundwater sample EB-2 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 10 to 15 feet bgs. drive casing retracted from bottom of boring to 10 feet bgs to maintain surface seal.
8				127		
9	EB-2-9			1175	wet contains bone fragments	
10				1312		
11				6.7		
12					dark yellowish brown (10YR 4/4)	
13	EB-2-13			2.3		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
14				2		
15					Bottom of boring at 15.0 feet	

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-3**
BORING LOCATION: N: 2106484.08; E: 6058180.63	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/16/07 / DATE FINISHED: 8/16/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 15.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Geoprobe DT21 dual-tube sampling system [4' x 1.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0				0.9	ASPHALTIC CONCRETE : (4 inches thick)	
1				0.5	POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark grayish brown (10YR 4/2), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/4), moist, 70% fine to coarse sand, 20% fine to coarse gravel, 10% nonplastic fines	
3				4.8	POORLY GRADED GRAVEL with SAND and SILT (GP-GM)	Hand augered to 5 feet bgs; cuttings logged for lithology.
4				0		
5						Boring location coordinates based on the California Coordinate System NAD 83, Zone III.
6					POORLY GRADED GRAVEL with SILT (SP-SM) POORLY GRADED GRAVEL with SILT (SP-SM)	
7					POORLY GRADED SAND with SILT (SP-SM): dark greenish gray (10Y 4/1), moist, 90% fine sand, 10% nonplastic fines	
8						Grab groundwater sample EB-3-081607 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 10 to 15 feet bgs. drive casing retracted from bottom of boring to 10 feet bgs to maintain surface seal.
9	EB-3-9			1556		
10				6.5	dark yellowish brown (10YR 4/4) wet	
11				1.4		
12	EB-3-11.8					
13				1.3		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
14	EB-1-14					
15				0.8	Bottom of boring at 15.0 feet	

OAKBOREV (REV. 8/2007)

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-4**
BORING LOCATION: N: 2106486.10; E: 6058164.55	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/16/07 / DATE FINISHED: 8/16/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 15.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Geoprobe DT21 dual-tube sampling system [4' x 1.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0				0	ASPHALTIC CONCRETE : (4 inches thick)	
1					POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark brown (10YR 3/3), moist, 60% fine to coarse gravel, 30% fine sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2				0	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/4), moist, 70% fine to coarse sand, 20% fine to coarse gravel, 10% nonplastic fines	
3				0	POORLY GRADED GRAVEL with SILT and SAND (GP-GM)	Hand augered to 5 feet bgs; cuttings logged for lithology.
4				0	POORLY GRADED SAND with SILT (SP-SM): dark yellowish brown (10YR 4/4), moist, 90% fine sand, 10% nonplastic fines	
5				1		Boring location coordinates based on the California Coordinate System NAD 83, Zone III.
6	EB-4-6.5					
7				0.9		
8						Grab groundwater sample EB-4-081607 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 10 to 15 feet bgs. drive casing retracted from bottom of boring to 10 feet bgs to maintain surface seal.
9						
10	EB-4-10.2			13.1	brown (10YR 4/3), wet	
11					mottled brown (10YR 4/3) and dark yellowish brown (10YR 3/4)	
12				0.5		
13	EB-4-13					Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
14						
15					dark yellowish brown (10YR 3/4) Bottom of boring at 15.0 feet	

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-5**
BORING LOCATION: N: 2106500.51; E: 6058173.64	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/16/07 / DATE FINISHED: 8/16/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 15.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Geoprobe DT21 dual-tube sampling system [4' x 1.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	REMARKS
					Surface Elevation: Not surveyed	
0					ASPHALTIC CONCRETE : (4 inches thick)	
1					POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark grayish brown (10YR 4/2), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2				3.2 5.5	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/3), moist, 65% fine to coarse sand, 25% fine to coarse gravel, 10% nonplastic fines	
3	EB-5-2.5 (sample not drawn correctly for 2.5 ID?)				POORLY GRADED SAND with SILT (SP-SM): very dark grayish brown (10YR 2/2), moist, 90% fine sand, 10% nonplastic fines	
4				28		Hand augered to 5 feet bgs; cuttings logged for lithology.
5				20.6		Boring location coordinates based on the California Coordinate System NAD 83, Zone III.
6				979		
7				492	very dark greenish gray (10GY 3/1)	
8				1385		Grab groundwater sample EB-5-081607 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 10 to 15 feet bgs. drive casing retracted from bottom of boring to 10 feet bgs to maintain surface seal.
9	EB-5-9					
10				158	wet	
11				8.8		
12	EB-5-12.5				dark yellowish brown (10YR 4/4)	
13				1.5		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
14						
15				1.2	Bottom of boring at 15.0 feet	

OAKBOREV (REV. 8/2007)

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-6**
BORING LOCATION: N: 2106515.42; E: 6058175.77	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/16/07 / DATE FINISHED: 8/16/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 15.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Geoprobe DT21 dual-tube sampling system [4' x 1.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
				2.1	POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark grayish brown (10YR 4/2), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
1						
				0	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/4), moist, 60% fine to coarse sand, 30% fine gravel, 10% nonplastic fines	
2						
				0		
3						Hand augered to 5 feet bgs; cuttings logged for lithology.
				9.1	POORLY GRADED SAND with SILT (SP-SM): dark grayish brown (2.5Y 4/2), moist, 90% fine sand, 10% nonplastic fines	
4						
5						Boring location coordinates based on the California Coordinate System NAD 83, Zone III.
				64	grayish brown (2.5Y 5/2)	
6						
7				221		
8					dark greenish gray (10Y 4/1)	Grab groundwater sample EB-6-081607 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 10 to 15 feet bgs. drive casing retracted from bottom of boring to 10 feet bgs to maintain surface seal.
9	EB-6-9.5			1481		
10				1487	wet	
11				23.5		
12						
13				7.9	yellowish brown (10YR 5/6)	
14	EB-6-14			2.6		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
15					Bottom of boring at 15.0 feet	

OAKBOREV (REV. 8/2007)

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-8**
BORING LOCATION: Parking lot, 47' E, 41' N of property line	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/15/07 / DATE FINISHED: 8/15/07
DRILLING METHOD: Hand auger	TOTAL DEPTH (ft.): 3.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Hand auger	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Hand auger	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO. CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1				1.8	POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark brown (10YR 3/3), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2	EB-9-2			0.6	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/4), moist, 70% fine to coarse sand, 20% fine to coarse gravel, 10% nonplastic fines	
3					Bottom of boring at 3.0 feet	Hand augered to 3 feet bgs; cuttings logged for lithology
4						
5						Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-9**
BORING LOCATION: Parking lot, 51' E, 40' N of property line	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/15/07 / DATE FINISHED: 8/15/07
DRILLING METHOD: Hand auger	TOTAL DEPTH (ft.): 3.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Hand auger	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Hand auger	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1				2.7	POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark brown (10YR 3/3), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2	EB-9-2			0.4	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/4), moist, 55% fine to coarse sand, 35% fine gravel, 10% nonplastic fines	
3					POORLY GRADED SAND with SILT (SP-SM) Bottom of boring at 3.0 feet	Hand augered to 3 feet bgs; cuttings logged for lithology.
4						
5						Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-10**
BORING LOCATION: Parking lot, 48' E, 23' N of property line	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/16/07 / DATE FINISHED: 8/16/07
DRILLING METHOD: Hand auger	TOTAL DEPTH (ft.): 2.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Hand auger	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Hand auger	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1	EB-10-2				POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark brown (10YR 3/3), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	
2					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/3), moist, 60% fine to coarse sand, 30% fine gravel, 10% nonplastic fines Bottom of boring at 2.0 feet	Hand augered to 2 feet bgs; cuttings logged for lithology. Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Boring No. EB-11**
BORING LOCATION: Parking lot, 56' E, 22' N of property line	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/16/07 / DATE FINISHED: 8/16/07
DRILLING METHOD: Hand auger	TOTAL DEPTH (ft.): 2.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Hand auger	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Hand auger	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO.: CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1	EB-11-2			1.1	POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark brown (10YR 3/3), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark yellowish brown (10YR 3/3), moist, 75% fine to coarse sand, 15% fine gravel, 10% nonplastic fines Bottom of boring at 2.0 feet	
3						Hand augered to 2 feet bgs; cuttings logged for lithology.
4						
5						Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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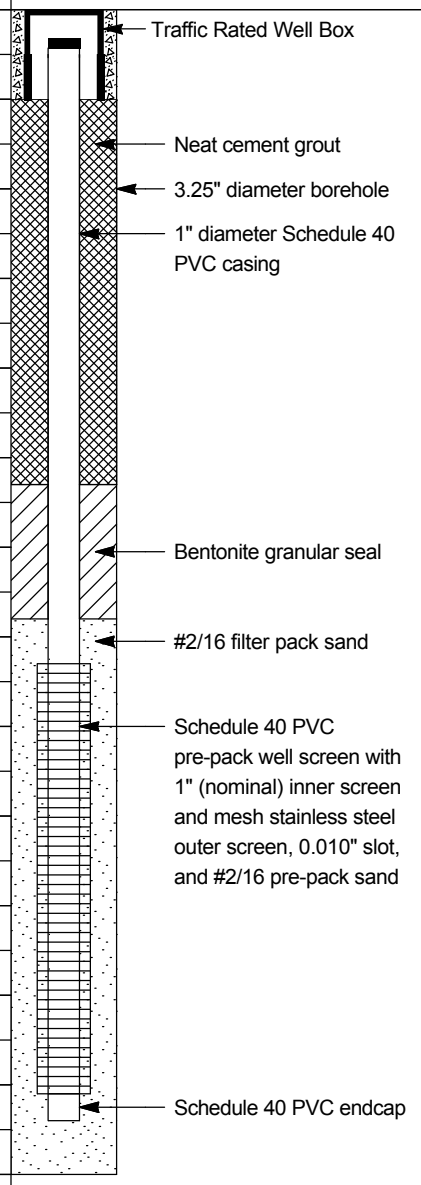
PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Well No. MW-1**
BORING LOCATION: N: 2106525.98; E: 6058071.59	TOP OF CASING ELEVATION AND DATUM: 28.61' MSL (NAVD 88)
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/15/07 / DATE FINISHED: 8/15/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 18.0 / SCREEN INTERVAL (ft.): 7.3-12.1
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.): FIRST NA, COMPL. 8.4 / CASING: 1" Sch. 40 PVC
SAMPLING METHOD: Geoprobe DT-22 dual-tube sampling system [5' x 2.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO. CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.
					Surface Elevation: 28.96' MSL
0					SANDY SILT (ML): very dark brown (10YR 2/2), moist, 60% fines, 40% fine sand, nonplastic, very soft
1					POORLY GRADED SAND with GRAVEL (SP): dark brown (10YR 3/3), moist, 60% fine sand, 25% fine gravel, 5% fines
2					POORLY GRADED SAND (SP): dark brown (10YR 3/3), moist, 95% fine sand, 5% fines
3	MW-1-3.0				
4					CLAYEY SAND (SC): dark yellowish brown (10YR 3/4), moist, 65% fine sand, 35% low plasticity fines
5	MW-1-5.5			0.7	POORLY GRADED SAND with SILT (SP-SM): dark yellowish brown (10YR 4/4), moist, 90% fine sand, 10% nonplastic fines
6				1.1	CLAYEY SAND (SC) very dark gray (10GY 2.5/)
7				23.2	
8	MW-1-8.5				
9				1804	
10				1800	wet
11				1872	
12	MW-1-12.0			82	
13				30.7	olive brown (2.5Y 4/3)
14	MW-1-14.5			11.7	dark yellowish brown (10YR 4/4)
15				1.3 2.1	

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS



PROJECT: 2310-2307 LINCOLN AVENUE
Alameda, California

Log of Well No. MW-1 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
16				1.4	POORLY GRADED SAND with SILT (SP-SM): cont'd	Notes: 1. OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard. 2. Hand augered to 5 feet bgs. Lithologic descriptions are from cuttings. 3. Lithologic descriptions are from adjacent companion boring, located approximately 3' south of well MW-1. 4. Boring location coordinates based on the California Coordinate System NAD 83, Zone III.
17				1.4		
18				1	Bottom of boring at 18.0 feet	
19						
20						
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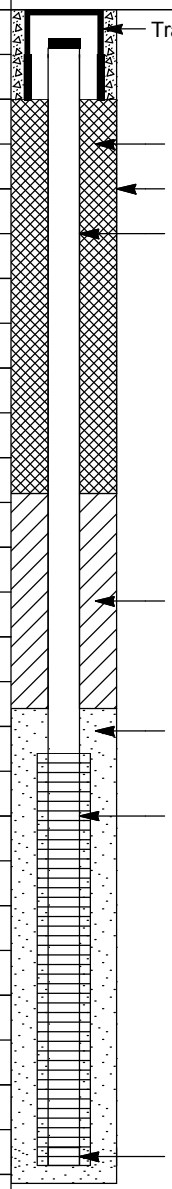
PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Well No. MW-2**
BORING LOCATION: N: 2106538.71; E: 6058128.88	TOP OF CASING ELEVATION AND DATUM: 28.94' MSL (NAVD 88)
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/15/07 / DATE FINISHED: 8/15/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 13.1 / SCREEN INTERVAL (ft.): 8.3-12.9
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.): FIRST NA, COMPL. 9.3 / CASING: 1" Sch. 40 PVC
SAMPLING METHOD: Geoprobe DT-22 dual-tube sampling system [5' x 2.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO. CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.
					Surface Elevation: 29.39' MSL
0					ASPHALTIC CONCRETE: (4 inches thick)
1					POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark grayish brown (10YR 4/2), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]
2					POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark brown (10YR 3/3), moist, 60% fine to coarse sand, 30% fine to coarse gravel, 10% nonplastic fines, contains brick debris [FILL]
3				0	
4				0	
5				0	contains glass debris, bone and shell fragments, and wood debris
6					
7					
8					
9					
10					POORLY GRADED GRAVEL WITH CLAY AND SAND (GP-GC): wet
11					POORLY GRADED SAND (SP): brown (10YR 4/3), wet, 95% fine to coarse sand, 5% fines
12					
13					Bottom of boring at 13.0 feet
14					
15					



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

- Traffic Rated Well Box
- Neat cement grout
- 3.25" diameter borehole
- 1" diameter Schedule 40 PVC casing

Notes:

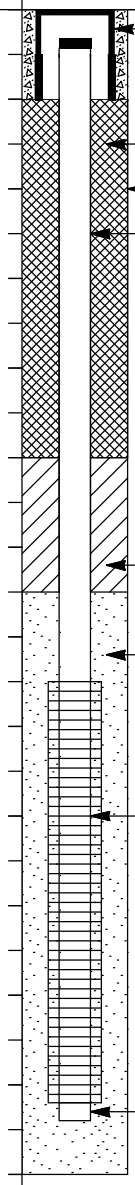
1. OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2. Hand augered to 5 feet bgs. Lithologic descriptions are from cuttings.

- Bentonite granular seal
- #2/16 filter pack sand
- Schedule 40 PVC pre-pack well screen with 1" (nominal) inner screen and mesh stainless steel outer screen, 0.010" slot, and #2/16 pre-pack sand
- Schedule 40 PVC endcap

OAKWELLV_PPACKTOC (REV. 9/2007)

PROJECT: 2310-2307 LINCOLN AVENUE Alameda, California	**Log of Well No. MW-3**
BORING LOCATION: N: 2106567.94; E: 6058106.52	TOP OF CASING ELEVATION AND DATUM: 28.39' MSL (NAVD 88)
DRILLING CONTRACTOR: Vironex, Inc.	DATE STARTED: 8/15/07 / DATE FINISHED: 8/15/07
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 13.0 / SCREEN INTERVAL (ft.): 7.5-12.2
DRILLING EQUIPMENT: Geoprobe 66DT	DEPTH TO WATER (ft.): FIRST NA, COMPL. 8.4 / CASING: 1" Sch. 40 PVC
SAMPLING METHOD: Geoprobe DT-22 dual-tube sampling system [5' x 2.25"]	LOGGED BY: C. Payne
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: R. Schultz / REG. NO. CHG 833

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM Reading	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.
					Surface Elevation: 29.09' MSL
0					ASPHALTIC CONCRETE: (4 inches thick)
1				0	POORLY GRADED GRAVEL with SILT and SAND (GP-GM): dark grayish brown (10YR 4/2), moist, 60% fine to coarse gravel, 30% fine to coarse sand, 10% nonplastic fines [FILL]
2					
3				0	POORLY GRADED SAND with SILT and GRAVEL (SP-SM): dark brown (10YR 3/3), moist, 60% fine to coarse sand, 30% fine to coarse gravel, 10% nonplastic fines [FILL]
4					POORLY GRADED SAND (SP): dark yellowish brown (10YR 4/4), moist, 95% fine sand, 5% fines
5				0	dark yellowish brown (10YR 3/4)
6					CLAYEY SAND (SC)
7	MW-2-7.0			0	CLAYEY SAND (SC)
8					CLAYEY SAND (SC)
9					
10	MW-2-10.5			0	mottled dark yellowish brown (10YR 3/4) and brown (10YR 5/3) wet
11					
12				0	brown (10YR 5/3)
13				0	Bottom of boring at 13.1 feet
14					
15					



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

- Traffic Rated Well Box
- Neat cement grout
- 3.25" diameter borehole
- 1" diameter Schedule 40 PVC casing

Notes:

1. OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
2. Hand augered to 5 feet bgs. Lithologic descriptions are from cuttings.

- Bentonite granular seal
- #2/16 filter pack sand
- Schedule 40 PVC pre-pack well screen with 1" (nominal) inner screen and mesh stainless steel outer screen, 0.010" slot, and #2/16 pre-pack sand
- Schedule 40 PVC endcap

Geomatrix

APPENDIX D

Field Data Sheets

Geomatrix

WELL SAMPLING AND/OR DEVELOPMENT RECORD

Well ID: ~~MW~~ MW-1
Sample ID: _____ Duplicate ID: _____
Sample Depth: _____
Project and Task No.: 011037.001
Project Name: Sebanc, Alameda
Date: 8/24/07
Sampled By: CWP + CED
Method of Purging: Peristaltic pump
Method of Sampling: Low-Flow

Initial Depth to Water: 8.37'
Depth to Water after Sampling: ~~9.26~~ 9.79'
Total Depth to Well: 11.95
Well Diameter: 1"
1 Casing/Borehole Volume: _____ (Circle one)
4 Casing/Borehole Volumes: _____ (Circle one)
Total Casing/Borehole Volumes Removed: _____

Time	Intake Depth	Rate (~~gpm~~) mL/min	Cum. Vol. (~~gal.~~) L	Temp. (°C)	pH (units)	Specific Electrical Conductance (µS/cm)	Remarks (color, turbidity, and sediment)	W.L
9:09	10'	150	0	20.95	6.86	448	Clear	8.3
9:15	"	"	0.9	20.97	6.80	458	"	9.3
9:16	"	"	1.05	20.98	6.8	463	"	9.3
Stopped							"	9.2
9:18	10'	150	1.21	20.93	6.92	459	"	
				Sampling				

pH CALIBRATION (choose two)				
Buffer Solution	pH 4.0	pH 7.0	pH 10.0	
Temperature C				
Instrument Reading				

Model or Unit No.: YSI 556 MPS
06A1361 Cal 8/23

SPECIFIC ELECTRICAL CONDUCTANCE – CALIBRATION			
KCL Solution (µS/cm=µmhos/cm)			
Temperature C			
Instrument Reading			

Model or Unit No.:

Notes:

Geomatrix

WELL SAMPLING AND/OR DEVELOPMENT RECORD

Well ID: MW-2
Sample ID: _____ Duplicate ID: _____
Sample Depth: _____
Project and Task No.: 011037.001
Project Name: Sebastic, Alameda
Date: 8/24/07
Sampled By: Charles Dowman
Method of Purging: Peristaltic Pump
Method of Sampling: Low-Flow

Initial Depth to Water: 9.26
Depth to Water after Sampling: 10.57'
Total Depth to Well: 12.486'
Well Diameter: _____
1 Casing/Borehole Volume: _____ (Circle one)
4 Casing/Borehole Volumes: _____ (Circle one)
Total Casing/Borehole Volumes Removed: _____

Time	Intake Depth	Rate ~~(gpm)~~ LPM	Cum. Vol. ~~(gal.)~~ L	Temp. (°C)	pH (units)	Specific Electrical Conductance (µS/cm)	Remarks (color, turbidity, and sediment)
10:14	~~11'~~						
10:18*	11'	150	0	23.61	7.12	610	Clear
10:20	11'	150	0.3	23.88	7.04	647	"
10:22	11'	150	0.6	23.99	7.05	~~949~~ 924	" Purge to 11.00' INTAKE
10:27*	11'	–	0.6	–	–	–	
10:32		150	1.2	23.92	7.04	883	Clear Purge to 11.00' Intake
					Sampling		

W.L
9.0
10.0
10.52
11.00
10.4

pH CALIBRATION (choose two)				
Buffer Solution	pH 4.0	pH 7.0	pH 10.0	
Temperature C				
Instrument Reading				

Model or Unit No.:

SPECIFIC ELECTRICAL CONDUCTANCE – CALIBRATION			
KCL Solution (µS/cm=µmhos/cm)			
Temperature C			
Instrument Reading			

Model or Unit No.:

Notes: Did not use flow through, Cell used in Cup.
*Flow Thru cell in use

Geomatrix

WELL SAMPLING AND/OR DEVELOPMENT RECORD

Well ID: MW-3
Sample ID: _____ Duplicate ID: _____
Sample Depth: _____
Project and Task No.: 011037.001
Project Name: Sebanc, Alameda
Date: 8/20/07
Sampled By: Chuck Payne
Method of Purging: Peristaltic Pump
Method of Sampling: Low-Flow

Initial Depth to Water: 8.40
Depth to Water after Sampling: ~~11.56~~ 8.47'
Total Depth to Well: 4" 11.56
Well Diameter: 1"
1 Casing/Borehole Volume: _____ (Circle one)
4 Casing/Borehole Volumes: _____ (Circle one)
Total Casing/Borehole Volumes Removed: _____

Time	Intake Depth	Rate ~~(gpm)~~ MLM	Cum. Vol. ~~(gal.)~~ L	Temp. (°C)	pH (units)	Specific Electrical Conductance (µS/cm)	Remarks (color, turbidity, and sediment)	W.L
7:44	10'	200	0	21.01	~~7.90~~ 6.81	790	Clear	8.3'
7:51	10'	200	1.4	21.016	~~7.94~~ 6.86	794	"	8.4'
7:52	10	200	~~0.6~~	21.22	~~7.96~~ 6.84	795	"	8.4'
7:55	10'	200	2.2	21.31	6.84	795	"	8.41
7:57	10'	200	2.6	21.36	6.83	789	"	
7:59				SAMPLE				

pH CALIBRATION (choose two)				
Buffer Solution	pH 4.0	pH 7.0	pH 10.0	
Temperature C				
Instrument Reading				

Model or Unit No.: YSI 556 MPS 06A1361 Cal 8/23

SPECIFIC ELECTRICAL CONDUCTANCE – CALIBRATION			
KCL Solution (µS/cm=µmhos/cm)			
Temperature C			
Instrument Reading			

Model or Unit No.:

Notes:

APPENDIX E

Laboratory Analytical Reports

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 196922

Geomatrix Consultants
2101 Webster Street
Oakland, CA 94612

Project : 11037.001
Location : Sebanc-Alameda
Level : II

Sample ID	Lab ID
MW-2-7.0	196922-001
MW-2-10.5	196922-002
MW-1-5.5	196922-003
MW-1-8.5	196922-004
MW-1-12.0	196922-005
MW-1-14.5	196922-006
MW-1-3.0	196922-007
EB-9-2.0	196922-008
EB-8-1.5	196922-009
EB-1-4.0	196922-010
EB-1-10.5	196922-011
EB-1-14.0	196922-012
EB-10-2.0	196922-013
EB-11-2.0	196922-014
EB-6-9.5	196922-015
EB-6-14.0	196922-016
EB-4-10.2	196922-017
EB-4-6.5	196922-018
EB-4-13.0	196922-019
EB-3-9.0	196922-020
EB-3-11.8	196922-021
EB-5-2.5	196922-022
EB-5-9.0	196922-023
EB-5-12.5	196922-024
EB-2-9.0	196922-025
EB-2-13	196922-026
TB-081607	196922-027
EB-1-081607	196922-028
EB-6-081607	196922-029
EB-4-081607	196922-030
EB-3-081607	196922-031
EB-5-081607	196922-032
EB-2-081607	196922-033
EB-30-081607	196922-034

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Signature: _____ Date: 08/30/2007
Project Manager

Signature: _____ Date: 08/30/2007
Quality Assurance Director

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	196922
Client:	Geomatrix Consultants
Project:	11037.001
Location:	Sebanc-Alameda
Request Date:	08/17/07
Samples Received:	08/17/07

This hardcopy data package contains sample and QC results for twenty four soil samples and two water samples, requested for the above referenced project on 08/17/07. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
Low recoveries were observed for gasoline C7-C12 in the MS/MSD for batch 128662; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits. EB-1-081607 (lab # 196922-028) had pH greater than 2, however the sample was analyzed within 7 days. No other analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
5035 samples not analyzed within 48 hours were frozen. Low surrogate recoveries were observed for trifluorotoluene (FID) in MW-1-3.0 (lab # 196922-007) and EB-4-10.2 (lab # 196922-017), due to matrix interference; the corresponding bromofluorobenzene (FID) surrogate recoveries were within limits. High surrogate recoveries were observed for bromofluorobenzene (FID) and trifluorotoluene (FID) in many samples, due to matrix interference. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
EB-1-081607 (lab # 196922-028) had pH greater than 2, however the sample was analyzed within 7 days. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
Low response was observed for ethyl tert-butyl ether (ETBE) in the CCV analyzed 08/22/07 17:43; this analyte met minimum response criteria, and affected data was qualified with "b". High recovery was observed for 1,2-dichloroethane in the LCS for batch 128588; this analyte was not detected at or above the RL in the associated sample. High recoveries were observed for 1,2-dichloroethane, MTBE, and tert-butyl alcohol (TBA) in the MS for batch 128588; the parent sample was not a project sample, and these analytes were not detected at or above the RL in the associated sample. High RPD was observed for a number of analytes in the MS/MSD for batch 128588; these analytes were not detected at or above the RL in the associated sample. Low recoveries were observed for ethyl tert-butyl ether (ETBE), methyl tert-amyl ether (TAME), and m,p-xylenes in the MS/MSD for batch 128722; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits. High recovery was observed for tert-butyl alcohol (TBA) in the MSD of EB-2-9.0 (lab # 196922-025); the LCS was within limits, the associated RPD was within limits, and this analyte was not

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	196922
Client:	Geomatrix Consultants
Project:	11037.001
Location:	Sebanc-Alameda
Request Date:	08/17/07
Samples Received:	08/17/07

Volatile Organics by GC/MS (EPA 8260B) Soil:

detected at or above the RL in the associated samples. Responses exceeding the instrument's linear range were observed for ethylbenzene in the MS/MSD of EB-2-9.0 (lab # 196922-025); affected data was qualified with "b". High surrogate recoveries were observed for bromofluorobenzene and 1,2-dichloroethane-d4 in a number of samples. High surrogate recovery was observed for dibromofluoromethane in EB-1-14.0 (lab # 196922-012); no target analytes were detected in the sample. EB-5-2.5 (lab # 196922-022) was not diluted; the low sample weight is due to 5035 packaging. MW-1-8.5 (lab # 196922-004) was diluted due to high levels of hydrocarbons. No other analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

CHAIN-OF-CUSTODY RECORD #196922 **OAK 12436**

PROJECT NAME: Sevanc - Alameda			DATE: 8/16/07 PAGE 1 OF 3
PROJECT NUMBER: 11037.001	LABORATORY NAME: Curtis & Tompkins	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: J. Torrens / A. Patton	LABORATORY ADDRESS:		
TURNAROUND TIME: Std	Berkeley, CA		
SAMPLE SHIPMENT METHOD: Lab Courier	LABORATORY CONTACT: Robert Butler		GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 510-204-2231		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

	DATE	TIME	SAMPLE NUMBER	TPHg (8015m)	VOCs* (8260)	Lead (6010)		HOLD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type*	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-1	8/15/07	0915	MW-2-7.0					X	5 VOAs (40mL)	S	N	Methanol; Sodium bis.	Y		5	
-2		0930	MW-2-10.5	X	X	X	MW									
-3		1420	MW-1-5.5					X								
-4		1423	MW-1-8.5	X	X											▲High concentrations expected
-5		1440	MW-1-12.0	X	X											
-6		1455	MW-1-14.5	X	X											
-7		1535	MW-1-3.0	X	X											
-8		1642	EB-9-2.0			X			5 VOAs, 1 8-oz jar						6	
-9		1650	EB-8-1.5			X										
-10	8/16/07	0835	EB-1-4.0					X								
-11		0855	EB-1-10.5	X	X	X										expected high concentrations
-12		0900	EB-1-14.0	X	X	X										
-13		0925	EB-10-2.0	X	X	X										
-14		0942	EB-11-2.0	X	X	X										
-15		1025	EB-6-9.5	X	X	X										expected high concentrations

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	8/16/07	1730	SIGNATURE:		
PRINTED NAME: Mary Patton			PRINTED NAME:		
COMPANY: Geomatrix			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 83

SAMPLING COMMENTS: * BTEX, 5 Fuel Oxygenates (TAME, DIPE, ETBE, TAA, TBA), 2 Fuel additives (EDB, 1,2-DCA) only.

* preserved w/methanol and sodium bisulfate

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

#196922

CHAIN-OF-CUSTODY RECORD OAK 12437

PROJECT NAME: Sebanc - Alameda			DATE: 8/16/07 PAGE 2 OF 3
PROJECT NUMBER: 11037.001	LABORATORY NAME: Curtis & Tompkins	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: J. Torres, A. Patton	LABORATORY ADDRESS:		
TURNAROUND TIME: Std	Berkeley, CA		
SAMPLE SHIPMENT METHOD: Lab Courier	LABORATORY CONTACT: Robert Butler		GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 510-204-2231		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	TPHg (8015m)	VOCs* (8260)	Lead (6010)	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-16	8/16/07	1030	EB-6-14.0	X	X	X	5 VOAs, 1 8-oz jar	S	N	*	Y	N	6	
-17		1135	EB-4-10.2	X	X	X							6	expected high concentrations
-18		1145	EB-4-6.5	X	X	X							6	
-19		1150	EB-4-13.0	X	X	X							6	
-20		1245	EB-3-9.0	X	X	X							6	
-21		1255	EB-3-11.8	X	X	X							6	
-22		1335	EB-5-2.5	X	X	X							6	
-23		1355	EB-5-9.0	X	X	X							6	expected high concentrations
-24		1405	EB-5-12.5	X	X	X	10 VOAs, 1 8-oz jar					X	11	MS/MSD (1)
-25		1420	EB-2-9.0	X	X	X	5 VOAs, 1 8-oz jar					X	11	MS/MSD - expected high conc. (1)
-26		1435	EB-2-13	X	X	X	10 VOAs					X	6	MS/MSD (1)
-27		—	TB-081607	X	X		2 VOAs	O		sodium bisulfate		N	2	(2)

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	8/16/07	1730	SIGNATURE:		
PRINTED NAME: Avery Patton			PRINTED NAME:		
COMPANY: Geomatrix			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: * BTEX, 5 Fuel Oxygenates (TAME, DIPE, ETBE, TAA, TBA), 2 Fuel additives (EDB, 1,2-DCA) only.

* Preserved w/ methanol and sodium bisulfate

(1) pls run MS/MSDs on EB-5-12.5 and EB-2-9 only

(2) pls run trip blank - no soil in sample - talk to R. Butler w/ Questions

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
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Geomatrix

#196922

CHAIN-OF-CUSTODY RECORD OAK 12334

PROJECT NAME: Sebanc-Alameda		DATE: 8/16/07	PAGE 3 OF 3
PROJECT NUMBER: 11037.001	LABORATORY NAME: CURTIS + TOMKINS	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: S. TORRENS/A. PATTON	LABORATORY ADDRESS:		
TURNAROUND TIME: STANDARD	BERKELEY, CA		
SAMPLE SHIPMENT METHOD: lab courier	LABORATORY CONTACT: ROBERT BUTLER		GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER: 510-204-2231		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE): [signature]

	DATE	TIME	SAMPLE NUMBER	TPHg (8015M)	VOCs (8260) ①	LEAD (6010)	HOLD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-28	8/16/07	0945	EB-1-081607	X	X			40ml VOAs	W	N	HCL	Y	N	6	
-29	↓	1040	EB-6-081607	~~X~~	~~X~~ AMP		X	↓	↓	↓	↓	↓	↓	6	
-30		1215	EB-4-081607	X	X									6	
-31		1315	EB-3-081607				X							6	
-32		1430	EB-5-081607				X						Y	12	MS/MSD ②
-33		1450	EB-~~2~~ AMP -081607				X						N	6	~~MS/MSD~~ AMP
	↓	1510	EB-30-081607				X	↓	↓	↓	↓	↓	N	6	

AMP

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: [signature]	8/16/07	1730	SIGNATURE:		
PRINTED NAME: Avery Patton			PRINTED NAME:		
COMPANY: Geomatrix			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: ① Analyze BTEX, FUEL OXYGENATES (TAME, DIPE, ETBE, TAA, TBA), 2 FUEL ADDITIVES (EDB, 1,2-DCA) ONLY
② MS/MSD on EB-5-081607, if analyzed later

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Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

Curtis & Tompkins, Ltd.

COOLER RECEIPT CHECKLIST

Login#:_____ Date Received: 8-17-2007 Number of Coolers: 2
Client: GEOMATRIX Project: SEBONC - ALAMEDA

A. Preliminary Examination Phase
Date Opened: 8-17-2007 By (print): KAZAMA (sign) [signature]

1. Did cooler come with a shipping slip (airbill, etc.)? ..... YES NO
   If YES, enter carrier name and airbill number:_____
2. Were custody seals on outside of cooler? ..... YES NO
   How many and where? 1 Seal date: 8-16-07 Seal name: QEC
3. Were custody seals unbroken and intact at the date and time of arrival? ..... YES NO
4. Were custody papers dry and intact when received? ..... YES NO
5. Were custody papers filled out properly (ink, signed, etc.)? ..... YES NO
6. Did you sign the custody papers in the appropriate place? ..... YES NO
7. Was project identifiable from custody papers? ..... YES NO
   If YES, enter project name at the top of this form.
8. Describe type of packing in cooler: ZIPLOCS
9. If required, was sufficient ice used? Samples should be <=6 degrees C. ..... YES NO
   Type of ice: WET Temperature: NO TEMP BLANK
10. Were Encore sampling devices present in the cooler? ..... YES NO
    If YES, enter time they were transferred to the freezer _____

B. Login Phase
Date Logged In: 8-17-2007 By (print) KAZAMA (sign) [signature]

1. Did all bottles arrive unbroken? ..... YES NO
2. Were labels in good condition and complete (ID, date, time, signature, etc.)? ..... YES NO
3. Did bottle labels agree with custody papers? ..... YES NO
4. Were appropriate containers used for the tests indicated? ..... YES NO
5. Were correct preservatives added to samples? ..... YES NO
6. Was sufficient amount of sample sent for tests indicated? ..... YES NO
7. Were bubbles absent in VOA samples? If NO, list sample Ids below ..... YES NO
8. Was the client contacted concerning this sample delivery? ..... YES NO
   If YES, give details below.
   Who was called?_____ By whom?_____ Date:_____

Additional Comments:

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	08/16/07
Units:	ug/L	Received:	08/17/07
Diln Fac:	1.000		

Field ID: EB-1-081607
Type: SAMPLE
Lab ID: 196922-028
Batch#: 128662
Analyzed: 08/22/07

Analyte	Result	RL
Gasoline C7-C12	7,000	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	133	72-136
Bromofluorobenzene (FID)	130	78-131

Field ID: EB-4-081607
Type: SAMPLE
Lab ID: 196922-030
Batch#: 128603
Analyzed: 08/21/07

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	119	72-136
Bromofluorobenzene (FID)	126	78-131

Type: BLANK
Lab ID: QC402142
Batch#: 128603
Analyzed: 08/20/07

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	72-136
Bromofluorobenzene (FID)	92	78-131

Type: BLANK
Lab ID: QC402434
Batch#: 128662
Analyzed: 08/21/07

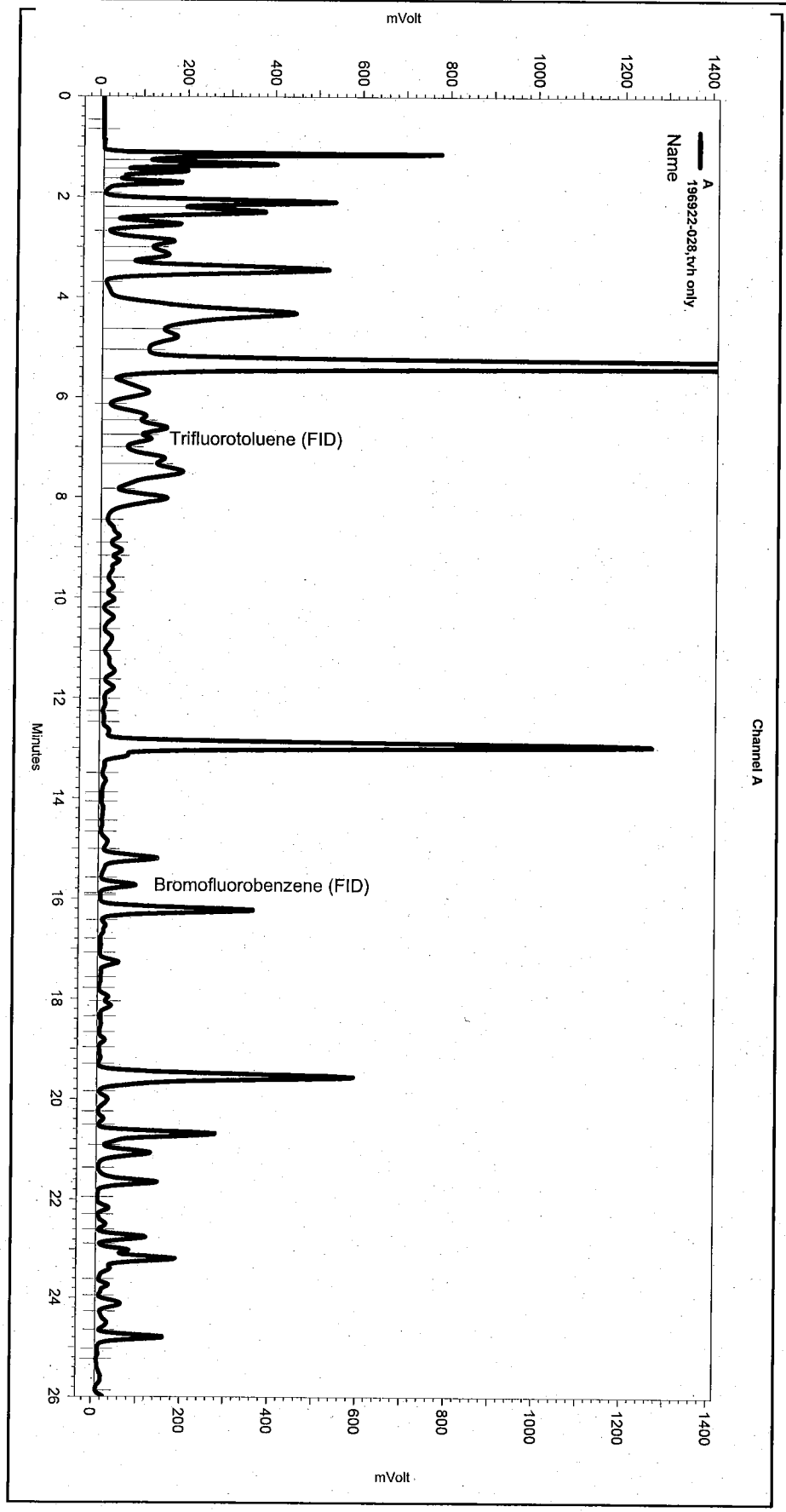
Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	72-136
Bromofluorobenzene (FID)	99	78-131

ND= Not Detected
RL= Reporting Limit

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\233.seq**
Sample Name: **196922-028,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\233_014**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 1 Analyst (lims2k3\tvh1)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe218.met

Software Version 3.1.7
Run Date: 8/22/2007 1:25:29 AM
Analysis Date: 8/22/2007 2:29:41 PM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: D4.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

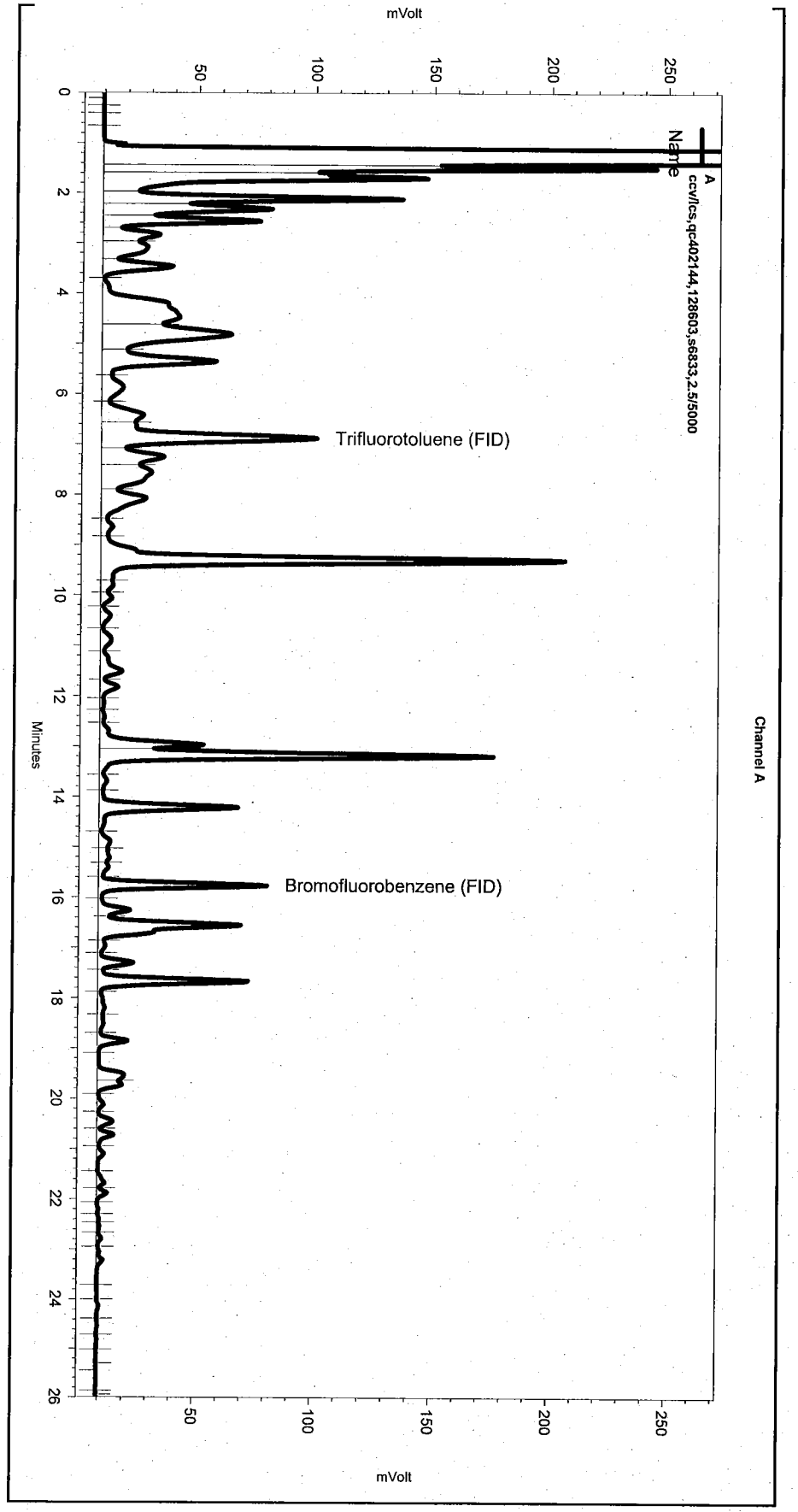
Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\233_014

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	15.895	0	0

EB-1-091607

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\232.seq**
Sample Name: **ccv/lcs,qc402144,128603,s6833,2.5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\232_006**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe218.met

Software Version 3.1.7
Run Date: 8/20/2007 2:11:49 PM
Analysis Date: 8/21/2007 10:13:06 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\232_006

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

gasoline

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC402144	Batch#:	128603
Matrix:	Water	Analyzed:	08/20/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	908.3	91	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	72-136
Bromofluorobenzene (FID)	103	78-131

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC402435	Batch#:	128662
Matrix:	Water	Analyzed:	08/21/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,937	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	121	72-136
Bromofluorobenzene (FID)	118	78-131

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	196923-001	Batch#:	128603
Matrix:	Water	Sampled:	08/14/07
Units:	ug/L	Received:	08/17/07

Type: MS Analyzed: 08/20/07
Lab ID: QC402145

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	22.18	2,000	1,857	92	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	128	72-136
Bromofluorobenzene (FID)	130	78-131

Type: MSD Analyzed: 08/21/07
Lab ID: QC402146

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,602	79	79-120	15	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	132	72-136
Bromofluorobenzene (FID)	129	78-131

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	128662
MSS Lab ID:	197021-001	Sampled:	08/20/07
Matrix:	Water	Received:	08/21/07
Units:	ug/L	Analyzed:	08/21/07
Diln Fac:	1.000		

Type: MS Lab ID: QC402436

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	22.83	2,000	1,568	77 *	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	72-136
Bromofluorobenzene (FID)	107	78-131

Type: MSD Lab ID: QC402437

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,481	73 *	79-120	6	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	72-136
Bromofluorobenzene (FID)	115	78-131

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	MW-2-10.5	Batch#:	128608
Type:	SAMPLE	Sampled:	08/15/07
Lab ID:	196922-002	Analyzed:	08/22/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	5.0 H Y J	0.16

Surrogate	%REC	Limits
Trifluorotoluene (FID)	89	70-132
Bromofluorobenzene (FID)	149 *	66-138

Field ID:	MW-1-8.5	Batch#:	128608
Type:	SAMPLE	Sampled:	08/15/07
Lab ID:	196922-004	Analyzed:	08/21/07
Diln Fac:	1,000		

Analyte	Result	RL
Gasoline C7-C12	1,600 J	160

Surrogate	%REC	Limits
Trifluorotoluene (FID)	134 *	70-132
Bromofluorobenzene (FID)	137	66-138

Field ID:	MW-1-12.0	Batch#:	128608
Type:	SAMPLE	Sampled:	08/15/07
Lab ID:	196922-005	Analyzed:	08/22/07
Diln Fac:	1.000		

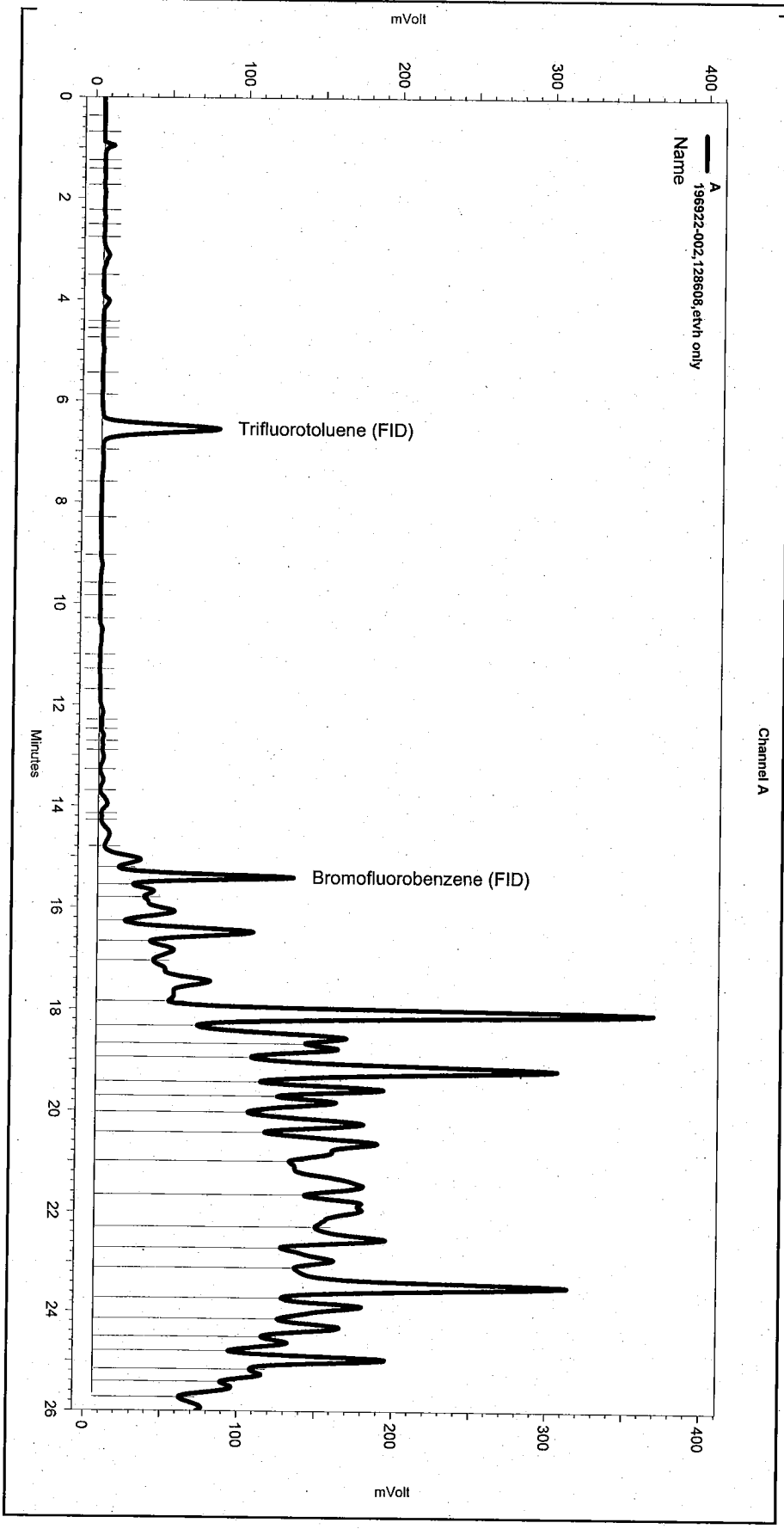
Analyte	Result	RL
Gasoline C7-C12	2.4 J	0.15

Surrogate	%REC	Limits
Trifluorotoluene (FID)	136 *	70-132
Bromofluorobenzene (FID)	132	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq**
Sample Name: **196922-002,128608,etvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\233_021**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/22/2007 12:06:53 AM
Analysis Date: 8/22/2007 9:35:55 AM
Sample Amount: 6.37 Multiplier: 6.37
Vial & pH or Core ID: D



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

Manual Integration Fixes

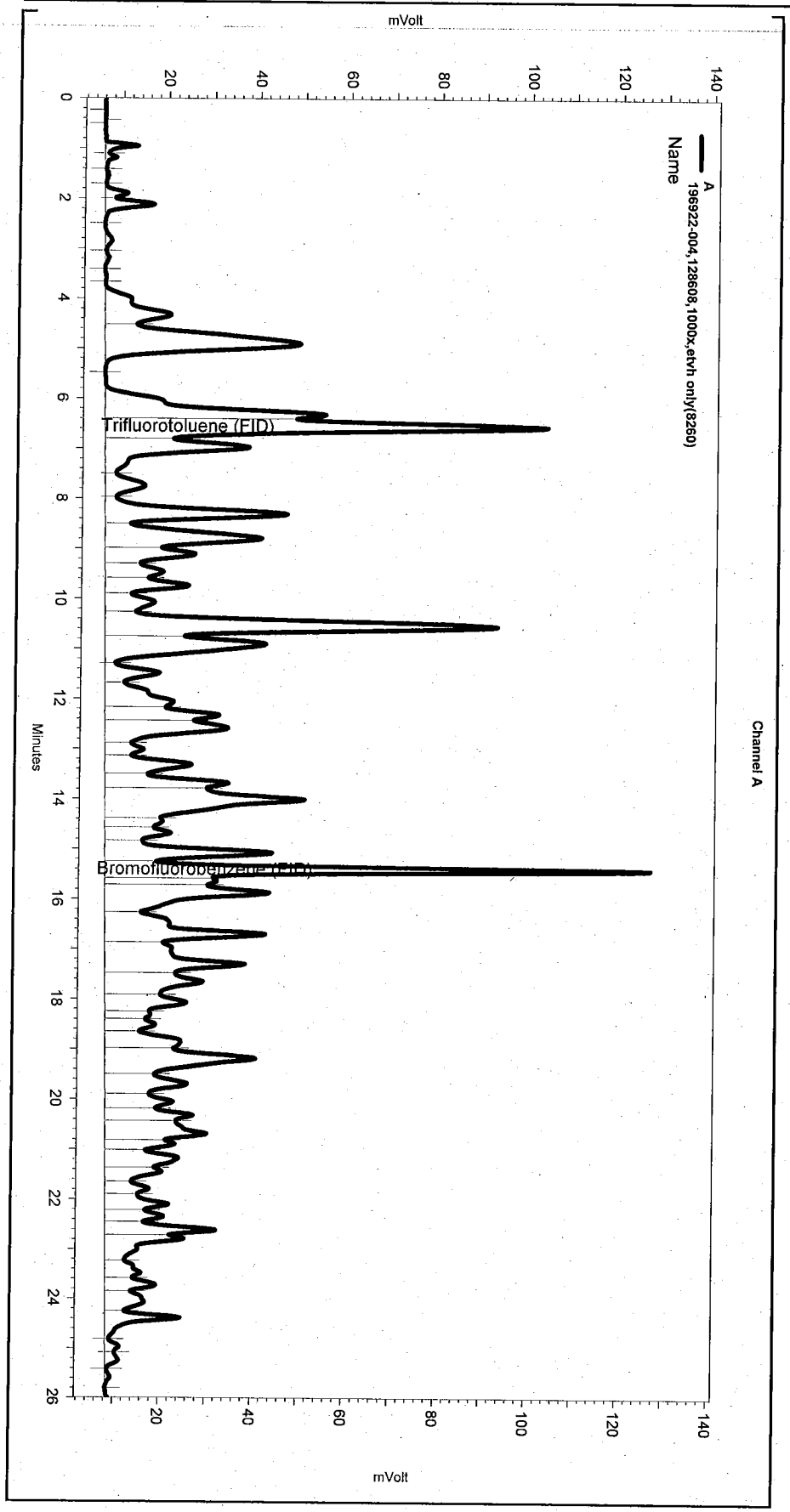
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_021

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Horizontal Baseline	11.287	25.659	0

MW - 2-10,5

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq
Sample Name: **196922-004,128608,1000x,etvh only(8260)**
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_014
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/21/2007 7:46:37 PM
Analysis Date: 8/22/2007 12:19:31 PM
Sample Amount: 6.3 Multiplier: 6.3
Vial & pH or Core ID: B



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

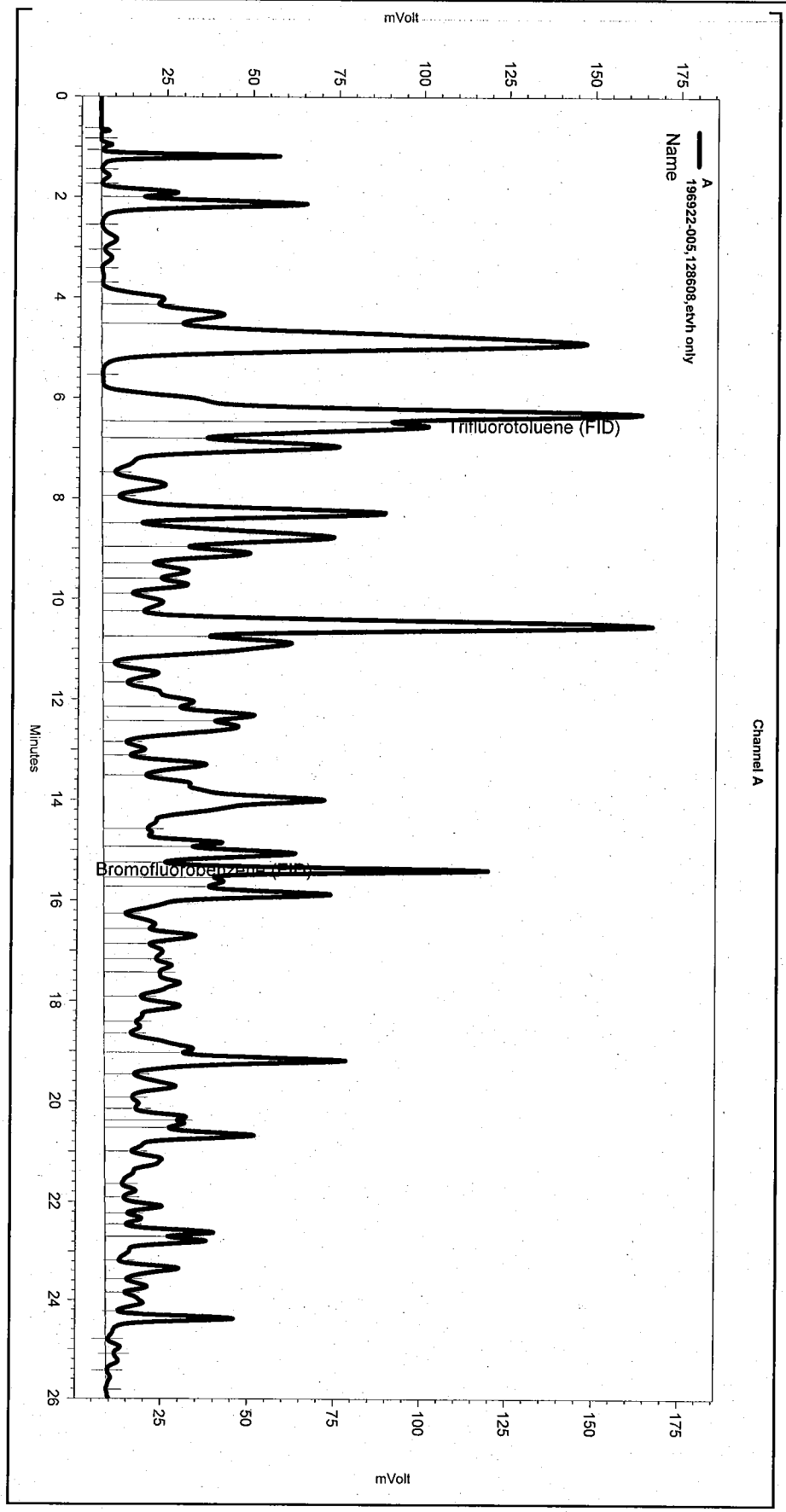
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_014

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

mw-1-8.5

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq**
Sample Name: **196922-005,128608,etvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\233_022**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/22/2007 12:43:58 AM
Analysis Date: 8/22/2007 9:36:00 AM
Sample Amount: 6.68 Multiplier: 6.68
Vial & pH or Core ID: E



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_022

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

mw-1-12.0

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	MW-1-14.5	Batch#:	128608
Type:	SAMPLE	Sampled:	08/15/07
Lab ID:	196922-006	Analyzed:	08/22/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.16

Surrogate	%REC	Limits
Trifluorotoluene (FID)	71	70-132
Bromofluorobenzene (FID)	97	66-138

Field ID:	MW-1-3.0	Batch#:	128608
Type:	SAMPLE	Sampled:	08/15/07
Lab ID:	196922-007	Analyzed:	08/22/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND Y	0.18

Surrogate	%REC	Limits
Trifluorotoluene (FID)	57 *	70-132
Bromofluorobenzene (FID)	90	66-138

Field ID:	EB-1-10.5	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-011	Analyzed:	08/21/07
Diln Fac:	200.0		

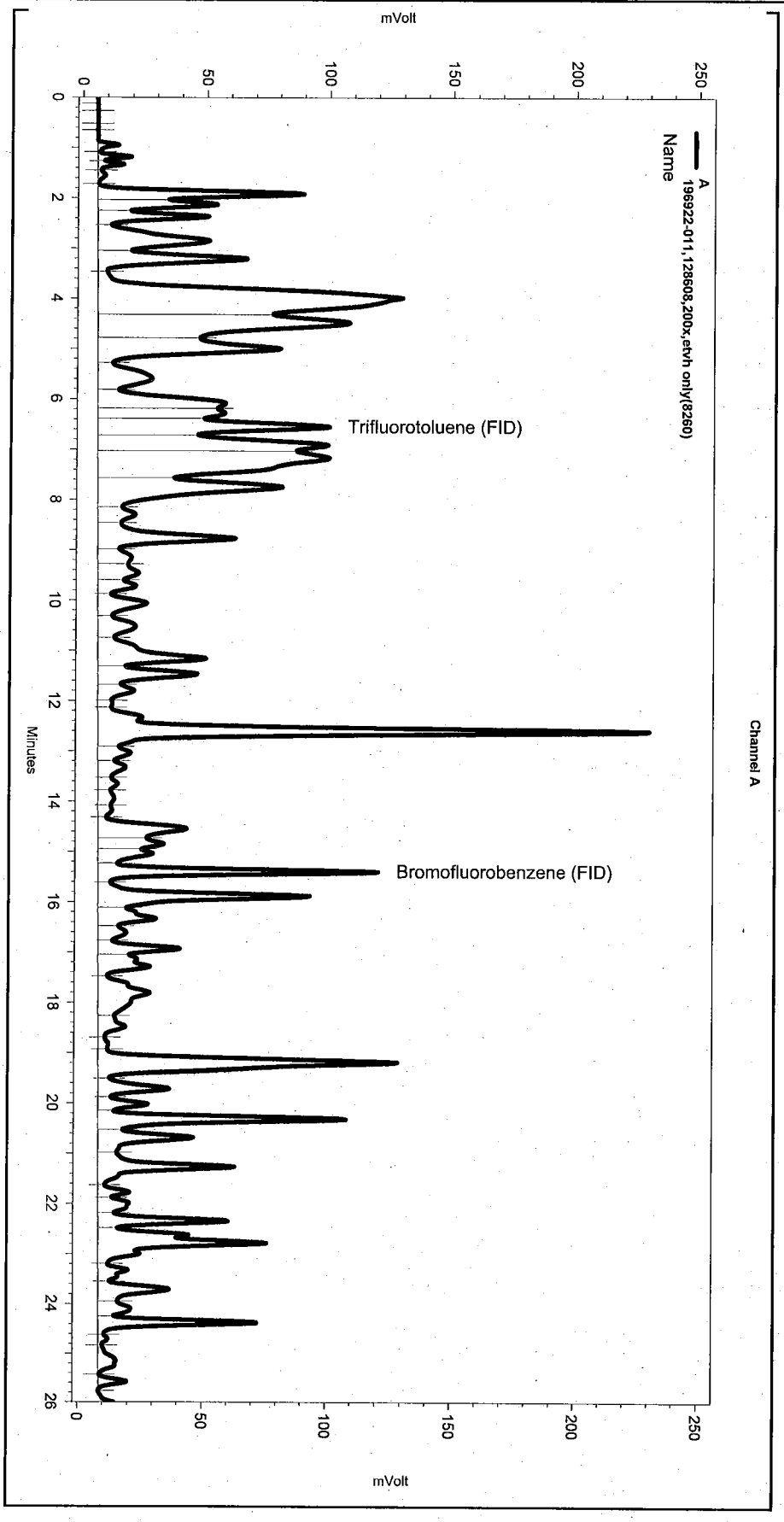
Analyte	Result	RL
Gasoline C7-C12	470	32

Surrogate	%REC	Limits
Trifluorotoluene (FID)	128	70-132
Bromofluorobenzene (FID)	115	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq
Sample Name: **196922-011,128608,200x,etvh only(8260)**
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_015
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/21/2007 8:23:42 PM
Analysis Date: 8/22/2007 12:19:35 PM
Sample Amount: 6.3 Multiplier: 6.3
Vial & pH or Core ID: F



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_015

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

EB-1-10.5

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	EB-1-14.0	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-012	Analyzed:	08/22/07
Diln Fac:	5.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.82

Surrogate	%REC	Limits
Trifluorotoluene (FID)	82	70-132
Bromofluorobenzene (FID)	108	66-138

Field ID:	EB-10-2.0	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-013	Analyzed:	08/22/07
Diln Fac:	5.000		

Analyte	Result	RL
Gasoline C7-C12	ND	1.5

Surrogate	%REC	Limits
Trifluorotoluene (FID)	87	70-132
Bromofluorobenzene (FID)	110	66-138

Field ID:	EB-11-2.0	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-014	Analyzed:	08/22/07
Diln Fac:	5.000		

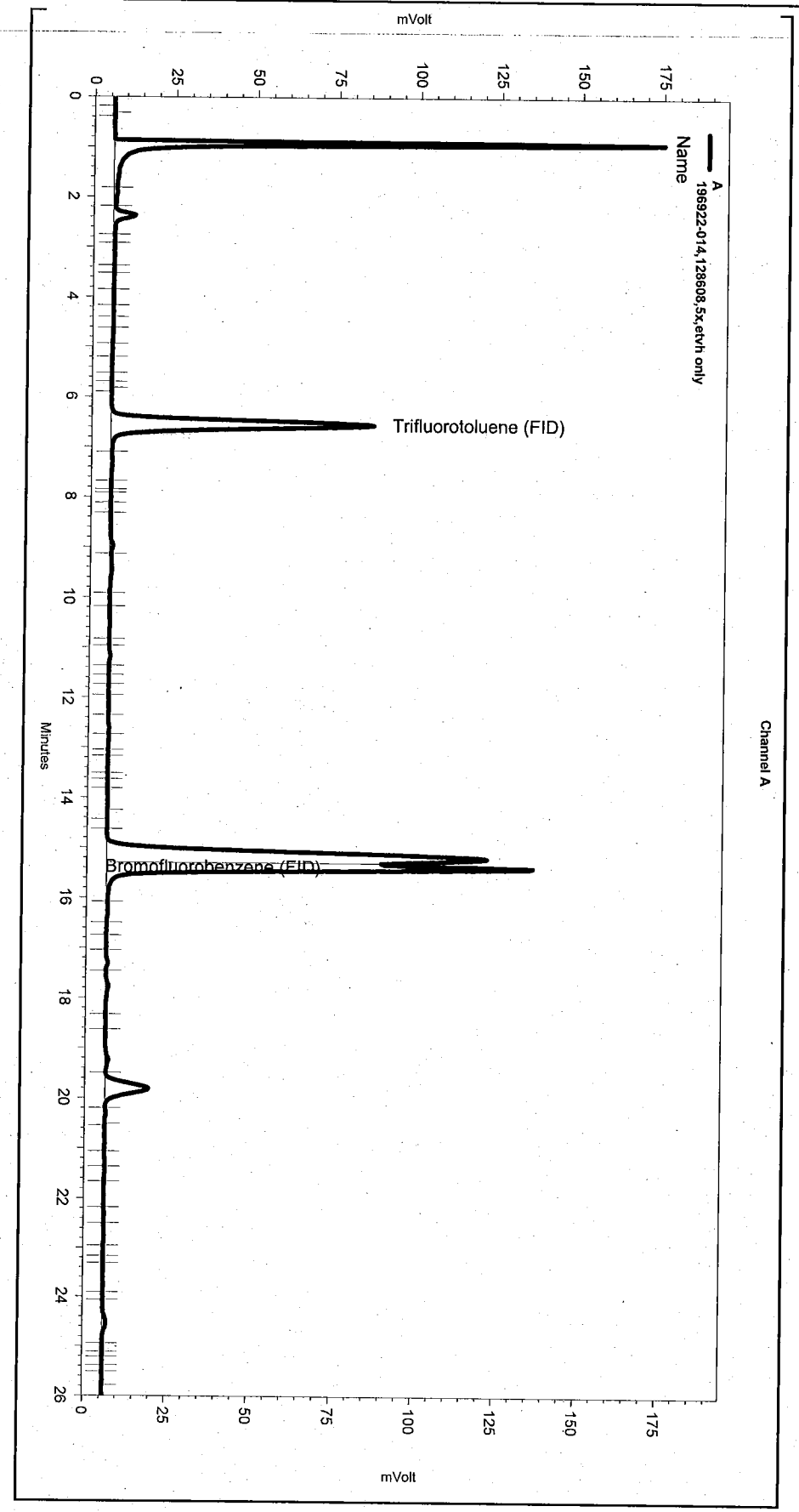
Analyte	Result	RL
Gasoline C7-C12	<1.2 [illegible] 1.2 Y Z	0.95

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	70-132
Bromofluorobenzene (FID)	146 *	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq**
Sample Name: **196922-014,128608,5x,etvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\233_039**
Instrument: GC07 Vial: N/A Operator: Tvh 3. Analyst (lims2k3\tvh3)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/22/2007 3:34:21 PM
Analysis Date: 8/22/2007 4:57:32 PM
Sample Amount: 5.27 Multiplier: 5.27
Vial & pH or Core ID: F



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_039

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

EB-11-20

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	EB-6-9.5	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-015	Analyzed:	08/21/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	4.3	0.16

Surrogate	%REC	Limits
Trifluorotoluene (FID)	92	70-132
Bromofluorobenzene (FID)	108	66-138

Field ID:	EB-6-14.0	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-016	Analyzed:	08/20/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Trifluorotoluene (FID)	118	70-132
Bromofluorobenzene (FID)	151 *	66-138

Field ID:	EB-4-10.2	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-017	Analyzed:	08/22/07
Diln Fac:	1.000		

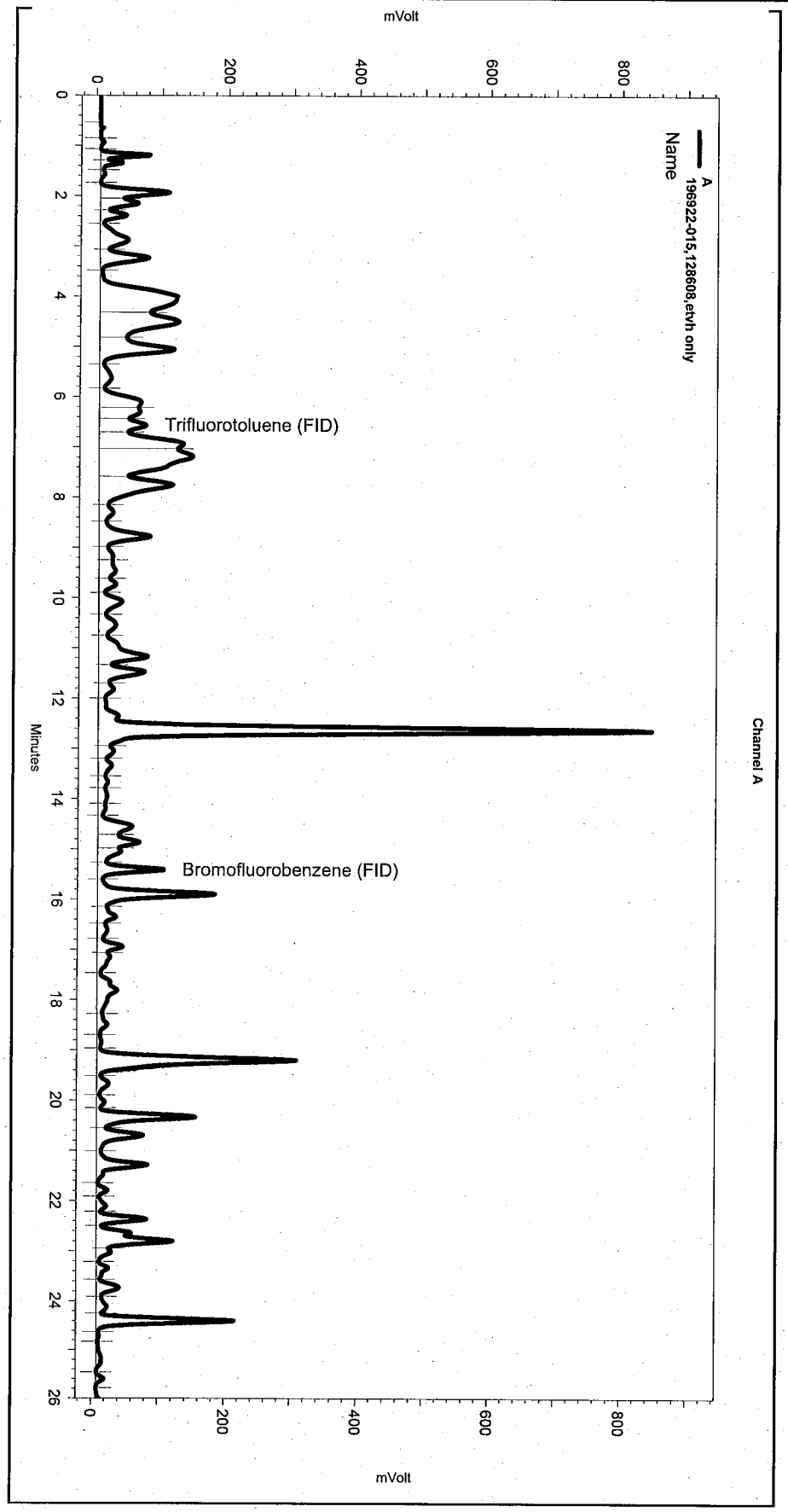
Analyte	Result	RL
Gasoline C7-C12	ND UJ	0.18

Surrogate	%REC	Limits
Trifluorotoluene (FID)	66 *	70-132
Bromofluorobenzene (FID)	94	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq
Sample Name: **196922-015,128608,etvh only**
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_008
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/21/2007 4:03:31 PM
Analysis Date: 8/22/2007 9:34:49 AM
Sample Amount: 6.25 Multiplier: 6.25
Vial & pH or Core ID: D



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_008

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

EB-6-9,5

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	EB-4-6.5	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-018	Analyzed:	08/20/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Trifluorotoluene (FID)	109	70-132
Bromofluorobenzene (FID)	143 *	66-138

Field ID:	EB-4-13.0	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-019	Analyzed:	08/21/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.16

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	70-132
Bromofluorobenzene (FID)	148 *	66-138

Field ID:	EB-3-9.0	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-020	Analyzed:	08/22/07
Diln Fac:	20.00		

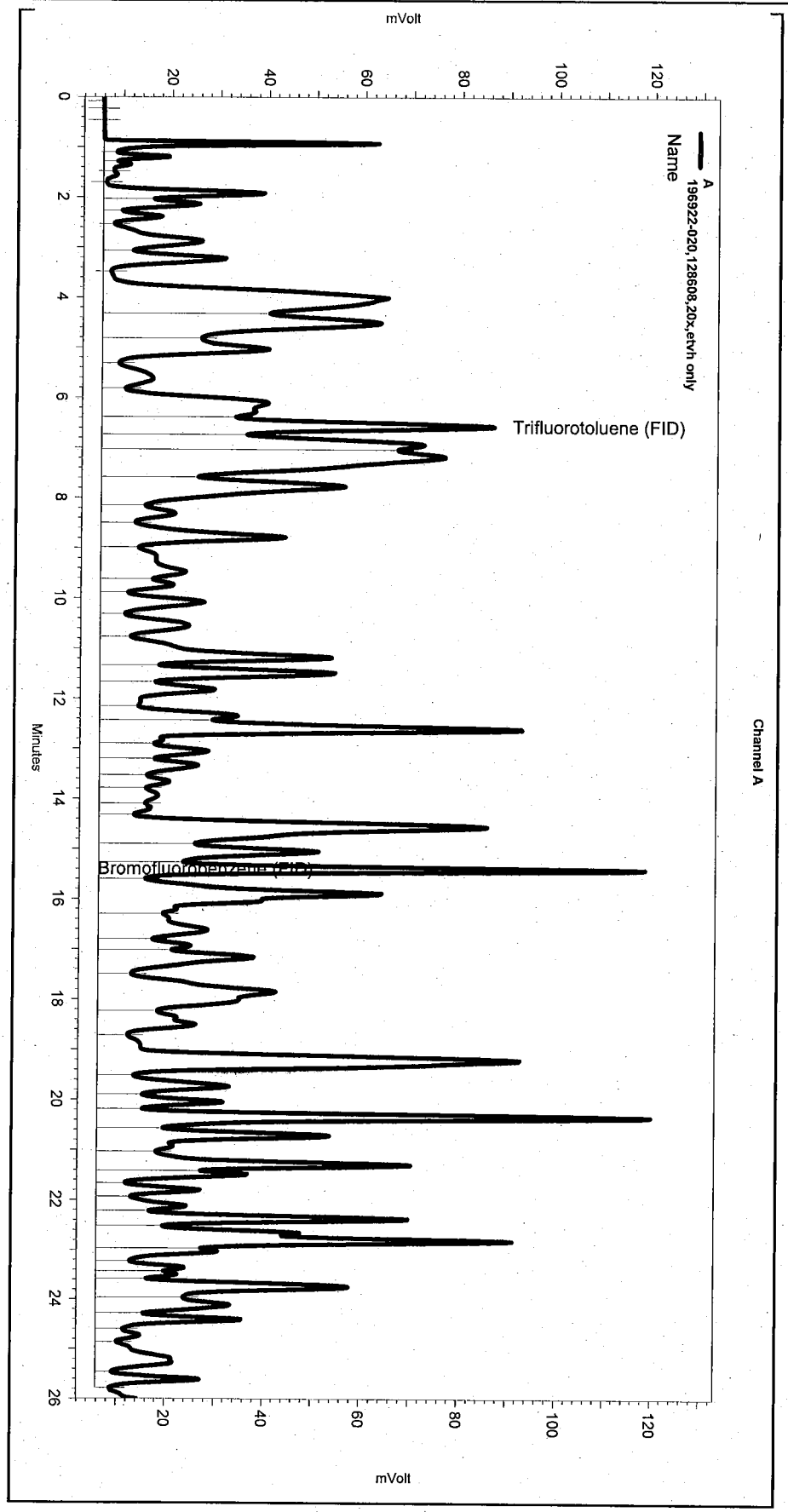
Analyte	Result	RL
Gasoline C7-C12	68	4.4

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	70-132
Bromofluorobenzene (FID)	122	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq**
Sample Name: **196922-020,128608,20x,etvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\233_034**
Instrument: GC07 Vial: N/A Operator: Tvh 3. Analyst (lims2k3\tvh3)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/22/2007 12:14:52 PM
Analysis Date: 8/22/2007 4:57:04 PM
Sample Amount: 4.5 Multiplier: 4.5
Vial & pH or Core ID: F



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_034

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.339	26.017	0

EB -3 -9,0

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	EB-3-11.8	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-021	Analyzed:	08/21/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	70-132
Bromofluorobenzene (FID)	146 *	66-138

Field ID:	EB-5-2.5	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-022	Analyzed:	08/21/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	70-132
Bromofluorobenzene (FID)	118	66-138

Field ID:	EB-5-9.0	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-023	Analyzed:	08/21/07
Diln Fac:	5.000		

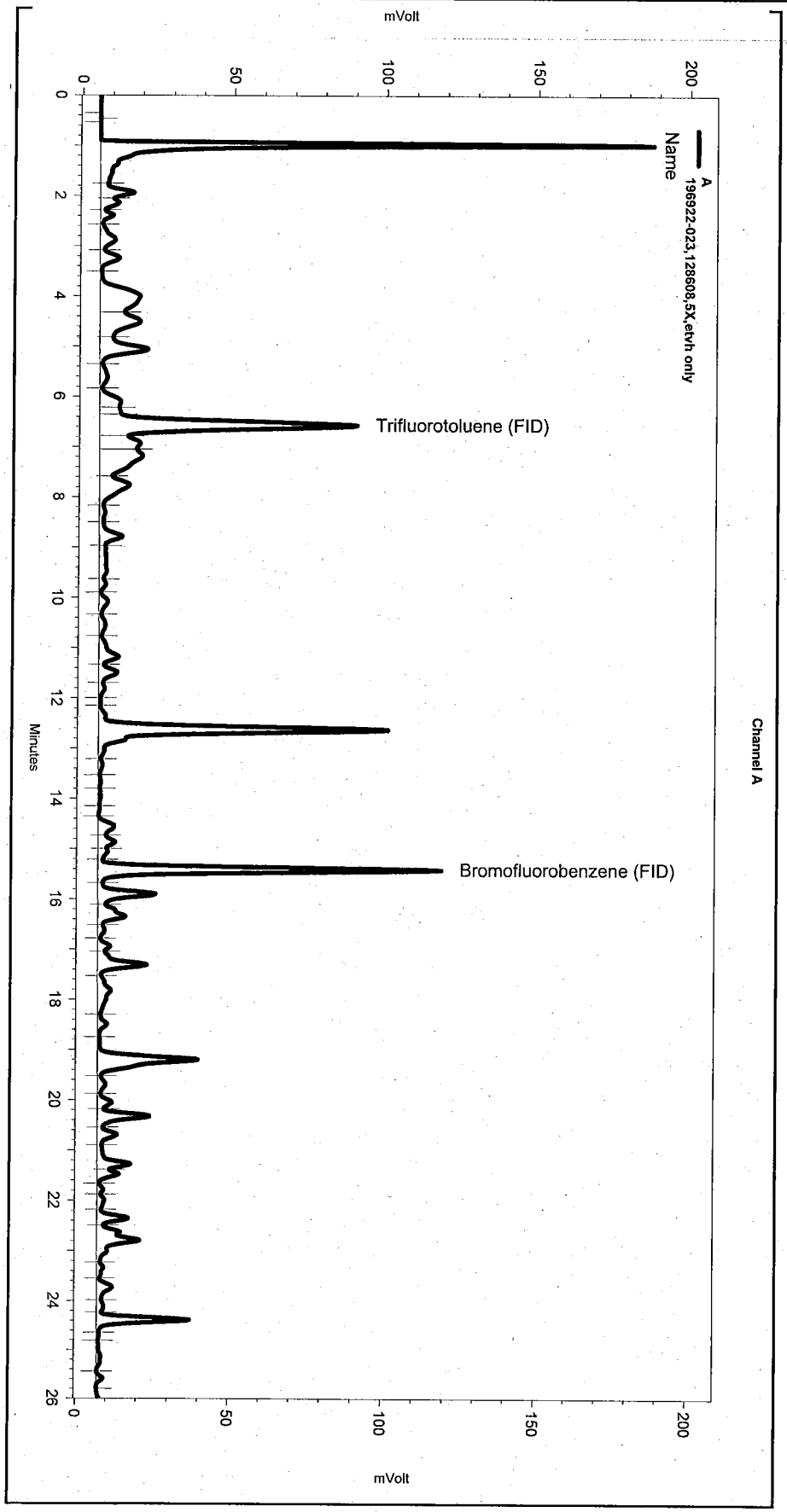
Analyte	Result	RL
Gasoline C7-C12	2.4	0.78

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	70-132
Bromofluorobenzene (FID)	109	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\233.seq**
Sample Name: **196922-023,128608,5X,etvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\233_016**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 8/21/2007 9:01:02 PM
Analysis Date: 8/22/2007 12:19:39 PM
Sample Amount: 6.41 Multiplier: 6.41
Vial & pH or Core ID: B



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\233_016

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.344	0	0

EB - 5.9.0

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	EB-5-12.5	Batch#:	128608
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-024	Analyzed:	08/21/07
Diln Fac:	5.000		

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	70-132
Bromofluorobenzene (FID)	105	66-138

Field ID:	EB-2-9.0	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-025	Analyzed:	08/20/07
Diln Fac:	10.00		

Analyte	Result	RL
Gasoline C7-C12	24 J	2.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	169 *	70-132
Bromofluorobenzene (FID)	146 *	66-138

Field ID:	EB-2-13	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-026	Analyzed:	08/21/07
Diln Fac:	1.000		

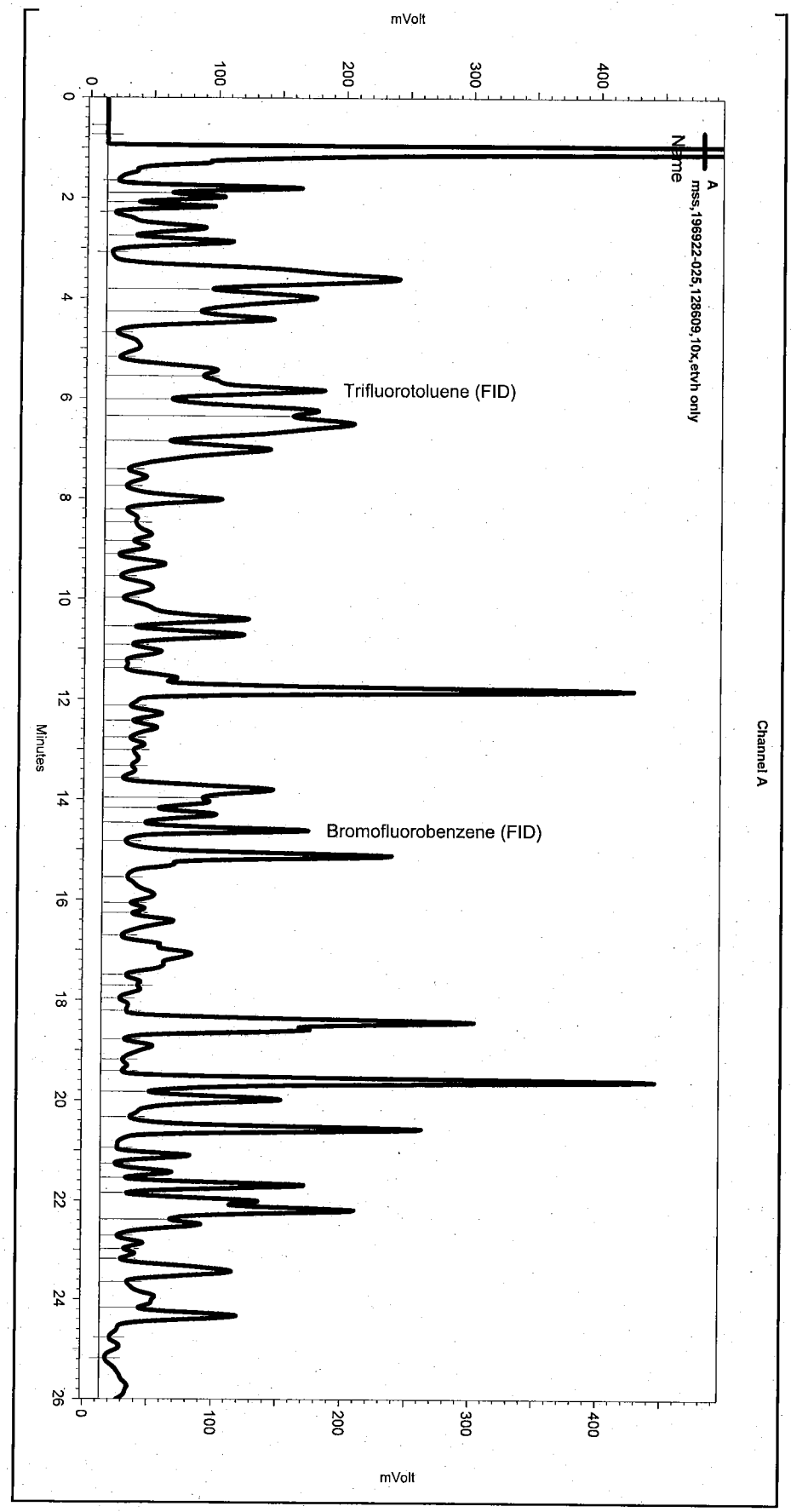
Analyte	Result	RL
Gasoline C7-C12	ND	0.15

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	70-132
Bromofluorobenzene (FID)	150 *	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\232.seq**
Sample Name: **mss,196922-025,128609,10x,etvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\232_009**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe218.met

Software Version 3.1.7
Run Date: 8/20/2007 7:58:15 PM
Analysis Date: 8/21/2007 8:20:57 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: F



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\232_009

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

EB - 2 - 9.0

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	08/17/07

Field ID:	TB-081607	Batch#:	128609
Type:	SAMPLE	Sampled:	08/16/07
Lab ID:	196922-027	Analyzed:	08/21/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	90	70-132
Bromofluorobenzene (FID)	133	66-138

Type:	BLANK	Batch#:	128608
Lab ID:	QC402166	Analyzed:	08/21/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	70-132
Bromofluorobenzene (FID)	103	66-138

Type:	BLANK	Batch#:	128609
Lab ID:	QC402170	Analyzed:	08/20/07
Diln Fac:	1.000		

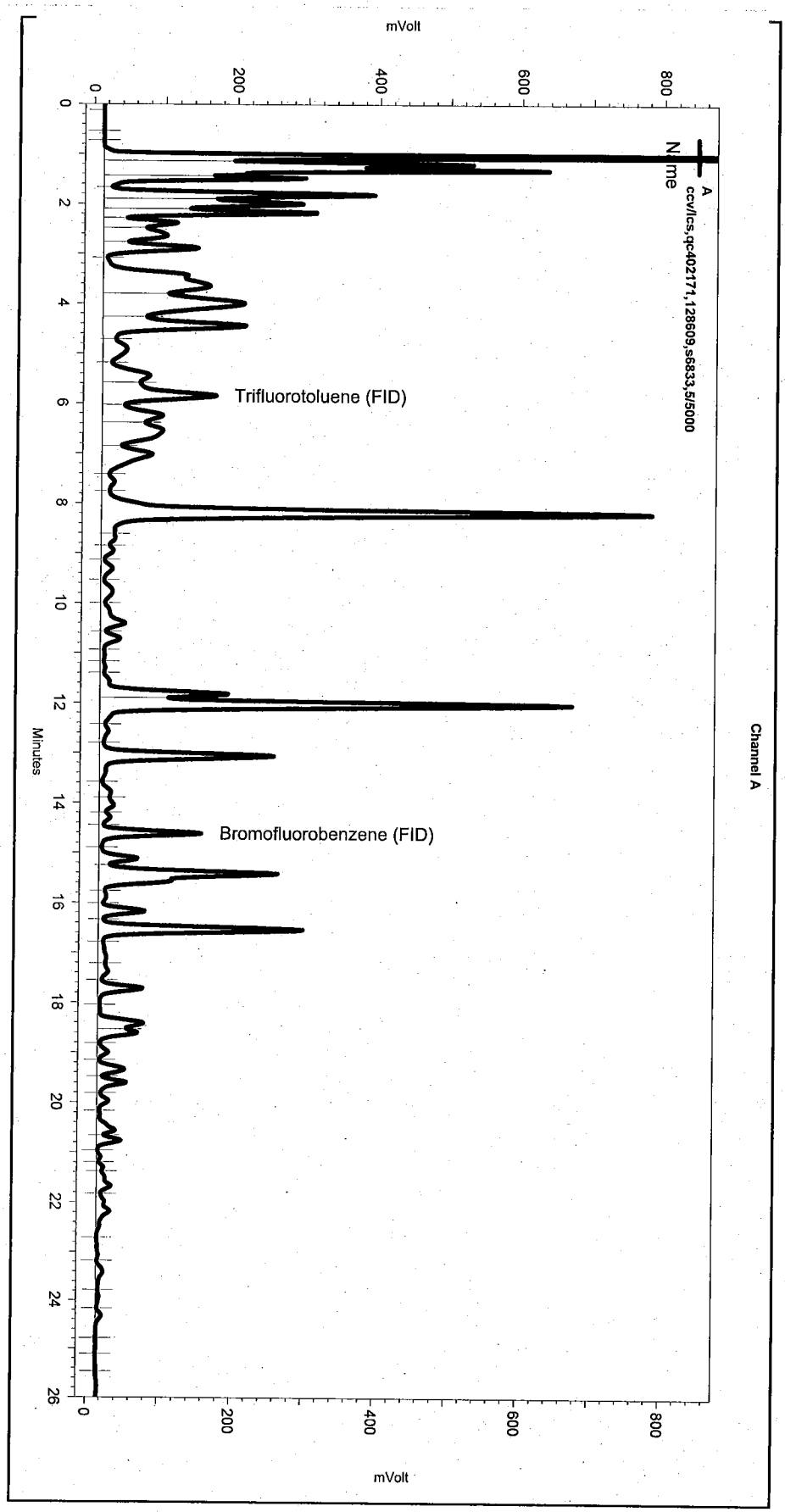
Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	70-132
Bromofluorobenzene (FID)	104	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\232.seq**
Sample Name: **ccv/lcs,qc402171,128609,s6833,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\232_003**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe218.met

Software Version 3.1.7
Run Date: 8/20/2007 10:25:51 AM
Analysis Date: 8/21/2007 8:20:34 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\232_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

gasoline

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)			
Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC402167	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128608
Units:	mg/Kg	Analyzed:	08/21/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.945	99	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	70-132
Bromofluorobenzene (FID)	107	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC402171	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128609
Units:	mg/Kg	Analyzed:	08/20/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.085	91	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	133 *	70-132
Bromofluorobenzene (FID)	110	66-138

*= Value outside of QC limits; see narrative

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Field ID:	EB-5-12.5	Diln Fac:	5.000
MSS Lab ID:	196922-024	Batch#:	128608
Matrix:	Soil	Sampled:	08/16/07
Units:	mg/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/21/07

Type: MS Lab ID: QC402168

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1314	11.24	9.926	87	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	70-132
Bromofluorobenzene (FID)	100	66-138

Type: MSD Lab ID: QC402169

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	11.24	10.71	94	36-120	8	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	107	70-132
Bromofluorobenzene (FID)	103	66-138

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8015B
Field ID:	EB-2-9.0	Diln Fac:	10.00
MSS Lab ID:	196922-025	Batch#:	128609
Matrix:	Soil	Sampled:	08/16/07
Units:	mg/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Type: MS Lab ID: QC402172

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	23.82	19.76	42.26	93	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	149 *	70-132
Bromofluorobenzene (FID)	154 *	66-138

Type: MSD Lab ID: QC402173

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	19.76	42.40	94	36-120	0	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	146 *	70-132
Bromofluorobenzene (FID)	159 *	66-138

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-1-081607	Batch#:	128643
Lab ID:	196922-028	Sampled:	08/16/07
Matrix:	Water	Received:	08/17/07
Units:	ug/L	Analyzed:	08/21/07
Diln Fac:	10.00		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	980	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	11	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	490	5.0
m,p-Xylenes	19	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-123
1,2-Dichloroethane-d4	104	79-134
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-4-081607	Batch#:	128643
Lab ID:	196922-030	Sampled:	08/16/07
Matrix:	Water	Received:	08/17/07
Units:	ug/L	Analyzed:	08/21/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-123
1,2-Dichloroethane-d4	102	79-134
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC402355	Batch#:	128643
Matrix:	Water	Analyzed:	08/21/07
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-123
1,2-Dichloroethane-d4	107	79-134
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	128643
Units:	ug/L	Analyzed:	08/21/07
Diln Fac:	1.000		

Type: BS Lab ID: QC402356

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	62.50	76.96	123	68-132
MTBE	12.50	12.50	100	71-120
Isopropyl Ether (DIPE)	12.50	12.49	100	65-120
Ethyl tert-Butyl Ether (ETBE)	12.50	12.07	97	75-124
1,2-Dichloroethane	12.50	13.09	105	79-121
Benzene	12.50	13.27	106	80-120
Methyl tert-Amyl Ether (TAME)	12.50	13.30	106	77-120
Toluene	12.50	13.65	109	80-120
1,2-Dibromoethane	12.50	13.91	111	80-120
Ethylbenzene	12.50	13.67	109	80-124
m,p-Xylenes	25.00	28.08	112	80-127
o-Xylene	12.50	13.82	111	80-124

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-123
1,2-Dichloroethane-d4	108	79-134
Toluene-d8	104	80-120
Bromofluorobenzene	104	80-122

Type: BSD Lab ID: QC402357

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	62.50	80.10	128	68-132	4	20
MTBE	12.50	12.31	98	71-120	2	20
Isopropyl Ether (DIPE)	12.50	12.39	99	65-120	1	20
Ethyl tert-Butyl Ether (ETBE)	12.50	11.62	93	75-124	4	20
1,2-Dichloroethane	12.50	12.54	100	79-121	4	20
Benzene	12.50	12.21	98	80-120	8	20
Methyl tert-Amyl Ether (TAME)	12.50	12.57	101	77-120	6	20
Toluene	12.50	12.42	99	80-120	9	20
1,2-Dibromoethane	12.50	13.18	105	80-120	5	20
Ethylbenzene	12.50	13.00	104	80-124	5	20
m,p-Xylenes	25.00	27.10	108	80-127	4	20
o-Xylene	12.50	13.21	106	80-124	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-123
1,2-Dichloroethane-d4	104	79-134
Toluene-d8	98	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	MW-2-10.5	Diln Fac:	0.7937
Lab ID:	196922-002	Batch#:	128581
Matrix:	Soil	Sampled:	08/15/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	79
MTBE	ND	4.0
Isopropyl Ether (DIPE)	ND	4.0
Ethyl tert-Butyl Ether (ETBE)	ND	4.0
1,2-Dichloroethane	ND	4.0
Benzene	ND	4.0
Methyl tert-Amyl Ether (TAME)	ND	4.0
Toluene	ND	4.0
1,2-Dibromoethane	ND	4.0
Ethylbenzene	ND	4.0
m,p-Xylenes	ND	4.0
o-Xylene	ND	4.0

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-126
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	92	80-120
Bromofluorobenzene	155 *	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	MW-1-8.5	Diln Fac:	396.8
Lab ID:	196922-004	Batch#:	128788
Matrix:	Soil	Sampled:	08/15/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/24/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	40,000
MTBE	ND	2,000
Isopropyl Ether (DIPE)	ND	2,000
Ethyl tert-Butyl Ether (ETBE)	ND	2,000
1,2-Dichloroethane	ND	2,000
Benzene	ND	2,000
Methyl tert-Amyl Ether (TAME)	ND	2,000
Toluene	ND	2,000
1,2-Dibromoethane	ND	2,000
Ethylbenzene	ND	2,000
m,p-Xylenes	ND	2,000
o-Xylene	ND	2,000

Surrogate	%REC	Limits
Dibromofluoromethane	97	78-126
1,2-Dichloroethane-d4	123	76-135
Toluene-d8	95	80-120
Bromofluorobenzene	154 *	80-126
Trifluorotoluene (MeOH)	DO	58-142

*= Value outside of QC limits; see narrative
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	MW-1-12.0	Diln Fac:	0.7463
Lab ID:	196922-005	Batch#:	128581
Matrix:	Soil	Sampled:	08/15/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	75
MTBE	ND	3.7
Isopropyl Ether (DIPE)	ND	3.7
Ethyl tert-Butyl Ether (ETBE)	ND	3.7
1,2-Dichloroethane	ND	3.7
Benzene	ND	3.7
Methyl tert-Amyl Ether (TAME)	ND	3.7
Toluene	ND	3.7
1,2-Dibromoethane	ND	3.7
Ethylbenzene	ND	3.7
m,p-Xylenes	ND	3.7
o-Xylene	ND	3.7

Surrogate	%REC	Limits
Dibromofluoromethane	92	78-126
1,2-Dichloroethane-d4	120	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	MW-1-14.5	Diln Fac:	1.042
Lab ID:	196922-006	Batch#:	128581
Matrix:	Soil	Sampled:	08/15/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.2
Isopropyl Ether (DIPE)	ND	5.2
Ethyl tert-Butyl Ether (ETBE)	ND	5.2
1,2-Dichloroethane	ND	5.2
Benzene	ND	5.2
Methyl tert-Amyl Ether (TAME)	ND	5.2
Toluene	ND	5.2
1,2-Dibromoethane	ND	5.2
Ethylbenzene	ND	5.2
m,p-Xylenes	ND	5.2
o-Xylene	ND	5.2

Surrogate	%REC	Limits
Dibromofluoromethane	92	78-126
1,2-Dichloroethane-d4	106	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	102	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	MW-1-3.0	Diln Fac:	0.8475
Lab ID:	196922-007	Batch#:	128581
Matrix:	Soil	Sampled:	08/15/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	85
MTBE	ND	4.2
Isopropyl Ether (DIPE)	ND	4.2
Ethyl tert-Butyl Ether (ETBE)	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Methyl tert-Amyl Ether (TAME)	ND	4.2
Toluene	ND	4.2
1,2-Dibromoethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	112	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-1-10.5	Diln Fac:	1,323
Lab ID:	196922-011	Batch#:	128788
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/24/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	130,000
MTBE	ND	6,600
Isopropyl Ether (DIPE)	ND	6,600
Ethyl tert-Butyl Ether (ETBE)	ND	6,600
1,2-Dichloroethane	ND	6,600
Benzene	ND	6,600
Methyl tert-Amyl Ether (TAME)	ND	6,600
Toluene	ND	6,600
1,2-Dibromoethane	ND	6,600
Ethylbenzene	100,000	6,600
m,p-Xylenes	ND	6,600
o-Xylene	ND	6,600

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-126
1,2-Dichloroethane-d4	102	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	98	80-126
Trifluorotoluene (MeOH)	DO	58-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-1-14.0	Diln Fac:	0.8065
Lab ID:	196922-012	Batch#:	128588
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	81
MTBE	ND	4.0
Isopropyl Ether (DIPE)	ND	4.0
Ethyl tert-Butyl Ether (ETBE)	ND	4.0
1,2-Dichloroethane	ND	4.0
Benzene	ND	4.0
Methyl tert-Amyl Ether (TAME)	ND	4.0
Toluene	ND	4.0
1,2-Dibromoethane	ND	4.0
Ethylbenzene	ND	4.0
m,p-Xylenes	ND	4.0
o-Xylene	ND	4.0

Surrogate	%REC	Limits
Dibromofluoromethane	128 *	78-126
1,2-Dichloroethane-d4	152 *	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	115	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-10-2.0	Diln Fac:	1.020
Lab ID:	196922-013	Batch#:	128740
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/23/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.1
Isopropyl Ether (DIPE)	ND	5.1
Ethyl tert-Butyl Ether (ETBE)	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Methyl tert-Amyl Ether (TAME)	ND	5.1
Toluene	ND	5.1
1,2-Dibromoethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-126
1,2-Dichloroethane-d4	124	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-11-2.0	Diln Fac:	0.9615
Lab ID:	196922-014	Batch#:	128740
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/23/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	96
MTBE	ND	4.8
Isopropyl Ether (DIPE)	ND	4.8
Ethyl tert-Butyl Ether (ETBE)	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Methyl tert-Amyl Ether (TAME)	ND	4.8
Toluene	ND	4.8
1,2-Dibromoethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-126
1,2-Dichloroethane-d4	123	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	98	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-6-9.5	Diln Fac:	24.04
Lab ID:	196922-015	Batch#:	128788
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/24/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	2,400
MTBE	ND	120
Isopropyl Ether (DIPE)	ND	120
Ethyl tert-Butyl Ether (ETBE)	ND	120
1,2-Dichloroethane	ND	120
Benzene	ND	120
Methyl tert-Amyl Ether (TAME)	ND	120
Toluene	ND	120
1,2-Dibromoethane	ND	120
Ethylbenzene	1,800	120
m,p-Xylenes	ND	120
o-Xylene	ND	120

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	104	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-126
Trifluorotoluene (MeOH)	97	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-6-14.0	Diln Fac:	0.7246
Lab ID:	196922-016	Batch#:	128594
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	72
MTBE	ND	3.6
Isopropyl Ether (DIPE)	ND	3.6
Ethyl tert-Butyl Ether (ETBE)	ND	3.6
1,2-Dichloroethane	ND	3.6
Benzene	ND	3.6
Methyl tert-Amyl Ether (TAME)	ND	3.6
Toluene	ND	3.6
1,2-Dibromoethane	ND	3.6
Ethylbenzene	ND	3.6
m,p-Xylenes	ND	3.6
o-Xylene	ND	3.6

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-126
1,2-Dichloroethane-d4	113	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	99	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-4-10.2	Diln Fac:	0.9091
Lab ID:	196922-017	Batch#:	128594
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	91
MTBE	ND	4.5
Isopropyl Ether (DIPE)	ND	4.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Methyl tert-Amyl Ether (TAME)	ND	4.5
Toluene	ND	4.5
1,2-Dibromoethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-126
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-4-6.5	Diln Fac:	0.8621
Lab ID:	196922-018	Batch#:	128594
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	86
MTBE	ND	4.3
Isopropyl Ether (DIPE)	ND	4.3
Ethyl tert-Butyl Ether (ETBE)	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Methyl tert-Amyl Ether (TAME)	ND	4.3
Toluene	ND	4.3
1,2-Dibromoethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-126
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-4-13.0	Diln Fac:	0.8197
Lab ID:	196922-019	Batch#:	128594
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	82
MTBE	ND	4.1
Isopropyl Ether (DIPE)	ND	4.1
Ethyl tert-Butyl Ether (ETBE)	ND	4.1
1,2-Dichloroethane	ND	4.1
Benzene	ND	4.1
Methyl tert-Amyl Ether (TAME)	ND	4.1
Toluene	ND	4.1
1,2-Dibromoethane	ND	4.1
Ethylbenzene	ND	4.1
m,p-Xylenes	ND	4.1
o-Xylene	ND	4.1

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-126
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	107	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-3-9.0	Diln Fac:	146.2
Lab ID:	196922-020	Batch#:	128854
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/27/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	15,000
MTBE	ND	730
Isopropyl Ether (DIPE)	ND	730
Ethyl tert-Butyl Ether (ETBE)	ND	730
1,2-Dichloroethane	ND	730
Benzene	990	730
Methyl tert-Amyl Ether (TAME)	ND	730
Toluene	ND	730
1,2-Dibromoethane	ND	730
Ethylbenzene	12,000	730
m,p-Xylenes	1,000	730
o-Xylene	ND	730

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-126
1,2-Dichloroethane-d4	122	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	100	80-126
Trifluorotoluene (MeOH)	105	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-3-11.8	Diln Fac:	0.8475
Lab ID:	196922-021	Batch#:	128594
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	85
MTBE	ND	4.2
Isopropyl Ether (DIPE)	ND	4.2
Ethyl tert-Butyl Ether (ETBE)	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Methyl tert-Amyl Ether (TAME)	ND	4.2
Toluene	ND	4.2
1,2-Dibromoethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	112	78-126
1,2-Dichloroethane-d4	116	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	104	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-5-2.5	Diln Fac:	1.429
Lab ID:	196922-022	Batch#:	128594
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	140
MTBE	ND	7.1
Isopropyl Ether (DIPE)	ND	7.1
Ethyl tert-Butyl Ether (ETBE)	ND	7.1
1,2-Dichloroethane	ND	7.1
Benzene	ND	7.1
Methyl tert-Amyl Ether (TAME)	ND	7.1
Toluene	ND	7.1
1,2-Dibromoethane	ND	7.1
Ethylbenzene	ND	7.1
m,p-Xylenes	ND	7.1
o-Xylene	ND	7.1

Surrogate	%REC	Limits
Dibromofluoromethane	111	78-126
1,2-Dichloroethane-d4	116	76-135
Toluene-d8	104	80-120
Bromofluorobenzene	102	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-5-9.0	Diln Fac:	42.37
Lab ID:	196922-023	Batch#:	128788
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/25/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	4,200
MTBE	ND	210
Isopropyl Ether (DIPE)	ND	210
Ethyl tert-Butyl Ether (ETBE)	ND	210
1,2-Dichloroethane	ND	210
Benzene	ND	210
Methyl tert-Amyl Ether (TAME)	ND	210
Toluene	ND	210
1,2-Dibromoethane	ND	210
Ethylbenzene	3,700	210
m,p-Xylenes	1,100	210
o-Xylene	ND	210

Surrogate	%REC	Limits
Dibromofluoromethane	97	78-126
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	102	80-126
Trifluorotoluene (MeOH)	93	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-5-12.5	Diln Fac:	0.8929
Lab ID:	196922-024	Batch#:	128722
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/22/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	89
MTBE	ND	4.5
Isopropyl Ether (DIPE)	ND	4.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Methyl tert-Amyl Ether (TAME)	ND	4.5
Toluene	ND	4.5
1,2-Dibromoethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	115	78-126
1,2-Dichloroethane-d4	107	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	92	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-2-9.0	Diln Fac:	53.19
Lab ID:	196922-025	Batch#:	128788
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/24/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	5,300
MTBE	ND	270
Isopropyl Ether (DIPE)	ND	270
Ethyl tert-Butyl Ether (ETBE)	ND	270
1,2-Dichloroethane	ND	270
Benzene	440	270
Methyl tert-Amyl Ether (TAME)	ND	270
Toluene	ND	270
1,2-Dibromoethane	ND	270
Ethylbenzene	3,700	270
m,p-Xylenes	ND	270
o-Xylene	ND	270

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-126
1,2-Dichloroethane-d4	108	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-126
Trifluorotoluene (MeOH)	98	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-2-13	Diln Fac:	0.9091
Lab ID:	196922-026	Batch#:	128594
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	91
MTBE	ND	4.5
Isopropyl Ether (DIPE)	ND	4.5
Ethyl tert-Butyl Ether (ETBE)	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Methyl tert-Amyl Ether (TAME)	ND	4.5
Toluene	ND	4.5
1,2-Dibromoethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	111	78-126
1,2-Dichloroethane-d4	116	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	104	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	TB-081607	Diln Fac:	1.000
Lab ID:	196922-027	Batch#:	128722
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/22/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	115	78-126
1,2-Dichloroethane-d4	105	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC402045	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128581
Units:	ug/Kg	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-126
1,2-Dichloroethane-d4	112	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	99	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC402070	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128588
Units:	ug/Kg	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	117	78-126
1,2-Dichloroethane-d4	132	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	114	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC402107	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128594
Units:	ug/Kg	Analyzed:	08/20/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-126
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC402719	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128722
Units:	ug/Kg	Analyzed:	08/22/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	113	78-126
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	91	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC402797	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128740
Units:	ug/Kg	Analyzed:	08/23/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-126
1,2-Dichloroethane-d4	104	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	98	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC403013	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128788
Units:	ug/Kg	Analyzed:	08/24/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-126
1,2-Dichloroethane-d4	109	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC403014	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128788
Units:	ug/Kg	Analyzed:	08/24/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-126
1,2-Dichloroethane-d4	105	76-135
Toluene-d8	95	80-120
Bromofluorobenzene	98	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC403331	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128854
Units:	ug/Kg	Analyzed:	08/27/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-126
1,2-Dichloroethane-d4	110	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	98	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC402044	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128581
Units:	ug/Kg	Analyzed:	08/20/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	131.7	105	56-130
MTBE	25.00	22.19	89	66-120
Isopropyl Ether (DIPE)	25.00	18.37	73	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	19.98	80	68-120
1,2-Dichloroethane	25.00	26.71	107	73-120
Benzene	25.00	24.51	98	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.93	96	73-120
Toluene	25.00	26.26	105	80-120
1,2-Dibromoethane	25.00	25.67	103	80-120
Ethylbenzene	25.00	28.26	113	80-125
m,p-Xylenes	50.00	54.23	108	80-123
o-Xylene	25.00	25.90	104	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-126
1,2-Dichloroethane-d4	113	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	95	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC402071	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128588
Units:	ug/Kg	Analyzed:	08/20/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	250.0	258.3	103	56-130
MTBE	50.00	56.41	113	66-120
Isopropyl Ether (DIPE)	50.00	44.50	89	57-120
Ethyl tert-Butyl Ether (ETBE)	50.00	50.80	102	68-120
1,2-Dichloroethane	50.00	66.82	134 *	73-120
Benzene	50.00	49.90	100	80-120
Methyl tert-Amyl Ether (TAME)	50.00	55.83	112	73-120
Toluene	50.00	54.29	109	80-120
1,2-Dibromoethane	50.00	57.20	114	80-120
Ethylbenzene	50.00	58.59	117	80-125
m,p-Xylenes	100.0	116.1	116	80-123
o-Xylene	50.00	57.05	114	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	117	78-126
1,2-Dichloroethane-d4	123	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	107	80-126

*= Value outside of QC limits; see narrative

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	128594
Basis:	as received	Analyzed:	08/20/07

Type: BS Lab ID: QC402105

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	110.4	88	56-130
MTBE	25.00	20.92	84	66-120
Isopropyl Ether (DIPE)	25.00	24.38	98	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	20.50	82	68-120
1,2-Dichloroethane	25.00	23.02	92	73-120
Benzene	25.00	25.22	101	80-120
Methyl tert-Amyl Ether (TAME)	25.00	21.16	85	73-120
Toluene	25.00	24.74	99	80-120
1,2-Dibromoethane	25.00	26.81	107	80-120
Ethylbenzene	25.00	25.34	101	80-125
m,p-Xylenes	50.00	48.28	97	80-123
o-Xylene	25.00	25.10	100	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-126
1,2-Dichloroethane-d4	90	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	99	80-126

Type: BSD Lab ID: QC402106

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	118.0	94	56-130	7	28
MTBE	25.00	20.53	82	66-120	2	20
Isopropyl Ether (DIPE)	25.00	23.97	96	57-120	2	20
Ethyl tert-Butyl Ether (ETBE)	25.00	20.26	81	68-120	1	20
1,2-Dichloroethane	25.00	22.74	91	73-120	1	20
Benzene	25.00	25.48	102	80-120	1	20
Methyl tert-Amyl Ether (TAME)	25.00	20.77	83	73-120	2	20
Toluene	25.00	24.01	96	80-120	3	20
1,2-Dibromoethane	25.00	26.30	105	80-120	2	20
Ethylbenzene	25.00	24.80	99	80-125	2	20
m,p-Xylenes	50.00	47.05	94	80-123	3	20
o-Xylene	25.00	24.84	99	80-122	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-126
1,2-Dichloroethane-d4	93	76-135
Toluene-d8	95	80-120
Bromofluorobenzene	100	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC402718	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128722
Units:	ug/Kg	Analyzed:	08/22/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	110.1	88	56-130
MTBE	25.00	18.53	74	66-120
Isopropyl Ether (DIPE)	25.00	23.59	94	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	17.25 b	69	68-120
1,2-Dichloroethane	25.00	25.40	102	73-120
Benzene	25.00	28.98	116	80-120
Methyl tert-Amyl Ether (TAME)	25.00	19.28	77	73-120
Toluene	25.00	26.67	107	80-120
1,2-Dibromoethane	25.00	29.14	117	80-120
Ethylbenzene	25.00	27.71	111	80-125
m,p-Xylenes	50.00	54.23	108	80-123
o-Xylene	25.00	27.56	110	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	112	78-126
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	84	80-126

b= See narrative

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC402796	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128740
Units:	ug/Kg	Analyzed:	08/23/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	122.9	98	56-130
MTBE	25.00	24.67	99	66-120
Isopropyl Ether (DIPE)	25.00	25.20	101	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	23.81	95	68-120
1,2-Dichloroethane	25.00	23.22	93	73-120
Benzene	25.00	23.64	95	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.74	95	73-120
Toluene	25.00	24.13	97	80-120
1,2-Dibromoethane	25.00	22.72	91	80-120
Ethylbenzene	25.00	25.75	103	80-125
m,p-Xylenes	50.00	51.53	103	80-123
o-Xylene	25.00	25.14	101	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-126
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC403012	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128788
Units:	ug/Kg	Analyzed:	08/24/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	112.0	90	56-130
MTBE	25.00	24.33	97	66-120
Isopropyl Ether (DIPE)	25.00	25.52	102	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	24.65	99	68-120
1,2-Dichloroethane	25.00	27.21	109	73-120
Benzene	25.00	25.93	104	80-120
Methyl tert-Amyl Ether (TAME)	25.00	25.47	102	73-120
Toluene	25.00	26.96	108	80-120
1,2-Dibromoethane	25.00	25.97	104	80-120
Ethylbenzene	25.00	27.41	110	80-125
m,p-Xylenes	50.00	54.18	108	80-123
o-Xylene	25.00	26.27	105	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-126
1,2-Dichloroethane-d4	108	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	102	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC403330	Diln Fac:	1.000
Matrix:	Soil	Batch#:	128854
Units:	ug/Kg	Analyzed:	08/27/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	123.8	99	56-130
MTBE	25.00	26.98	108	66-120
Isopropyl Ether (DIPE)	25.00	25.51	102	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	26.81	107	68-120
1,2-Dichloroethane	25.00	27.65	111	73-120
Benzene	25.00	26.37	105	80-120
Methyl tert-Amyl Ether (TAME)	25.00	25.65	103	73-120
Toluene	25.00	27.76	111	80-120
1,2-Dibromoethane	25.00	26.11	104	80-120
Ethylbenzene	25.00	28.70	115	80-125
m,p-Xylenes	50.00	58.84	118	80-123
o-Xylene	25.00	28.89	116	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-126
1,2-Dichloroethane-d4	106	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	94	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9804
MSS Lab ID:	196906-001	Batch#:	128588
Matrix:	Miscell.	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/20/07

Type: MS Lab ID: QC402140

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<15.93	245.1	317.9	130 *	45-123
MTBE	<0.3477	49.02	59.59	122 *	55-120
Isopropyl Ether (DIPE)	<0.3040	49.02	44.00	90	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.3000	49.02	50.98	104	58-120
1,2-Dichloroethane	<0.5421	49.02	64.37	131 *	56-120
Benzene	<0.4516	49.02	41.77	85	61-122
Methyl tert-Amyl Ether (TAME)	<0.2997	49.02	55.54	113	60-120
Toluene	<0.4887	49.02	40.34	82	57-124
1,2-Dibromoethane	<0.4354	49.02	52.42	107	57-120
Ethylbenzene	<0.5834	49.02	32.65	67	55-129
m,p-Xylenes	<1.306	98.04	63.82	65	53-127
o-Xylene	0.9979	49.02	32.82	65	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	122	78-126
1,2-Dichloroethane-d4	141 *	76-135
Toluene-d8	104	80-120
Bromofluorobenzene	116	80-126

Type: MSD Lab ID: QC402141

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	245.1	261.8	107	45-123	19	32
MTBE	49.02	48.06	98	55-120	21 *	20
Isopropyl Ether (DIPE)	49.02	34.34	70	50-120	25 *	20
Ethyl tert-Butyl Ether (ETBE)	49.02	40.03	82	58-120	24 *	20
1,2-Dichloroethane	49.02	57.14	117	56-120	12	20
Benzene	49.02	36.93	75	61-122	12	20
Methyl tert-Amyl Ether (TAME)	49.02	44.70	91	60-120	22 *	20
Toluene	49.02	36.83	75	57-124	9	21
1,2-Dibromoethane	49.02	47.59	97	57-120	10	20
Ethylbenzene	49.02	32.51	66	55-129	0	23
m,p-Xylenes	98.04	62.80	64	53-127	2	23
o-Xylene	49.02	31.99	63	54-127	3	22

Surrogate	%REC	Limits
Dibromofluoromethane	120	78-126
1,2-Dichloroethane-d4	138 *	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	117	80-126

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-5-12.5	Batch#:	128594
MSS Lab ID:	196922-024	Sampled:	08/16/07
Matrix:	Soil	Received:	08/17/07
Units:	ug/Kg	Analyzed:	08/20/07
Basis:	as received		

Type: MS
Lab ID: QC402186
Diln Fac: 0.8929

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<6.169	223.2	267.8	120	45-123
MTBE	<0.5060	44.64	36.50	82	55-120
Isopropyl Ether (DIPE)	<0.4721	44.64	40.06	90	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5111	44.64	34.13	76	58-120
1,2-Dichloroethane	<0.6929	44.64	39.41	88	56-120
Benzene	<0.5905	44.64	40.75	91	61-122
Methyl tert-Amyl Ether (TAME)	<0.5856	44.64	34.84	78	60-120
Toluene	<0.4355	44.64	39.35	88	57-124
1,2-Dibromoethane	<0.5846	44.64	46.33	104	57-120
Ethylbenzene	<0.5609	44.64	38.73	87	55-129
m,p-Xylenes	<1.025	89.29	74.01	83	53-127
o-Xylene	<0.4276	44.64	38.75	87	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	114	78-126
1,2-Dichloroethane-d4	111	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	98	80-126

Type: MSD
Lab ID: QC402187
Diln Fac: 0.9091

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	227.3	262.0	115	45-123	4	32
MTBE	45.45	36.31	80	55-120	2	20
Isopropyl Ether (DIPE)	45.45	39.58	87	50-120	3	20
Ethyl tert-Butyl Ether (ETBE)	45.45	34.44	76	58-120	1	20
1,2-Dichloroethane	45.45	37.38	82	56-120	7	20
Benzene	45.45	40.65	89	61-122	2	20
Methyl tert-Amyl Ether (TAME)	45.45	35.20	77	60-120	1	20
Toluene	45.45	40.33	89	57-124	1	21
1,2-Dibromoethane	45.45	46.15	102	57-120	2	20
Ethylbenzene	45.45	40.33	89	55-129	2	23
m,p-Xylenes	90.91	75.79	83	53-127	1	23
o-Xylene	45.45	40.01	88	54-127	1	22

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-126
1,2-Dichloroethane-d4	103	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	99	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9804
MSS Lab ID:	196796-001	Batch#:	128722
Matrix:	Soil	Sampled:	08/14/07
Units:	ug/Kg	Received:	08/15/07
Basis:	as received	Analyzed:	08/23/07

Type: MS Lab ID: QC402765

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<7.258	245.1	152.4	62	45-123
MTBE	<0.5953	49.02	28.22	58	55-120
Isopropyl Ether (DIPE)	<0.5554	49.02	35.33	72	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.6013	49.02	27.16 b	55 *	58-120
1,2-Dichloroethane	<0.8152	49.02	41.24	84	56-120
Benzene	<0.6947	49.02	42.57	87	61-122
Methyl tert-Amyl Ether (TAME)	<0.6889	49.02	28.71	59 *	60-120
Toluene	<0.5124	49.02	36.56	75	57-124
1,2-Dibromoethane	<0.6878	49.02	46.30	94	57-120
Ethylbenzene	0.8265	49.02	27.88	55	55-129
m,p-Xylenes	1.989	98.04	39.66	38 *	53-127
o-Xylene	11.28	49.02	45.95	71	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	123	78-126
1,2-Dichloroethane-d4	102	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	81	80-126

Type: MSD Lab ID: QC402766

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	245.1	169.7	69	45-123	11	32
MTBE	49.02	32.28	66	55-120	13	20
Isopropyl Ether (DIPE)	49.02	35.81	73	50-120	1	20
Ethyl tert-Butyl Ether (ETBE)	49.02	29.60 b	60	58-120	9	20
1,2-Dichloroethane	49.02	43.07	88	56-120	4	20
Benzene	49.02	41.60	85	61-122	2	20
Methyl tert-Amyl Ether (TAME)	49.02	32.07	65	60-120	11	20
Toluene	49.02	36.93	75	57-124	1	21
1,2-Dibromoethane	49.02	46.01	94	57-120	1	20
Ethylbenzene	49.02	32.47	65	55-129	15	23
m,p-Xylenes	98.04	48.89	48 *	53-127	21	23
o-Xylene	49.02	47.25	73	54-127	3	22

Surrogate	%REC	Limits
Dibromofluoromethane	115	78-126
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	94	80-120
Bromofluorobenzene	87	80-126

*= Value outside of QC limits; see narrative
b= See narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	128722
MSS Lab ID:	197030-001	Sampled:	08/22/07
Matrix:	Soil	Received:	08/22/07
Units:	ug/Kg	Analyzed:	08/23/07
Basis:	as received		

Type: MS
Lab ID: QC402888

Diln Fac: 1.020

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<6.610	255.1	237.3	93	45-123
MTBE	<0.5422	51.02	35.89	70	55-120
Isopropyl Ether (DIPE)	<0.5058	51.02	40.56	79	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.5476	51.02	34.08	67	58-120
1,2-Dichloroethane	<0.7424	51.02	46.98	92	56-120
Benzene	<0.6327	51.02	50.26	99	61-122
Methyl tert-Amyl Ether (TAME)	<0.6274	51.02	35.83	70	60-120
Toluene	<0.4666	51.02	46.55	91	57-124
1,2-Dibromoethane	<0.6263	51.02	54.47	107	57-120
Ethylbenzene	<0.6009	51.02	45.77	90	55-129
m,p-Xylenes	<1.098	102.0	90.29	88	53-127
o-Xylene	<0.4581	51.02	47.42	93	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	113	78-126
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	80	80-126

Type: MSD
Lab ID: QC402889

Diln Fac: 0.9091

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	227.3	174.9	77	45-123	19	32
MTBE	45.45	31.89	70	55-120	0	20
Isopropyl Ether (DIPE)	45.45	36.88	81	50-120	2	20
Ethyl tert-Butyl Ether (ETBE)	45.45	30.41	67	58-120	0	20
1,2-Dichloroethane	45.45	43.19	95	56-120	3	20
Benzene	45.45	47.54	105	61-122	6	20
Methyl tert-Amyl Ether (TAME)	45.45	32.20	71	60-120	1	20
Toluene	45.45	43.85	96	57-124	6	21
1,2-Dibromoethane	45.45	49.19	108	57-120	1	20
Ethylbenzene	45.45	43.69	96	55-129	7	23
m,p-Xylenes	90.91	89.32	98	53-127	10	23
o-Xylene	45.45	46.85	103	54-127	10	22

Surrogate	%REC	Limits
Dibromofluoromethane	114	78-126
1,2-Dichloroethane-d4	96	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	82	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9615
MSS Lab ID:	196969-001	Batch#:	128740
Matrix:	Soil	Sampled:	08/17/07
Units:	ug/Kg	Received:	08/20/07
Basis:	as received	Analyzed:	08/23/07

Type: MS Lab ID: QC402833

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<11.68	240.4	249.0	104	45-123
MTBE	<0.4247	48.08	41.55	86	55-120
Isopropyl Ether (DIPE)	<0.2308	48.08	45.35	94	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.2664	48.08	46.32	96	58-120
1,2-Dichloroethane	<0.3037	48.08	40.32	84	56-120
Benzene	<0.1263	48.08	35.14	73	61-122
Methyl tert-Amyl Ether (TAME)	<0.3454	48.08	45.26	94	60-120
Toluene	<0.3360	48.08	32.44	67	57-124
1,2-Dibromoethane	<0.4971	48.08	36.88	77	57-120
Ethylbenzene	<0.4853	48.08	26.95	56	55-129
m,p-Xylenes	<0.8879	96.15	53.84	56	53-127
o-Xylene	<0.5414	48.08	26.85	56	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-126
1,2-Dichloroethane-d4	106	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	100	80-126

Type: MSD Lab ID: QC402834

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	240.4	292.6	122	45-123	16	32
MTBE	48.08	48.53	101	55-120	16	20
Isopropyl Ether (DIPE)	48.08	47.05	98	50-120	4	20
Ethyl tert-Butyl Ether (ETBE)	48.08	49.40	103	58-120	6	20
1,2-Dichloroethane	48.08	42.75	89	56-120	6	20
Benzene	48.08	38.05	79	61-122	8	20
Methyl tert-Amyl Ether (TAME)	48.08	47.33	98	60-120	4	20
Toluene	48.08	34.72	72	57-124	7	21
1,2-Dibromoethane	48.08	39.52	82	57-120	7	20
Ethylbenzene	48.08	28.90	60	55-129	7	23
m,p-Xylenes	96.15	57.92	60	53-127	7	23
o-Xylene	48.08	28.97	60	54-127	8	22

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-126
1,2-Dichloroethane-d4	102	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	EB-2-9.0	Diln Fac:	53.19
MSS Lab ID:	196922-025	Batch#:	128788
Matrix:	Soil	Sampled:	08/16/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	08/25/07

Type: MS Lab ID: QC403018

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<57.74	13,300	15,720	118	45-123
MTBE	<3.813	2,660	2,684	101	55-120
Isopropyl Ether (DIPE)	<3.409	2,660	3,080	116	50-120
Ethyl tert-Butyl Ether (ETBE)	<5.334	2,660	3,125	117	58-120
1,2-Dichloroethane	<2.827	2,660	2,462	93	56-120
Benzene	443.3	2,660	2,925	93	61-122
Methyl tert-Amyl Ether (TAME)	<3.164	2,660	3,011	113	60-120
Toluene	14.85	2,660	2,688	101	57-124
1,2-Dibromoethane	<2.662	2,660	2,459	92	57-120
Ethylbenzene	3,738	2,660	5,721 >LR b	75	55-129
m,p-Xylenes	48.52	5,319	5,548	103	53-127
o-Xylene	9.250	2,660	2,755	103	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-126
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126
Trifluorotoluene (MeOH)	74	58-142

Type: MSD Lab ID: QC403019

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	13,300	16,910	127 *	45-123	7	32
MTBE	2,660	2,677	101	55-120	0	20
Isopropyl Ether (DIPE)	2,660	3,110	117	50-120	1	20
Ethyl tert-Butyl Ether (ETBE)	2,660	3,157	119	58-120	1	20
1,2-Dichloroethane	2,660	2,513	94	56-120	2	20
Benzene	2,660	2,984	96	61-122	2	20
Methyl tert-Amyl Ether (TAME)	2,660	3,025	114	60-120	0	20
Toluene	2,660	2,720	102	57-124	1	21
1,2-Dibromoethane	2,660	2,504	94	57-120	2	20
Ethylbenzene	2,660	5,629 >LR b	71	55-129	NC	23
m,p-Xylenes	5,319	5,474	102	53-127	1	23
o-Xylene	2,660	2,679	100	54-127	3	22

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-126
Trifluorotoluene (MeOH)	79	58-142

*= Value outside of QC limits; see narrative
b= See narrative
NC= Not Calculated
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9804
MSS Lab ID:	197103-009	Batch#:	128854
Matrix:	Soil	Sampled:	08/23/07
Units:	ug/Kg	Received:	08/23/07
Basis:	as received	Analyzed:	08/27/07

Type: MS Lab ID: QC403380

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<6.348	245.1	211.1	86	45-123
MTBE	<0.7055	49.02	49.53	101	55-120
Isopropyl Ether (DIPE)	<0.7766	49.02	47.30	96	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.7202	49.02	50.47	103	58-120
1,2-Dichloroethane	<0.6550	49.02	43.54	89	56-120
Benzene	<0.6987	49.02	41.08	84	61-122
Methyl tert-Amyl Ether (TAME)	<0.6274	49.02	46.88	96	60-120
Toluene	<0.6720	49.02	42.87	87	57-124
1,2-Dibromoethane	<0.7055	49.02	40.26	82	57-120
Ethylbenzene	<0.5125	49.02	44.00	90	55-129
m,p-Xylenes	<1.010	98.04	86.01	88	53-127
o-Xylene	<0.5680	49.02	42.39	86	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	109	78-126
1,2-Dichloroethane-d4	113	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-126

Type: MSD Lab ID: QC403381

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	245.1	201.5	82	45-123	5	32
MTBE	49.02	51.03	104	55-120	3	20
Isopropyl Ether (DIPE)	49.02	48.38	99	50-120	2	20
Ethyl tert-Butyl Ether (ETBE)	49.02	51.36	105	58-120	2	20
1,2-Dichloroethane	49.02	42.27	86	56-120	3	20
Benzene	49.02	39.40	80	61-122	4	20
Methyl tert-Amyl Ether (TAME)	49.02	49.15	100	60-120	5	20
Toluene	49.02	41.21	84	57-124	4	21
1,2-Dibromoethane	49.02	39.30	80	57-120	2	20
Ethylbenzene	49.02	41.93	86	55-129	5	23
m,p-Xylenes	98.04	82.51	84	53-127	4	23
o-Xylene	49.02	40.66	83	54-127	4	22

Surrogate	%REC	Limits
Dibromofluoromethane	105	78-126
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Lead

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 3050B
Project#:	11037.001	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	128669
Matrix:	Soil	Received:	08/17/07
Units:	mg/Kg	Prepared:	08/21/07
Basis:	as received	Analyzed:	08/22/07

Field ID	Type	Lab ID	Result	RL	Diln Fac	Sampled
EB-9-2.0	SAMPLE	196922-008	2.0	0.15	1.000	08/15/07
EB-8-1.5	SAMPLE	196922-009	40	0.15	1.000	08/15/07
EB-1-10.5	SAMPLE	196922-011	4.5	0.15	1.000	08/16/07
EB-1-14.0	SAMPLE	196922-012	1.4	0.15	1.000	08/16/07
EB-10-2.0	SAMPLE	196922-013	550	0.74	5.000	08/16/07
EB-11-2.0	SAMPLE	196922-014	3.3	0.15	1.000	08/16/07
EB-6-9.5	SAMPLE	196922-015	2.5	0.15	1.000	08/16/07
EB-6-14.0	SAMPLE	196922-016	2.0	0.15	1.000	08/16/07
EB-4-10.2	SAMPLE	196922-017	1.8	0.15	1.000	08/16/07
EB-4-6.5	SAMPLE	196922-018	2.3	0.15	1.000	08/16/07
EB-4-13.0	SAMPLE	196922-019	1.7	0.15	1.000	08/16/07
EB-3-9.0	SAMPLE	196922-020	2.0	0.15	1.000	08/16/07
EB-3-11.8	SAMPLE	196922-021	1.8	0.15	1.000	08/16/07
EB-5-2.5	SAMPLE	196922-022	48	0.15	1.000	08/16/07
EB-5-9.0	SAMPLE	196922-023	2.6	0.15	1.000	08/16/07
EB-5-12.5	SAMPLE	196922-024	1.5	0.15	1.000	08/16/07
EB-2-9.0	SAMPLE	196922-025	21	0.15	1.000	08/16/07
EB-2-13	SAMPLE	196922-026	1.2	0.15	1.000	08/16/07
	BLANK	QC402465	ND	0.15	1.000	

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Lead

Lab #:	196922	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 3050B
Project#:	11037.001	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	128669
Matrix:	Soil	Sampled:	08/16/07
Units:	mg/Kg	Received:	08/17/07
Basis:	as received	Prepared:	08/21/07
Diln Fac:	1.000	Analyzed:	08/22/07

Field ID	Type	MSS Lab ID	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
	BS		QC402466		100.0	96.72	97	80-120		
	BSD		QC402467		100.0	95.85	96	80-120	1	20
EB-5-12.5	MS	196922-024	QC402468	1.494	95.24	85.66	88	55-122		
EB-5-12.5	MSD	196922-024	QC402469		97.09	85.07	86	55-122	3	26
EB-2-9.0	MS	196922-025	QC402470	20.80	98.04	101.9	83	55-122		
EB-2-9.0	MSD	196922-025	QC402471		95.24	101.5	85	55-122	2	26

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 197193
ANALYTICAL REPORT

Geomatrix Consultants 2101 Webster Street Oakland, CA 94612	Project : 011037.001 Location : 2301 Linclon Level : II

Sample ID	Lab ID
MW-3-082407	197193-001
MW-1-082407	197193-002
MW-10-082407	197193-003
EB-1-082407	197193-004
TB-1-082407	197193-005
MW-2	197193-006

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 09/13/2007
Project Manager

Signature: _____ Date: 09/13/2007
Operations Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	197193
Client:	Geomatrix Consultants
Project:	011037.001
Location:	2301 Linclon
Request Date:	08/27/07
Samples Received:	08/27/07

This hardcopy data package contains sample and QC results for six water samples, requested for the above referenced project on 08/27/07. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

Responses exceeding the instrument's linear range were observed for bromofluorobenzene (FID) and trifluorotoluene (FID) in MW-1-082407 (lab # 197193-002); affected data was qualified with "b". High surrogate recovery was observed for bromofluorobenzene (FID) in MW-1-082407 (lab # 197193-002). High surrogate recoveries were observed for trifluorotoluene (FID) in MW-1-082407 (lab # 197193-002), the LCS for batch 128933, and the MS/MSD of MW-3-082407 (lab # 197193-001). No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

High recoveries were observed for isopropyl ether (DIPE) in the MS/MSD of MW-3-082407 (lab # 197193-001); the BS/BSD were within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. No other analytical problems were encountered.

#197193

CHAIN-OF-CUSTODY RECORD

OAK 12057

PROJECT NAME: ~~Schnitzer Lincoln, Alameda~~ 2301 Lincoln			DATE: 8/24/07 PAGE 1 OF 1
PROJECT NUMBER: 011037.001	LABORATORY NAME: Curtis & Tompkins	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: Jake Torrens	LABORATORY ADDRESS: 2323 5th St.		EDD necessary
TURNAROUND TIME: Standard	Berkeley, CA 94710		
SAMPLE SHIPMENT METHOD: Courier	LABORATORY CONTACT:		GEOTRACKER REQUIRED (YES) NO
	LABORATORY PHONE NUMBER:		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	EPA 8015-TPHg	EPA 8260*				MS-8260*	MSD-8260*	MS-8015	MSD-8015			HOLD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-1	8-24-07	07:59	MW-3-082407	X	X				X	X	X	X				40 ml-VOA-amber	W	–	HCL	Y	X	18	
-2	8-24-07	09:19	MW-1-082407	X	X												W	–	HCL	Y		6	
-3	8-24-07	10:19	MW-10-082407	X	X												W	–	HCL	Y		6	
-4	8-24-07	9:45	EB-1-082407	X	X												W	–	HCL	Y		6	
-5	8-24-07	—	TB-1-082407	X	X												W	–	HCL	Y		2	
-6	8-24-07	10:50	MW-2	X	X												W	–	HCL	Y		6	

EDD

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	8/24/7	12:55	SIGNATURE:	8-27	8:00
PRINTED NAME: CHARLES DOWMAN			PRINTED NAME: LAURA	2007	
COMPANY: Geomatrix Consultants			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: * BTEX, TAME, DIPE, ETBE, MTBE, TAA, TBA, EDB, 1,2-DCA only

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

bold + initial

#197193

CHAIN-OF-CUSTODY RECORD **OAK 12056**

PROJECT NAME: ~~[illegible]~~ 2301 LINCOLN

DATE: 8/24/07 PAGE 1 OF 1

PROJECT NUMBER: 11037.001

RESULTS TO: Jake Torrens

TURNAROUND TIME: Standard

SAMPLE SHIPMENT METHOD: Courier

LABORATORY NAME: Curtis & Tompkins

LABORATORY ADDRESS: 2323 5th St, Berkeley CA 94710

LABORATORY CONTACT: Steve Stanley

LABORATORY PHONE NUMBER:

CLIENT INFORMATION:

REPORTING REQUIREMENTS: EDD necessary

GEOTRACKER REQUIRED (YES) NO

SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	EPA-8015-TPHg	EPA-8260*	LUFT-5 Metals	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-7	8-24-07	10:37	COMP-1-IDW-GW	X	X		1-L Amber *	W	–	~~HCl~~ N	Y		1	
-8	8-24-07	10:39	COMP-2-IDW-S	X	X	X	1-quart plastic bag	S	–	N	Y		1	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: [signature] PRINTED NAME: CHARLES DOWMAN COMPANY: Geomatrix Consultants	8/24/07	12:55	SIGNATURE: [signature] PRINTED NAME: LOU ZAVALA COMPANY: C&T	8-27 2007	13:10
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: * BTEX, TAME, DIPE, ETBE, MTBE, TAA, EDB, 1,2-DCA only

NOTE= Please pour off VOAs from 1-L amber, for 8015 & 8260 (No VOA left in field)

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141
Geomatrix

COLD & INTACT [initials]

CURTIS & TOMPKINS, LTD. BERKELEY　　LOGIN CHANGE FORM

Reason for change: x Client Request　　By: J.Torrens　　Date/Time: 8/27/07 19:37　　Initials: SES

Login Review　　Data Review

Current Lab ID	Previous Lab ID	Client ID	Matrix	Add/Cancel	Analysis	Duedate
197193-007		COMP-1-IDW-GW	Water	Cancel	TVH, BTOX	8/31
	COC request to pour from 1L amber container was cancelled.					

Curtis & Tompkins, Ltd.

COOLER RECEIPT CHECKLIST

Login#: 197193 Date Received: 8-27-2007 Number of Coolers: 1
Client: GEOMATRIX Project: _____

A. Preliminary Examination Phase
Date Opened: 8-27-2007 By (print): RONZAVALA (sign) _____

1. Did cooler come with a shipping slip (airbill, etc.)? ..... YES (NO)
   If YES, enter carrier name and airbill number: _____
2. Were custody seals on outside of cooler? ..... (YES) NO
   How many and where? 2 Seal date: 8-24-2007 Seal name: QEC
3. Were custody seals unbroken and intact at the date and time of arrival? ..... (YES) NO
4. Were custody papers dry and intact when received? ..... (YES) NO
5. Were custody papers filled out properly (ink, signed, etc.)? ..... (YES) NO
6. Did you sign the custody papers in the appropriate place? ..... YES NO
7. Was project identifiable from custody papers? ..... YES NO
   If YES, enter project name at the top of this form.
8. Describe type of packing in cooler: ZIPLOCs
9. If required, was sufficient ice used? Samples should be <=6 degrees C. ..... (YES) NO
   Type of ice: WET Temperature: 3.5°C
10. Were Encore sampling devices present in the cooler? ..... YES (NO)
    If YES, enter time they were transferred to the freezer _____

B. Login Phase
Date Logged In: 8-27-2007 By (print): RONZAVALA (sign) _____

1. Did all bottles arrive unbroken? ..... (YES) NO
2. Were labels in good condition and complete (ID, date, time, signature, etc.)? ..... (YES) NO
3. Did bottle labels agree with custody papers? ..... YES (NO) *
4. Were appropriate containers used for the tests indicated? ..... (YES) NO
5. Were correct preservatives added to samples? ..... (YES) NO
6. Was sufficient amount of sample sent for tests indicated? ..... (YES) NO
7. Were bubbles absent in VOA samples? If NO, list sample Ids below. ..... (YES) NO
8. Was the client contacted concerning this sample delivery? ..... YES NO
   If YES, give details below.
   Who was called? _____ By whom? _____ Date: _____

Additional Comments:

* 3 ADDITIONAL MW-10-082407 VOAs INCLUDED — RWZ

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	128933
Units:	ug/L	Sampled:	08/24/07
Diln Fac:	1.000	Received:	08/27/07

Field ID: MW-3-082407 Lab ID: 197193-001
Type: SAMPLE Analyzed: 08/29/07

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	72-136
Bromofluorobenzene (FID)	118	78-131

Field ID: MW-1-082407 Lab ID: 197193-002
Type: SAMPLE Analyzed: 08/29/07

Analyte	Result	RL
Gasoline C7-C12	4,100 H L Y J	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	257 *	>LR b 72-136
Bromofluorobenzene (FID)	219 *	>LR b 78-131

Field ID: MW-10-082407 (30) Lab ID: 197193-003
Type: SAMPLE Analyzed: 08/29/07

Analyte	Result	RL
Gasoline C7-C12	ND R	50

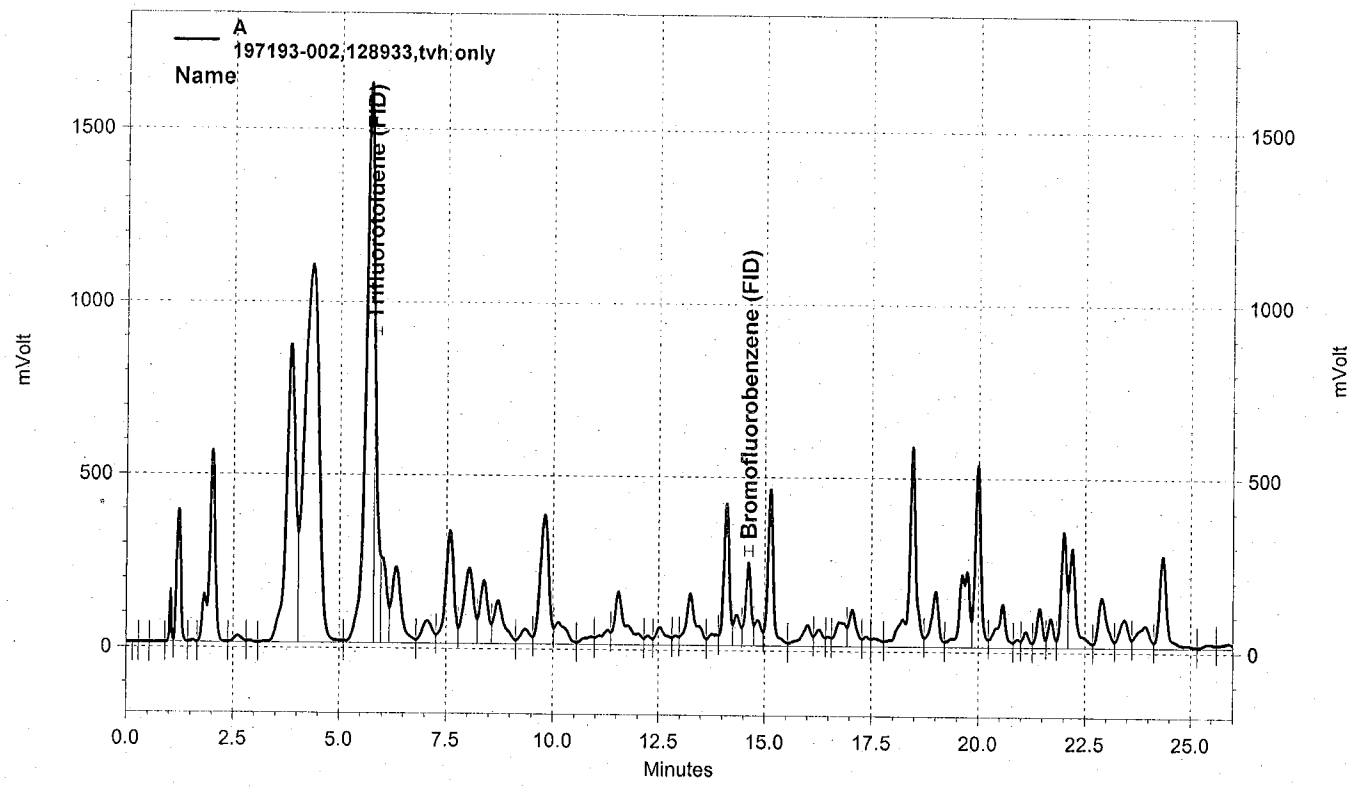
Surrogate	%REC	Limits
Trifluorotoluene (FID)	106	72-136
Bromofluorobenzene (FID)	120	78-131

Field ID: EB-1-082407 Lab ID: 197193-004
Type: SAMPLE Analyzed: 08/29/07

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	72-136
Bromofluorobenzene (FID)	111	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range



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MW-1 -082407

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	128933
Units:	ug/L	Sampled:	08/24/07
Diln Fac:	1.000	Received:	08/27/07

Field ID: TB-1-082407 Lab ID: 197193-005
Type: SAMPLE Analyzed: 08/29/07

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	107	72-136
Bromofluorobenzene (FID)	118	78-131

Field ID: MW-2 Lab ID: 197193-006
Type: SAMPLE Analyzed: 08/29/07

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	72-136
Bromofluorobenzene (FID)	115	78-131

Type: BLANK Analyzed: 08/28/07
Lab ID: QC403711

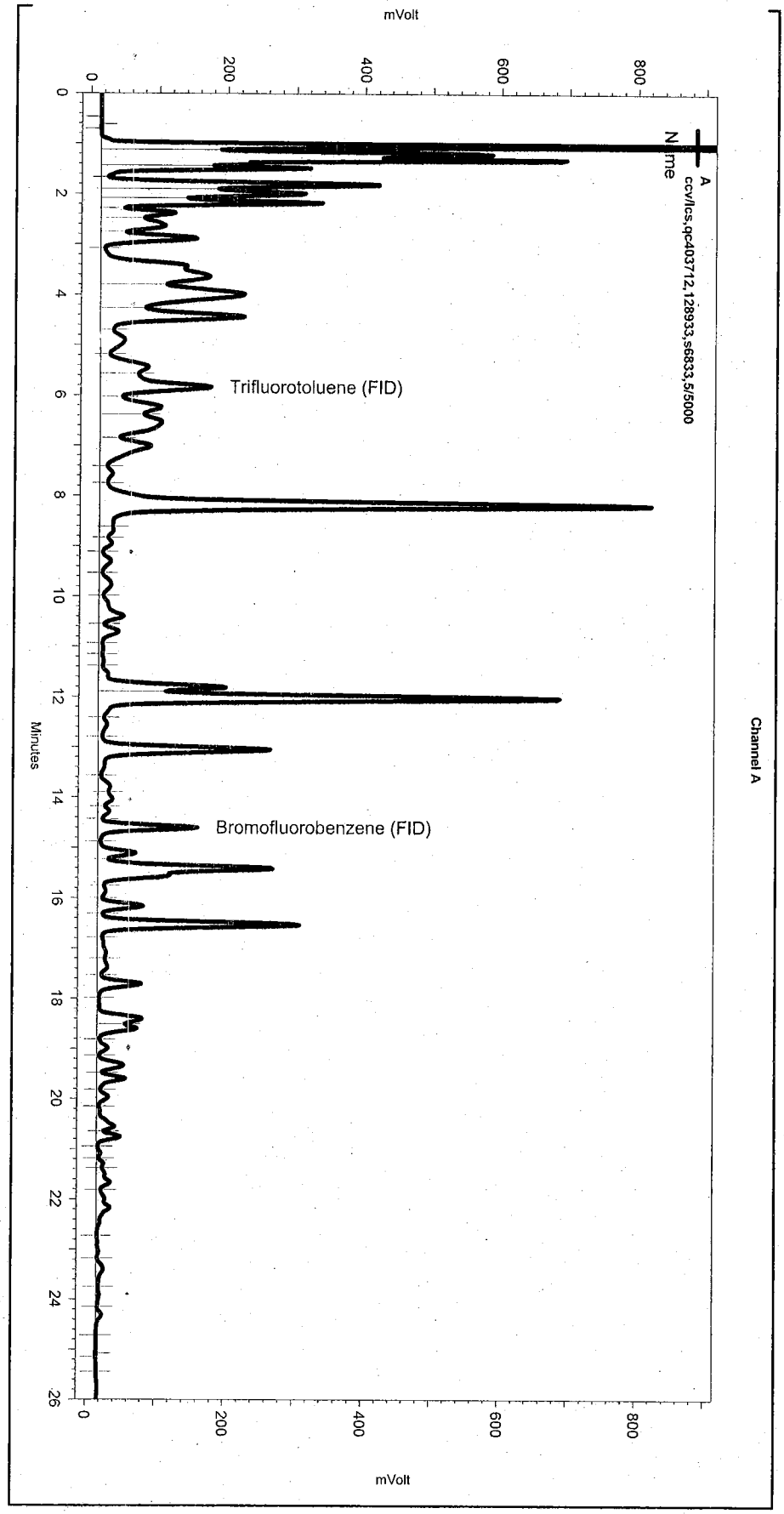
Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	91	72-136
Bromofluorobenzene (FID)	103	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\240.seq**
Sample Name: **ccv/lcs,qc403712,128933,s6833,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\240_003**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe218.met

Software Version 3.1.7
Run Date: 8/28/2007 11:57:03 AM
Analysis Date: 8/29/2007 9:49:32 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



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No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\240_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

gasoline

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC403712	Batch#:	128933
Matrix:	Water	Analyzed:	08/28/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,900	95	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	140 *	72-136
Bromofluorobenzene (FID)	113	78-131

*= Value outside of QC limits; see narrative

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8015B
Field ID:	MW-3-082407	Batch#:	128933
MSS Lab ID:	197193-001	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/28/07
Diln Fac:	1.000		

Type: MS Lab ID: QC403713

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	16.92	2,000	1,690	84	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	138 *	72-136
Bromofluorobenzene (FID)	114	78-131

Type: MSD Lab ID: QC403714

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,863	92	79-120	10	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	139 *	72-136
Bromofluorobenzene (FID)	115	78-131

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	MW-3-082407	Batch#:	128955
Lab ID:	197193-001	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/29/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	117	80-123
1,2-Dichloroethane-d4	128	79-134
Toluene-d8	105	80-120
Bromofluorobenzene	114	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	MW-1-082407	Batch#:	129059
Lab ID:	197193-002	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/31/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	3.0	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	1.5	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	111	80-123
1,2-Dichloroethane-d4	113	79-134
Toluene-d8	99	80-120
Bromofluorobenzene	115	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	MW-10-082407	Batch#:	128955
Lab ID:	197193-003	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/29/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-123
1,2-Dichloroethane-d4	125	79-134
Toluene-d8	106	80-120
Bromofluorobenzene	113	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	EB-1-082407	Batch#:	128955
Lab ID:	197193-004	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/29/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	117	80-123
1,2-Dichloroethane-d4	124	79-134
Toluene-d8	104	80-120
Bromofluorobenzene	116	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	TB-1-082407	Batch#:	128955
Lab ID:	197193-005	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/29/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-123
1,2-Dichloroethane-d4	124	79-134
Toluene-d8	106	80-120
Bromofluorobenzene	113	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	MW-2	Batch#:	128955
Lab ID:	197193-006	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/29/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	0.5	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	117	80-123
1,2-Dichloroethane-d4	127	79-134
Toluene-d8	107	80-120
Bromofluorobenzene	111	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC403833	Batch#:	128955
Matrix:	Water	Analyzed:	08/29/07
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	113	80-123
1,2-Dichloroethane-d4	122	79-134
Toluene-d8	104	80-120
Bromofluorobenzene	113	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC404389	Batch#:	129059
Matrix:	Water	Analyzed:	08/31/07
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-123
1,2-Dichloroethane-d4	106	79-134
Toluene-d8	90	80-120
Bromofluorobenzene	103	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	128955
Units:	ug/L	Analyzed:	08/29/07
Diln Fac:	1.000		

Type: BS Lab ID: QC403834

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	124.8	100	68-132
MTBE	25.00	26.73	107	71-120
Isopropyl Ether (DIPE)	25.00	28.79	115	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	27.35	109	75-124
1,2-Dichloroethane	25.00	26.79	107	79-121
Benzene	25.00	26.45	106	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.93	96	77-120
Toluene	25.00	24.10	96	80-120
1,2-Dibromoethane	25.00	23.57	94	80-120
Ethylbenzene	25.00	26.17	105	80-124
m,p-Xylenes	50.00	48.90	98	80-127
o-Xylene	25.00	24.71	99	80-124

Surrogate	%REC	Limits
Dibromofluoromethane	115	80-123
1,2-Dichloroethane-d4	122	79-134
Toluene-d8	104	80-120
Bromofluorobenzene	110	80-122

Type: BSD Lab ID: QC403835

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	143.4	115	68-132	14	20
MTBE	25.00	26.76	107	71-120	0	20
Isopropyl Ether (DIPE)	25.00	28.97	116	65-120	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	27.10	108	75-124	1	20
1,2-Dichloroethane	25.00	25.96	104	79-121	3	20
Benzene	25.00	26.44	106	80-120	0	20
Methyl tert-Amyl Ether (TAME)	25.00	23.60	94	77-120	1	20
Toluene	25.00	24.85	99	80-120	3	20
1,2-Dibromoethane	25.00	23.57	94	80-120	0	20
Ethylbenzene	25.00	25.95	104	80-124	1	20
m,p-Xylenes	50.00	49.51	99	80-127	1	20
o-Xylene	25.00	24.56	98	80-124	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-123
1,2-Dichloroethane-d4	119	79-134
Toluene-d8	106	80-120
Bromofluorobenzene	109	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	129059
Units:	ug/L	Analyzed:	08/31/07
Diln Fac:	1.000		

Type: BS Lab ID: QC404289

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	110.9	89	68-132
MTBE	25.00	24.46	98	71-120
Isopropyl Ether (DIPE)	25.00	25.73	103	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	24.09	96	75-124
1,2-Dichloroethane	25.00	24.17	97	79-121
Benzene	25.00	24.69	99	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.91	96	77-120
Toluene	25.00	22.37	89	80-120
1,2-Dibromoethane	25.00	22.89	92	80-120
Ethylbenzene	25.00	24.36	97	80-124
m,p-Xylenes	50.00	47.18	94	80-127
o-Xylene	25.00	24.46	98	80-124

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-123
1,2-Dichloroethane-d4	104	79-134
Toluene-d8	96	80-120
Bromofluorobenzene	106	80-122

Type: BSD Lab ID: QC404290

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	124.2	99	68-132	11	20
MTBE	25.00	25.46	102	71-120	4	20
Isopropyl Ether (DIPE)	25.00	26.68	107	65-120	4	20
Ethyl tert-Butyl Ether (ETBE)	25.00	25.03	100	75-124	4	20
1,2-Dichloroethane	25.00	24.63	99	79-121	2	20
Benzene	25.00	25.52	102	80-120	3	20
Methyl tert-Amyl Ether (TAME)	25.00	24.83	99	77-120	4	20
Toluene	25.00	23.53	94	80-120	5	20
1,2-Dibromoethane	25.00	24.24	97	80-120	6	20
Ethylbenzene	25.00	25.24	101	80-124	4	20
m,p-Xylenes	50.00	50.13	100	80-127	6	20
o-Xylene	25.00	25.83	103	80-124	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-123
1,2-Dichloroethane-d4	103	79-134
Toluene-d8	97	80-120
Bromofluorobenzene	106	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	197193	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	MW-3-082407	Batch#:	128955
MSS Lab ID:	197193-001	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	08/29/07
Diln Fac:	1.000		

Type: MS Lab ID: QC403922

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<2.015	125.0	130.2	104	69-137
MTBE	<0.1543	25.00	27.57	110	73-120
Isopropyl Ether (DIPE)	<0.1648	25.00	31.73	127 *	69-120
Ethyl tert-Butyl Ether (ETBE)	<0.1427	25.00	27.76	111	78-127
1,2-Dichloroethane	<0.1266	25.00	28.18	113	80-128
Benzene	<0.1121	25.00	28.45	114	80-123
Methyl tert-Amyl Ether (TAME)	<0.1000	25.00	22.16	89	79-120
Toluene	<0.1078	25.00	25.12	100	80-122
1,2-Dibromoethane	<0.1097	25.00	24.20	97	80-120
Ethylbenzene	<0.05852	25.00	27.37	109	80-126
m,p-Xylenes	<0.1257	50.00	49.73	99	80-125
o-Xylene	<0.03439	25.00	25.35	101	80-124

Surrogate	%REC	Limits
Dibromofluoromethane	120	80-123
1,2-Dichloroethane-d4	128	79-134
Toluene-d8	104	80-120
Bromofluorobenzene	113	80-122

Type: MSD Lab ID: QC403923

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	142.9	114	69-137	9	20
MTBE	25.00	27.28	109	73-120	1	20
Isopropyl Ether (DIPE)	25.00	30.62	122 *	69-120	4	20
Ethyl tert-Butyl Ether (ETBE)	25.00	27.31	109	78-127	2	20
1,2-Dichloroethane	25.00	27.62	110	80-128	2	20
Benzene	25.00	27.05	108	80-123	5	20
Methyl tert-Amyl Ether (TAME)	25.00	22.65	91	79-120	2	20
Toluene	25.00	24.84	99	80-122	1	20
1,2-Dibromoethane	25.00	23.75	95	80-120	2	20
Ethylbenzene	25.00	27.58	110	80-126	1	20
m,p-Xylenes	50.00	50.69	101	80-125	2	20
o-Xylene	25.00	25.71	103	80-124	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	118	80-123
1,2-Dichloroethane-d4	121	79-134
Toluene-d8	103	80-120
Bromofluorobenzene	111	80-122

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 197343
ANALYTICAL REPORT

Geomatrix Consultants 2101 Webster Street Oakland, CA 94612	Project : 11037.001 Location : Sebanc-Alameda Level : II

Sample ID	Lab ID
EB-9-2.0	197343-001
EB-8-1.5	197343-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 09/18/2007
Project Manager

Signature: _____ Date: 09/18/2007
Operations Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	197343
Client:	Geomatrix Consultants
Project:	11037.001
Location:	Sebanc-Alameda
Request Date:	08/31/07
Samples Received:	08/17/07

This hardcopy data package contains sample and QC results for two soil samples, requested for the above referenced project on 08/31/07. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):
High surrogate recoveries were observed for bromofluorobenzene (FID) and trifluorotoluene (FID) in the LCS/MS/MSD for batch 129103. 197343-001 and 197343-002 were analyzed outside of hold time per client's request; affected data was qualified with "b". No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
197343-001 and 197343-002 were analyzed outside of hold time per client's request; affected data was qualified with "b". No other analytical problems were encountered.

CHAIN-OF-CUSTODY RECORD

~~#196922~~ 197343

OAK 12436

PROJECT NAME: Sevanc - Alameda

DATE: 8/16/07 PAGE 1 OF 3

PROJECT NUMBER: 11037.001

RESULTS TO: J. Torrens / A. Patton

TURNAROUND TIME: Std

SAMPLE SHIPMENT METHOD: Lab Courier

LABORATORY NAME: Curtis & Tompkins

LABORATORY ADDRESS: Berkeley, CA

LABORATORY CONTACT: Robert Butler

LABORATORY PHONE NUMBER: 510-204-2231

CLIENT INFORMATION:

REPORTING REQUIREMENTS:

GEOTRACKER REQUIRED YES NO

SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	TPHg (8015m)	VOCs * (8260)	Lead (6010)	HOLD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type *	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-1	8/15/07	0915	MW-2-7.0				X	5 VOAs (40mL)	S	N	Methanol, Sodium bis	Y		5	
-2		0930	MW-2-10.5	X	X	X									
-3		1420	MW-1-5.5				X								
-4		1423	MW-1-8.5	X	X										▲high concentrations expected!
-5		1440	MW-1-12.0	X	X										
-6		1455	MW-1-14.5	X	X										
-7		1535	MW-1-3.0	X	X										
-8		1642	EB-9-2.0			X		5 VOAs, 1 8-oz jar						6	
-9		1650	EB-8-1.5			X									
-10	8/16/07	0835	EB-1-4.0				X								
-11		0855	EB-1-10.5	X	X	X									expected high concentrations
-12		0900	EB-1-14.0	X	X	X									
-13		0925	EB-10-2.0	X	X	X									
-14		0942	EB-11-2.0	X	X	X									
-15		1025	EB-6-9.5	X	X	X									expected high concentrations

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	8/16/07	1730	SIGNATURE:		
PRINTED NAME: Avery Patton			PRINTED NAME:		
COMPANY: Geomatrix			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 83

SAMPLING COMMENTS: * BTEX, 5 Fuel Oxygenates (TAME, DIPE, ETBE, TAA, TBA), 2 Fuel additives (EDB, 1,2-DCA) only.

* preserved w/methanol and sodium bisulfate

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

#196922

OAK 12437

CHAIN-OF-CUSTODY RECORD

PROJECT NAME: Sebang - Alameda | DATE: 8/16/07 | PAGE 2 OF 3

PROJECT NUMBER: 11037.001 | LABORATORY NAME: Curtis & Tompkins | CLIENT INFORMATION: | REPORTING REQUIREMENTS:

RESULTS TO: J. Torres, A. Patton | LABORATORY ADDRESS: Berkeley, CA

TURNAROUND TIME: Std

SAMPLE SHIPMENT METHOD: Lab Courier | LABORATORY CONTACT: Robert Butler | LABORATORY PHONE NUMBER: 510-204-2231 | GEOTRACKER REQUIRED YES NO | SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	TPHg (8015m)	VOCs* (8260)	Lead (6010)	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-16	8/16/07	1030	EB-6-14.0	X	X	X	5 VOAs, 1 8-oz jar	S	N	*	Y	N	6	
-17		1135	EB-4-10.2	X	X	X							6	expected high concentrations
-18		1145	EB-4-6.5	X	X	X							6	
-19		1150	EB-4-13.0	X	X	X							6	
-20		1245	EB-3-9.0	X	X	X							6	
-21		1255	EB-3-11.8	X	X	X							6	
-22		1335	EB-5-2.5	X	X	X							6	
-23		1355	EB-5-9.0	X	X	X							6	expected high concentrations
-24		1405	EB-5-12.5	X	X	X	10 VOAs, 1 8-oz jar					X	11	MS/MSD (1)
-25		1420	EB-2-9.0	X	X	X	5 VOAs, 1 8-oz jar					X	11	MS/MSD-expected high conc. (1)
-26		1435	EB-2-13	X	X	X	10 VOAs					X	11	MS/MSD (1)
-27	↓	—	TB-081607	X	X		2 VOAs	O	↓	sodium bisulfate	↓	N	2	(2)

AMP

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	8/16/07	1730	SIGNATURE:		
PRINTED NAME: Avery Patton			PRINTED NAME:		
COMPANY: Geomatrix			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: * BTEX, 5 Fuel Oxygenates (TAME, DIPE, ETBE, TAA, TBA), 2 Fuel additives (EDB, 1,2-DCA) only.

* Preserved w/ methanol and sodium bisulfate

(1) pls run MS/MSDs on EB-5-12.5 and EB-2-9 only

(2) pls run trip blank - no soil in sample - talk to R. Butler w/ Questions

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Geomatrix

CHAIN-OF-CUSTODY RECORD #196922

OAK 12334

PROJECT NAME: Sebanc-Alameda

DATE: 8/16/07 PAGE 3 OF 3

PROJECT NUMBER: 11037.001

RESULTS TO: S. TORRENS / A. PATTON

TURNAROUND TIME: STANDARD

SAMPLE SHIPMENT METHOD: lab courier

LABORATORY NAME: CURTIS + TOMKINS

LABORATORY ADDRESS: BERKELEY, CA

LABORATORY CONTACT: ROBERT BUTLER

LABORATORY PHONE NUMBER: 510-204-2231

CLIENT INFORMATION:

REPORTING REQUIREMENTS:

GEOTRACKER REQUIRED YES NO

SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE): [signature]

ANALYSES

	DATE	TIME	SAMPLE NUMBER	TPHs (8015M)	VOCs (8260) ①	LEAD (6010)	HOLD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-28	8/16/07	0945	EB-1-081607	X	X			40ml VOAs	W	N	HCL	Y	N	6	
-29	↓	1040	EB-6-081607	~~X~~	~~X~~ AMP		X	↓	↓	↓	↓	↓	↓	6	
-30	↓	1215	EB-4-081607	X	X			↓	↓	↓	↓	↓	↓	6	
-31	↓	1315	EB-3-081607				X	↓	↓	↓	↓	↓	↓	6	
-32	↓	1430	EB-5-081607				X	↓	↓	↓	↓	↓	Y	12	MS/MSD ②
-33	↓	1450	EB-~~2~~-081607 AMP				X	↓	↓	↓	↓	↓	~~Y~~ N	~~12~~ 6	~~MS/MSD~~ AMP
	↓	1510	EB-30-081607				X	↓	↓	↓	↓	↓	N	6	

AMP

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: [signature]	8/16/07	1730	SIGNATURE:		
PRINTED NAME: Avery Patton			PRINTED NAME:		
COMPANY: Geomatrix			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: ① Analyze BTEX, FUEL OXYGENATES (TAME, DIPE, ETBE, TAA, TBA), 2 FUEL ADDITIVES (EDB, 1,2-DCA) ONLY
② MS/MSD on EB-5-081607, if analyzed later

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Geomatrix

197343

Robert Butler

From: "Avery Patton" <apatton@geomatrix.com>
To: "Robert Butler" <robert.butler@ctberk.com>
Sent: Friday, August 31, 2007 3:50 PM
Subject: 196922 - pls analyze:

Hi Robert -

It looks like we do want to analyze two additional samples just out of hold time:
196922-8 and 196922-9 for
TPHg
BTEX, MTBE, 5 fuel oxys, 2 fuel additives

If you could at least get those started today, that would be great so that we can say they were run only two days out of hold time.

Thanks!

Avery

Avery Patton
Staff Geologist
Geomatrix Consultants, Inc.
2101 Webster St., 12th Floor
Oakland, CA 94612
P: 510-663-4154
F: 510-663-4141
http://www.geomatrix.com

SOP Volume: Client Services
Section: 1.1.2
Page: 1 of 1
Effective Date: 08-Aug-07
Revision: 3 Number 1 of 3
Filename: F:\QC\Forms\QC\Cooler.wpd

Curtis & Tompkins, Ltd.

COOLER RECEIPT CHECKLIST

Login#:_____ Date Received: 8-17-2007 Number of Coolers: 2
Client: GEOMATRIX Project: SFBWC - ALAMEDA

A. Preliminary Examination Phase
Date Opened: 8-17-2007 By (print): RAZAVALA (sign) [signature]

1. Did cooler come with a shipping slip (airbill, etc.)? ... YES NO
   If YES, enter carrier name and airbill number:_____
2. Were custody seals on outside of cooler? ... YES NO
   How many and where? 1 Seal date: 8-16-07 Seal name: QEC
3. Were custody seals unbroken and intact at the date and time of arrival? ... YES NO
4. Were custody papers dry and intact when received? ... YES NO
5. Were custody papers filled out properly (ink, signed, etc.)? ... YES NO
6. Did you sign the custody papers in the appropriate place? ... YES NO
7. Was project identifiable from custody papers? ... YES NO
   If YES, enter project name at the top of this form.
8. Describe type of packing in cooler: ZIPLOCS
9. If required, was sufficient ice used? Samples should be <=6 degrees C. ... YES NO
   Type of ice: WET Temperature: NO TEMP BLANK
10. Were Encore sampling devices present in the cooler? ... YES NO
    If YES, enter time they were transferred to the freezer _____

B. Login Phase
Date Logged In: 8-17-2007 By (print): RAZAVALA (sign) [signature]

1. Did all bottles arrive unbroken? ... YES NO
2. Were labels in good condition and complete (ID, date, time, signature, etc.)? ... YES NO
3. Did bottle labels agree with custody papers? ... YES NO
4. Were appropriate containers used for the tests indicated? ... YES NO
5. Were correct preservatives added to samples? ... YES NO
6. Was sufficient amount of sample sent for tests indicated? ... YES NO
7. Were bubbles absent in VOA samples? If NO, list sample Ids below ... YES NO
8. Was the client contacted concerning this sample delivery? ... YES NO
   If YES, give details below.
   Who was called?_____ By whom?_____ Date:_____

Additional Comments:

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001		
Matrix:	Soil	Sampled:	08/15/07
Basis:	as received	Received:	08/17/07
Diln Fac:	1.000	Analyzed:	09/04/07
Batch#:	129103		

Field ID: EB-9-2.0 Lab ID: 197343-001
Type: SAMPLE

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	ND b <0.96 UJ	0.96	mg/Kg	EPA 8015B
MTBE	ND b <19 UJ	19	ug/Kg	EPA 8021B
Benzene	ND b <4.8 UJ	4.8	ug/Kg	EPA 8021B
Toluene	ND b	4.8	ug/Kg	EPA 8021B
Ethylbenzene	ND b	4.8	ug/Kg	EPA 8021B
m,p-Xylenes	ND b	4.8	ug/Kg	EPA 8021B
o-Xylene	ND b	4.8	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	87 b	70-132	EPA 8015B
Bromofluorobenzene (FID)	87 b	66-138	EPA 8015B
Trifluorotoluene (PID)	79 b	63-142	EPA 8021B
Bromofluorobenzene (PID)	81 b	70-129	EPA 8021B

b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001		
Matrix:	Soil	Sampled:	08/15/07
Basis:	as received	Received:	08/17/07
Diln Fac:	1.000	Analyzed:	09/04/07
Batch#:	129103		

Field ID: EB-8-1.5 Lab ID: 197343-002
Type: SAMPLE

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	ND b <0.98 UJ	0.98	mg/Kg	EPA 8015B
MTBE	ND b <20 UJ	20	ug/Kg	EPA 8021B
Benzene	ND b <4.9 UJ	4.9	ug/Kg	EPA 8021B
Toluene	ND b	4.9	ug/Kg	EPA 8021B
Ethylbenzene	ND b	4.9	ug/Kg	EPA 8021B
m,p-Xylenes	ND b	4.9	ug/Kg	EPA 8021B
o-Xylene	ND b	4.9	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	107 b	70-132	EPA 8015B
Bromofluorobenzene (FID)	110 b	66-138	EPA 8015B
Trifluorotoluene (PID)	100 b	63-142	EPA 8021B
Bromofluorobenzene (PID)	102 b	70-129	EPA 8021B

Type: BLANK Lab ID: QC404519

Analyte	Result	RL	Units	Analysis
Gasoline C7-C12	ND	1.0	mg/Kg	EPA 8015B
MTBE	ND	20	ug/Kg	EPA 8021B
Benzene	ND	5.0	ug/Kg	EPA 8021B
Toluene	ND	5.0	ug/Kg	EPA 8021B
Ethylbenzene	ND	5.0	ug/Kg	EPA 8021B
m,p-Xylenes	ND	5.0	ug/Kg	EPA 8021B
o-Xylene	ND	5.0	ug/Kg	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	98	70-132	EPA 8015B
Bromofluorobenzene (FID)	102	66-138	EPA 8015B
Trifluorotoluene (PID)	93	63-142	EPA 8021B
Bromofluorobenzene (PID)	96	70-129	EPA 8021B

b= See narrative
ND= Not Detected
RL= Reporting Limit

1.1

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8021B
Type:	LCS	Basis:	as received
Lab ID:	QC404520	Diln Fac:	1.000
Matrix:	Soil	Batch#:	129103
Units:	ug/Kg	Analyzed:	09/04/07

Analyte	Spiked	Result	%REC	Limits
MTBE	100.0	97.22	97	70-125
Benzene	100.0	95.00	95	80-120
Toluene	100.0	101.1	101	80-120
Ethylbenzene	100.0	102.1	102	80-120
m,p-Xylenes	100.0	103.6	104	80-120
o-Xylene	100.0	104.7	105	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	93	63-142
Bromofluorobenzene (PID)	100	70-129

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC404521	Diln Fac:	1.000
Matrix:	Soil	Batch#:	129103
Units:	mg/Kg	Analyzed:	09/04/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	10.42	104	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	145 *	70-132
Bromofluorobenzene (FID)	137	66-138

*= Value outside of QC limits; see narrative

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	11037.001	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	197330-006	Batch#:	129103
Matrix:	Soil	Sampled:	08/30/07
Units:	mg/Kg	Received:	08/31/07
Basis:	as received	Analyzed:	09/05/07

Type: MS Lab ID: QC404635

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.03662	2.146	1.257	57	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	139 *	70-132
Bromofluorobenzene (FID)	132	66-138

Type: MSD Lab ID: QC404636

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2.141	1.198	54	36-120	5	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	136 *	70-132
Bromofluorobenzene (FID)	141 *	66-138

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Gasoline Oxygenates by GC/MS

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8260B
Matrix:	Soil	Sampled:	08/15/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	09/07/07
Batch#:	129230		

Field ID: EB-9-2.0 Lab ID: 197343-001
Type: SAMPLE Diln Fac: 0.9259

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND b	93
MTBE	ND b	4.6
Isopropyl Ether (DIPE)	ND b	4.6
Ethyl tert-Butyl Ether (ETBE)	ND b	4.6
Methyl tert-Amyl Ether (TAME)	ND b	4.6
1,2-Dichloroethane	ND b	4.6
1,2-Dibromoethane	ND b	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	114 b	78-126
1,2-Dichloroethane-d4	129 b	76-135
Toluene-d8	102 b	80-120
Bromofluorobenzene	94 b	80-126

Field ID: EB-8-1.5 Lab ID: 197343-002
Type: SAMPLE Diln Fac: 0.9091

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND b	91
MTBE	ND b	4.5
Isopropyl Ether (DIPE)	ND b	4.5
Ethyl tert-Butyl Ether (ETBE)	ND b	4.5
Methyl tert-Amyl Ether (TAME)	ND b	4.5
1,2-Dichloroethane	ND b	4.5
1,2-Dibromoethane	ND b	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	111 b	78-126
1,2-Dichloroethane-d4	128 b	76-135
Toluene-d8	103 b	80-120
Bromofluorobenzene	92 b	80-126

b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline Oxygenates by GC/MS

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8260B
Matrix:	Soil	Sampled:	08/15/07
Units:	ug/Kg	Received:	08/17/07
Basis:	as received	Analyzed:	09/07/07
Batch#:	129230		

Type: BLANK
Lab ID: QC405071

Diln Fac: 1.000

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dibromoethane	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-126
1,2-Dichloroethane-d4	112	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	95	80-126

b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline Oxygenates by GC/MS

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC405070	Diln Fac:	1.000
Matrix:	Soil	Batch#:	129230
Units:	ug/Kg	Analyzed:	09/07/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	106.4	85	56-130
MTBE	25.00	22.84	91	66-120
Isopropyl Ether (DIPE)	25.00	21.59	86	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	22.38	90	68-120
Methyl tert-Amyl Ether (TAME)	25.00	22.95	92	73-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-126
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	95	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline Oxygenates by GC/MS

Lab #:	197343	Location:	Sebanc-Alameda
Client:	Geomatrix Consultants	Prep:	EPA 5035
Project#:	11037.001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9434
MSS Lab ID:	197462-005	Batch#:	129230
Matrix:	Soil	Sampled:	09/06/07
Units:	ug/Kg	Received:	09/07/07
Basis:	as received	Analyzed:	09/07/07

Type: MS Lab ID: QC405170

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<11.25	235.8	141.3	60	45-123
MTBE	<0.4282	47.17	32.55	69	55-120
Isopropyl Ether (DIPE)	<0.3857	47.17	32.17	68	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.4789	47.17	33.14	70	58-120
Methyl tert-Amyl Ether (TAME)	<0.2861	47.17	33.65	71	60-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	104	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	96	80-126

Type: MSD Lab ID: QC405171

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	235.8	164.6	70	45-123	15	32
MTBE	47.17	37.99	81	55-120	15	20
Isopropyl Ether (DIPE)	47.17	37.82	80	50-120	16	20
Ethyl tert-Butyl Ether (ETBE)	47.17	38.97	83	58-120	16	20
Methyl tert-Amyl Ether (TAME)	47.17	38.90	82	60-120	14	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	104	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	95	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 197464
ANALYTICAL REPORT

Geomatrix Consultants 2101 Webster Street Oakland, CA 94612	Project : 011037.001 Location : 2301 Linclon Level : II

Sample ID	Lab ID
MW-10-082407	197464-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 09/18/2007
Project Manager

Signature: _____ Date: 09/18/2007
Quality Assurance Director

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	197464
Client:	Geomatrix Consultants
Project:	011037.001
Location:	2301 Linclon
Request Date:	09/07/07
Samples Received:	08/27/07

This hardcopy data package contains sample and QC results for one water sample, requested for the above referenced project on 09/07/07. The sample was received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
High surrogate recoveries were observed for bromofluorobenzene (FID) in MW-10-082407 (lab # 197464-001) and trifluorotoluene (FID) in the LCS/MS/MSD for batch 129254. High surrogate recovery was observed for bromofluorobenzene (FID) in MW-10-082407 (lab # 197464-001); the corresponding trifluorotoluene (FID) surrogate recovery was within limits. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

~~#197193~~ 197464

CHAIN-OF-CUSTODY RECORD

OAK 12057

PROJECT NAME: ~~[illegible]~~ 2301 Lincoln		DATE: 8/24/07	PAGE 1 OF 1
PROJECT NUMBER: 011037.001	LABORATORY NAME: Curtis & Tompkins	CLIENT INFORMATION:	REPORTING REQUIREMENTS: EDD necessary
RESULTS TO: Jake Torrens	LABORATORY ADDRESS: 2323 5th St. Berkeley, CA 94710		
TURNAROUND TIME: Standard			
SAMPLE SHIPMENT METHOD: Courier	LABORATORY CONTACT:		GEOTRACKER REQUIRED: (YES) NO
	LABORATORY PHONE NUMBER:		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

	DATE	TIME	SAMPLE NUMBER	EPA 8015-TPHg	EPA 8260 *	MS-8260*	MSD-8260*	MS-8015	MSD-8015	HOLD	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
-1	8-24-07	07:59	MW-3-082407	X	X	X	X	X	X		40ml-Voa-amber	W	—	HCL	y	X	18	
-2	8-24-07	09:19	MW-1-082407	X	X						↓	W	—	HCL	y		6	
-3	8-24-07	10:19	MW-10-082407	X	X						↓	W	—	HCL	y		6	
-4	8-24-07	9:45	EB-1-082407	X	X						↓	W	—	HCL	y		6	
-5	8-24-07	—	TB-1-082407	X	X						↓	W	—	HCL	y		2	
-6	8-24-07	10:50	MW-2	X	X						↓	W	—	HCL	y		6	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: [signature]	8/24/7	12:55	SIGNATURE: [signature]	8-24 2007	8:00
PRINTED NAME: CHARLES DOWMAN			PRINTED NAME: [illegible]		
COMPANY: Geomatrix Consultants			COMPANY: [illegible]		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: * BTEX, TAME, DIPE, ETBE, MTBE, TAA, TBA, EDB, 1,2-DCA only

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

cold / intact [initials]

Curtis & Tompkins, Ltd.

COOLER RECEIPT CHECKLIST

Login#: 197193 Date Received: 8-27-2007 Number of Coolers: 1
Client: GEOMATRIX Project: _____

A. Preliminary Examination Phase
Date Opened: 8-27-2007 By (print): RAZAULA (sign) _____

1. Did cooler come with a shipping slip (airbill, etc.)? ..... YES (NO)
If YES, enter carrier name and airbill number: _____
2. Were custody seals on outside of cooler? ..... (YES) NO
How many and where? 2 Seal date: 8-24-2007 Seal name: QEC
3. Were custody seals unbroken and intact at the date and time of arrival? ..... (YES) NO
4. Were custody papers dry and intact when received? ..... (YES) NO
5. Were custody papers filled out properly (ink, signed, etc.)? ..... (YES) NO
6. Did you sign the custody papers in the appropriate place? ..... YES NO
7. Was project identifiable from custody papers? ..... YES NO
If YES, enter project name at the top of this form.
8. Describe type of packing in cooler: ZIPLOCS
9. If required, was sufficient ice used? Samples should be <=6 degrees C. ..... (YES) NO
Type of ice: WET Temperature: 3.5°C
10. Were Encore sampling devices present in the cooler? ..... YES (NO)
If YES, enter time they were transferred to the freezer _____

B. Login Phase
Date Logged In: 8-27-2007 By (print): RAZAULA (sign) _____

1. Did all bottles arrive unbroken? ..... (YES) NO
2. Were labels in good condition and complete (ID, date, time, signature, etc.)? ..... (YES) NO
3. Did bottle labels agree with custody papers? ..... YES (NO) *
4. Were appropriate containers used for the tests indicated? ..... (YES) NO
5. Were correct preservatives added to samples? ..... (YES) NO
6. Was sufficient amount of sample sent for tests indicated? ..... (YES) NO
7. Were bubbles absent in VOA samples? If NO, list sample Ids below ..... (YES) NO
8. Was the client contacted concerning this sample delivery? ..... YES NO
If YES, give details below.
Who was called? _____ By whom? _____ Date: _____

Additional Comments:

* 3 ADDITIONAL MW-10-082407 VOAs INCLUDED — RAZ

Robert Butler

From: "Avery Patton" <apatton@geomatrix.com>
To: "Robert Butler" <robert.butler@ctberk.com>
Sent: Friday, September 07, 2007 12:50 PM
Subject: RE: 197193

Thanks. Please do analyze the "correct" sample - today would be great if you have time.

So that would be MW-10-082407 with the time of 10:19 that matches the chain. Maybe we can call it MW-100-082407 to distinguish it from the other samples?

Thanks
Avery

From: Robert Butler [mailto:robert.butler@ctberk.com]
Sent: Friday, September 07, 2007 12:30 PM
To: Avery Patton
Subject: 197193

Avery,

I have checked the VOAs for time , date and sample IDs. We did recieve 3 additional VOAs for MW-10-082407 - they all had 08:59 as the sampling time, which was not listed on the COC. These were the ones used to analyze sample 197193-003.

MW-1-082407 (197193-002) labels all matched the COC with a sampling time of 09:19.

Robert

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	197464	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8015B
Field ID:	MW-10-082407	Batch#:	129254
Matrix:	Water	Sampled:	08/24/07
Units:	ug/L	Received:	08/27/07
Diln Fac:	1.000	Analyzed:	09/07/07

Type: SAMPLE Lab ID: 197464-001

Analyte	Result	RL
Gasoline C7-C12	3,500 H L J	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	72-136
Bromofluorobenzene (FID)	203 *	78-131

Type: BLANK Lab ID: QC405181

Analyte	Result	RL
Gasoline C7-C12	ND	50

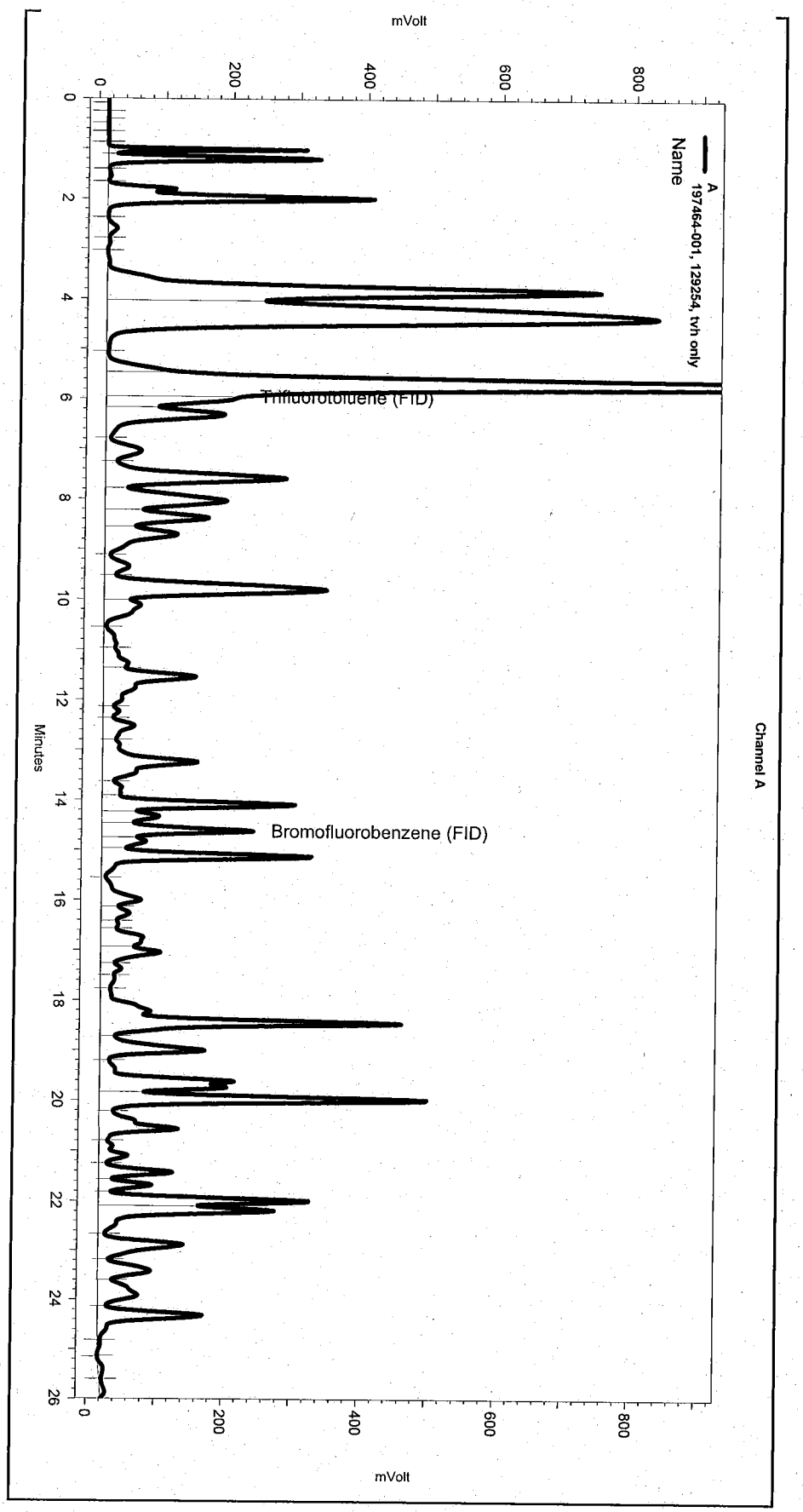
Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	72-136
Bromofluorobenzene (FID)	107	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

1.1

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\250.seq
Sample Name: **197464-001, 129254, tvh only**
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\250_006
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe218.met

Software Version 3.1.7
Run Date: 9/7/2007 2:40:34 PM
Analysis Date: 9/10/2007 2:23:07 PM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: E1.3



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

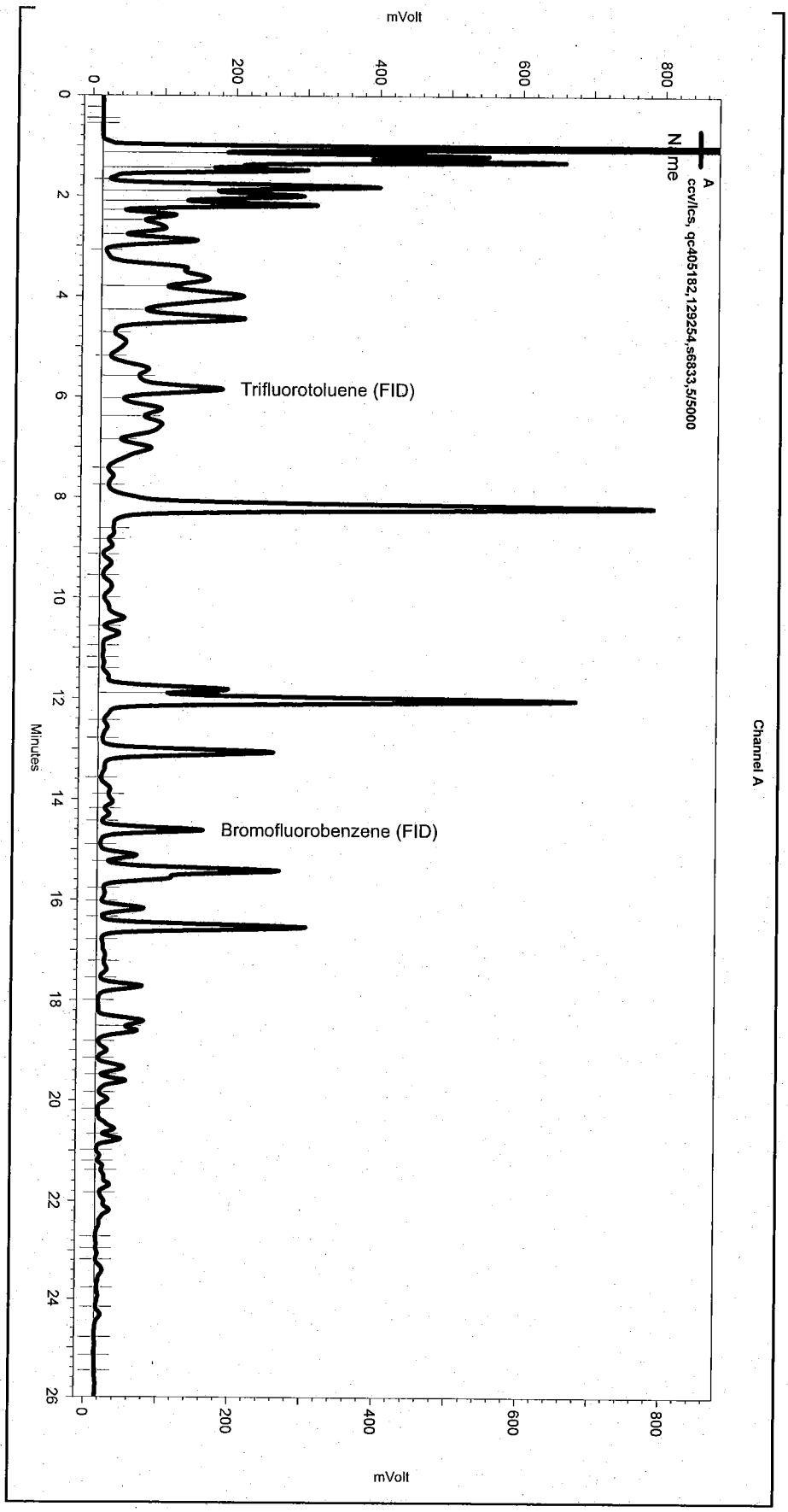
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\250_006

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.466	0	0
Yes	Split Peak	5.952	0	0

MW-10-082407

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\250.seq**
Sample Name: **ccv/lcs, qc405182,129254,s6833,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\250_003**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe218.met

Software Version 3.1.7
Run Date: 9/7/2007 10:43:49 AM
Analysis Date: 9/10/2007 9:36:09 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



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Integration Events

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Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\250_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

gasoline

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	197464	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC405182	Batch#:	129254
Matrix:	Water	Analyzed:	09/07/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,834	92	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	140 *	72-136
Bromofluorobenzene (FID)	114	78-131

*= Value outside of QC limits; see narrative

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	197464	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	129254
MSS Lab ID:	197436-001	Sampled:	09/05/07
Matrix:	Water	Received:	09/06/07
Units:	ug/L	Analyzed:	09/07/07
Diln Fac:	1.000		

Type: MS Lab ID: QC405183

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	21.89	2,000	1,848	91	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	143 *	72-136
Bromofluorobenzene (FID)	125	78-131

Type: MSD Lab ID: QC405184

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,798	89	79-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	147 *	72-136
Bromofluorobenzene (FID)	131	78-131

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	197464	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Field ID:	MW-10-082407	Batch#:	129228
Lab ID:	197464-001	Sampled:	08/24/07
Matrix:	Water	Received:	08/27/07
Units:	ug/L	Analyzed:	09/07/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	3.1	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	1.3	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	90	80-123
1,2-Dichloroethane-d4	111	79-134
Toluene-d8	97	80-120
Bromofluorobenzene	111	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	197464	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC405066	Batch#:	129228
Matrix:	Water	Analyzed:	09/07/07
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Methyl tert-Amyl Ether (TAME)	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	103	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	197464	Location:	2301 Linclon
Client:	Geomatrix Consultants	Prep:	EPA 5030B
Project#:	011037.001	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	129228
Units:	ug/L	Analyzed:	09/07/07
Diln Fac:	1.000		

Type: BS Lab ID: QC405064

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	134.2	107	68-132
MTBE	25.00	23.87	95	71-120
Isopropyl Ether (DIPE)	25.00	23.96	96	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	25.24	101	75-124
1,2-Dichloroethane	25.00	24.18	97	79-121
Benzene	25.00	26.18	105	80-120
Methyl tert-Amyl Ether (TAME)	25.00	23.48	94	77-120
Toluene	25.00	25.95	104	80-120
1,2-Dibromoethane	25.00	25.08	100	80-120
Ethylbenzene	25.00	27.52	110	80-124
m,p-Xylenes	50.00	54.02	108	80-127
o-Xylene	25.00	26.55	106	80-124

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-123
1,2-Dichloroethane-d4	99	79-134
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-122

Type: BSD Lab ID: QC405065

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	123.8	99	68-132	8	20
MTBE	25.00	22.68	91	71-120	5	20
Isopropyl Ether (DIPE)	25.00	22.42	90	65-120	7	20
Ethyl tert-Butyl Ether (ETBE)	25.00	23.89	96	75-124	5	20
1,2-Dichloroethane	25.00	21.73	87	79-121	11	20
Benzene	25.00	24.19	97	80-120	8	20
Methyl tert-Amyl Ether (TAME)	25.00	23.28	93	77-120	1	20
Toluene	25.00	25.53	102	80-120	2	20
1,2-Dibromoethane	25.00	24.04	96	80-120	4	20
Ethylbenzene	25.00	25.36	101	80-124	8	20
m,p-Xylenes	50.00	51.21	102	80-127	5	20
o-Xylene	25.00	25.80	103	80-124	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-123
1,2-Dichloroethane-d4	96	79-134
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-122

RPD= Relative Percent Difference

Geomatrix

ATTACHMENT B

Shell's "Statement of Environmental Responsibility" (February 7, 2008)

Mr. Allen Sebanc
2805 Ralston Avenue
Hillsborough, California 94010

Shell Oil Products US
Environmental Claims
One Shell Plaza, Rm 665
910 Louisiana
Houston, Texas 77002
Tel (713) 241-0548
Fax (713) 241-6926
Email beth.flowers@shell.com
Internet http://www.shell.com

Via Overnight Mail

February 7, 2008

Re: Statement of Environmental Responsibility
2301 – 2307 Lincoln Avenue, Alameda, California

Dear Mr. Sebanc:

This letter shall serve as an agreement between Mr. Allen Sebanc ("Owner") and Shell Oil Products US ("Shell"), collectively "Parties", concerning the site located at 2301 – 2307 Lincoln Avenue, Alameda, California (the "Property"). Mr. Sebanc owns the Property. Shell owned and operated a service station at the Property. Shell exited the Property in 1982. Since that time, the Property has been used as a retail center. Owner recently contracted with Geomatrix Consultants, Inc. to conduct a subsurface environmental investigation of the Property. During the investigation, petroleum hydrocarbons were identified in both the soil and groundwater at the Property.

Shell will comply with all applicable federal, state, and local laws, regulations and ordinances dealing with contamination on the Property that are attributable to the acts and/or omissions of Shell, its employees and agents. To that end, we will comply fully with governmental requests, notices and consent orders which Shell may execute as appropriate concerning the environment and which may have a direct affect on the Property.

Subject only to the conditions and limitations contained in this letter, Shell agrees to hold the Owner and his successors, assigns, and any subsequent title interest holders harmless (including any financial entity that may retain a title interest as collateral for financing) from both the requirement and reasonable costs of performing the cleanup of contamination at the Property or emanating from the Property found to be attributable to Shell and for which cleanup is required or ordered by any federal, state or local court, governmental entity, unit, department, or agency. The term "cleanup" shall include, but not be limited to, the contamination and/or its removal and all response costs or their equivalents.

The terms "contamination", "soil or groundwater contamination", "cleanup", and "removal and response costs" shall be interpreted to mean that which any court or government order, or regulatory agency with jurisdiction and authority may understand these terms to mean.

Sincerely,
Shell Oil Products US

Beth A. Flowers

Beth A. Flowers
Environmental Claims Manager

Cc: Denis Brown, Shell Oil Products US

Mr. Jake Torrens, Geomatrix Consultants, Inc., 2102 Webster Street, 12th Floor, Oakland, California 94612

ATTACHMENT C

Limited Phase II Environmental Site Investigation (August 12, 1999) Prepared by Basics Environmental

LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION

2301-2307 LINCOLN AVENUE
ALAMEDA
CALIFORNIA

FOR

MR. ALLAN SEABANC
HILLSBOROUGH
CALIFORNIA

basics
ENVIRONMENTAL

AUGUST 12, 1999
99-ENV168A

116 GLORIETTA BLVD • ORINDA ,CA • 94563 • TEL/FAX 925-258-9099/9098

basics
ENVIRONMENTAL

August 12, 1999
99-ENV168A

Mr. Allan A. Seabanc
10 Stacey Court
Hillsborough, CA 94010

Subject: Limited Phase II Environmental Site Investigation Report
2301-2307 Lincoln Avenue
Alameda, CA 94501

Dear Mr. Seabanc:

This report describes a Limited Phase II Environmental Site Investigation Report of the site located at 32301-2307 Lincoln Avenue in Alameda, California. The scope of work included a preliminary investigation to assess the potential subsurface environmental impacts from past gasoline and auto maintenance operations conducted at the subject site.

Based on the information compiled from the sampling of the soil from six onsite test borings and ground water from five onsite test borings, our findings indicate significant levels of total petroleum hydrocarbons as gasoline and its constituents appear to be impacting the ground water and recommend further investigation of site conditions.

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

Sincerely,

Basics Environmental

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

PHASE-II.LTR

116 GLORIETTA BLVD • ORINDA ,CA • 94563 • TEL/FAX 925-258-9099/9098

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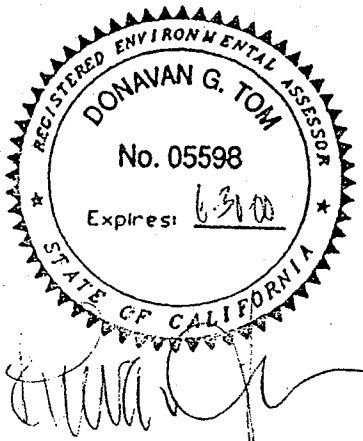
PROFESSIONAL CERTIFICATION

REPORT
LIMITED PHASE II SITE INVESTIGATION
2301-2307 LINCOLN AVENUE
ALAMEDA, CALIFORNIA
99-ENV168A
AUGUST 12, 1999

This report has been prepared by the staff of Basics Environmental (Basics) under the professional supervision of the Principal Consultant whose seal and signature appears hereon. The findings, interpretations of data, recommendations, specifications or professional opinions are presented within the limits prescribed by available information at the time the report was prepared, in accordance with generally accepted professional engineering and geologic practice and within the requirements by the Client. There is no other warranty, either expressed or implied.

The data and findings of this report are based on the data and information obtained from the agreed upon scope of work between Basics and the Client. Because contamination is not necessarily evenly distributed across the property's soils and ground water, it can easily remain undetected. Additional scope of services (at greater cost) may or may not disclose information which may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions which may be made by the Client or others regarding the subject Site.

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



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

1.0 INTRODUCTION

1.1 Purpose of Investigation

Basics Environmental (Basics) has performed this Limited Phase II Site Investigation (Phase II) for Mr. Allan A. Seabanc pursuant to our letter of engagement signed July 16, 1999. The "subject site" is at 2301-2307 Lincoln Avenue, Alameda, California (See Drawing 1).

1.2 Background

Historical information obtained from an Environmental Assessment, dated March 19, 1998 conducted by Basics for the subject site, revealed revealed the site was occupied by three residential dwellings in 1897. Sometime between 1897 and 1948, the site was occupied by an auto shop (2301 Lincoln Avenue) and two residential dwellings. Sometime between 1948 and 1950, the site was occupied by a gasoline service station/tire recapping facility (2301 Lincoln Avenue) and two residential dwellings. The gasoline service station and auto repair facilities were noted at the northeast corner of the Lincoln Avenue and Oak Street. Sometime during the early 1980s, the subject site was reported to have been redeveloped into the retail strip center as noted today. Since that time the subject site has been utilized for commercial retail space.

Information from local regulatory agencies revealed 2301 Lincoln Avenue was first developed into a gas station in 1926. In 1970, the underground storage tanks were replaced by Shell Oil. In 1982, the Shell gasoline service station was closed. During that time one 8,000-gallon, two 2,000-gallon, and one 1,000-gallon gasoline underground storage tanks were removed. No additional information regarding soil and/or ground water testing or visual observations during removal were available.

1.3 Scope of Work

Based on historical information, the subject site has a potential long history of utilizing hazardous materials associated with past gasoline and auto maintenance operations including, but not limited to, petroleum hydrocarbons, lubricating oils and solvents. In addition, the lack of soil and ground water testing during the removal of the former gasoline station, associated underground storage tanks, pumps and piping (reported by local regulatory agencies) suggest a

potential of inadvertent discharges of these materials to surface below.

On the basis of the information reviewed, Basics was contracted by Mr. Allan A. Seabanc to perform the following Limited Phase II Environmental Site Investigation approach to assess the potential subsurface environmental impacts from past gasoline and auto maintenance operations conducted at the subject site.

The scope of work performed for this Limited Phase II Site Investigation consisted of the following tasks:

- Under the direction of a California Registered Geologist, six exploratory borings were to be advanced within the former area of the underground storage tanks (based on historical Sanborn Fire Insurance Maps) and along the northwest perimeter of the subject site (perceived up gradient);
- Soil samples were to be collected from below the concrete surface at approximately five to eight feet below ground surface within the native soil. One grab water sample was also to be taken from each boring. If deemed waranted from visual observations of the samples, additional soil samples may be collected from the exploratory borings;
- Samples were to be collected, labeled, placed in a cooler with chemical ice, and transported under Chain of Custody control to McCambell Analytical Laboratory, a certified laboratory with the Department of Toxic Substances Control (DTSC) of the California Environmental Protection Agency, for analysis; and
- Samples were to be analyzed for Total Petroleum Hydrocarbons as gasoline, benzene, toluene, ethylbenzene, total xylenes and tert-methyl butyl ethylene (TPH-g, BTEX and MTBE) and Volatile Organic Compounds.

The work for this Limited Phase II Site Investigation was performed within the client approved scope of work and budget for the investigation.

1.4 Permits and Regulatory Compliance

Several regulatory agencies were contacted prior to the beginning of this work and the permits necessary to proceed were obtained. Permits and/or approvals were obtained from the following agencies:

- Mr. Alvin Kan, County of Alameda Public Works Agency, Water Resources Section, Permit No. 99WR463; and
- Underground Services Alert (U.S.A.), U.S.A. Job No. 536222.

2.0 SOIL AND GROUND WATER SAMPLING

2.1 Field Activities

2.1.1 Preliminary Subsurface Investigation

On July 24, 1999, six soil test borings were advanced by Fast Tek, Inc. (FTI; Richmond, California) under the direction of a California Registered Geologist. The borings were specifically designed to sample the soil and ground water if encountered. The targeted areas of concern are shown on Drawing 2 and include:

- Six exploratory borings (SB-1 - SB-6) were advanced within the former area of the underground storage tanks (based on historical Sanborn Fire Insurance Maps) and along the northwest perimeter of the subject site (perceived up gradient).

These locations were intended to provide subsurface chemistry data at potential areas of environmental impacts from past gasoline and automobile maintenance operations conducted at the site.

FTI utilized Geoprobe® 5400 Direct Penetration Technology (DPT) drilling methods. DPT uses dry impact methods to drive boring tools into the subsurface. A soil sample was collected in 2-inch diameter, four foot steel continuous core sampler. Polyethylene terephthalate glycol (PETG) soil liners were utilized within the inner sample barrel. PETG soil liners are transparent and inert to petroleum hydrocarbons, metals, solvents, pesticides and most hazardous materials (except high levels of phenols). After advancing both the drive-casing and sample barrel 4 feet, the sampler was retracted, and the sample removed. Selected samples then were sealed and labeled for analytical purposes; the remainder of the samples were scrutinized for field characterization. The drive-casing and sample barrel were advanced in this manner until the total depth of each borehole was reached.

A soil sample from each of the borings was retrieved from the discrete depth of 5 and 7.5 feet bgs. within the native soil. The samples for analytical purposes were covered on each end with Teflon, capped, sealed with tape, labeled, and placed in an insulated chest containing ice. A log of the borings, which indicate site lithology, soil sampling depths, and other pertinent information was developed under the direction of a California Registered Geologist during the drilling program and is included in Appendix A.

The borings were advanced to total depths not exceeding 10 feet bgs and converted to temporary wells and "grab" ground water samples were collected. The sampling procedures followed by Basics field geologist are described below:

- Threading together and lowering into the boring 1-inch diameter PVC well casing to the bottom of the borehole;
- Allowing the temporary well time to stabilize;
- Lowering a plastic disposable bailer into the well, collecting a ground water sample, and lifting the water sample to the surface; and
- Decanting the sample into labeled, laboratory-provided containers and placing the containers into an insulated chest containing ice.

Ground water was not encountered in SB-5 after letting stand for one hour. Subsequently, the PVC well casing was removed and all of the boreholes were backfilled to the surface with a neat cement slurry. The drill cuttings were collected and placed in one 5-gallon pail, which was properly disposed of by FTI.

Once collected in the field, all samples were maintained under chain of custody until delivered to the laboratory. The soil and ground water samples were immediately delivered to McCambell Analytical Laboratory, Inc. (McCambell; Pacheco, California), a State-certified laboratory.

3.0 CHEMICAL ANALYSES AND RESULTS

3.1 Chemical Analyses

The soil and "grab" ground water samples taken from the soil test borings were analyzed for the following:

- Total Petroleum Hydrocarbons as gasoline, benzene, toluene, ethylbenzene, total xylenes and tert-methyl butyl ethylene (TPH-g, BTEX and MTBE) (EPA Modified Method 8015); and
- Volatile Organic Compounds (VOCs) (EPA Method 8260).

3.2 Analytical Results

Results of chemical analyses on soil and grab water samples collected on July 24, 1999 are presented in Table 1, Table 2 and Table 3. Certified laboratory reports are presented in Appendix B, including chain-of-custody record data.

Table 1. Soil Analytical Results

Sample ID	Depth Feet	TPH-g mg/kg	B mg/kg	T mg/kg	E mg/kg	X mg/kg	MTBE mg/kg	Carbon Disulfide mg/kg
SB-1	7.5	ND	ND	ND	ND	ND	ND	ND
SB-2	7.5	ND	ND	ND	ND	ND	ND	13
SB-3	7.5	40*	ND	ND	0.012	ND	ND	ND
SB-4	7.5	ND	ND	ND	ND	ND	ND	ND
SB-5	7.5	ND	ND	ND	ND	ND	ND	ND
SB-6	5	ND	ND	ND	ND	ND	ND	ND

ND means not detected above the reporting limit. No other detectable amounts of volatile organic compounds analyzed as part of EPA 8260 were discovered in the soil samples taken. *Strongly aged gasoline or diesel range compounds are significant. MTBE results were verified using EPA Method 8260.

Table 2. Ground Water Analytical Results (TPH-g, BTEX, MTBE)

Sample ID	Depth Feet	TPH-g µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L
SB-1W	8	ND	ND	ND	ND	ND	ND
SB-2W	8	ND	ND	ND	ND	ND	ND
SB-3W	8	4,500*	ND	4.4	2.7	4.0	ND
SB-4W	8	ND	ND	ND	ND	ND	ND
SB-6W	8	160	ND	ND	ND	ND	ND

ND means not detected above the reporting limit. *Heavier gasoline range compounds are significant (aged gasoline), lighter than water immiscible sheen was present and liquid sample contained greater than 5% volume of sediment. Note ground water was not encountered within SB-5 at depths of 10 feet bgs.

Table 3. Ground Water Analytical Results (VOCs)

Sample ID	Depth Feet	n-Butyl benzene µg/L	sec-Butyl benzene µg/L	Isopropyl benzene µg/L	n-Propyl benzene µg/L	Vinyl Acetate µg/L
SB-1W	8	ND	ND	ND	ND	ND
SB-2W	8	ND	ND	ND	ND	ND
SB-3W	8	10	14	45	60	26
SB-4W	8	ND	ND	ND	ND	ND
SB-6W	8	160	ND	ND	ND	ND

ND means not detected above the reporting limit. No other detectable amounts of other volatile organic compounds analyzed as part of EPA 8260 were discovered in the grab water samples taken. Note ground water was not encountered within SB-5 at depths of 10 feet bgs.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

Based on the results of the soil testing reported herein, detectable amounts of total petroleum hydrocarbons as gasoline and ethylbenzene were discovered within exploratory boring (SB-3) located at the southwest corner of the subject site and detectable amounts of carbon disulfide was discovered within exploratory boring (SB-2) located at the northwest perimeter of the subject site at depths of 7.5 feet bgs. Maximum concentrations detected included 40 mg/kg of total petroleum hydrocarbons as gasoline, 0.012 mg/kg of ethylbenzene and 13 mg/kg of carbon disulfide. No other detectable amounts of volatile organic compounds analyzed as part (EPA Method 8260) were discovered within the soil samples collected.

Based on the results of the ground water testing reported herein, detectable amounts of total petroleum hydrocarbons as gasoline, toluene, ethylbenzene, total xylenes, n-butyl benzene, sec-butyl benzene, isopropyl benzene, n-propyl benzene, and vinyl acetate were discovered within the ground water from SB-3 located at the southwest corner of the subject site. Maximum concentrations detected included 4,500 µg/L of total petroleum hydrocarbons as gasoline, 4.4 µg/L of toluene, 2.7 µg/L of ethylbenzene, 4.0 µg/L of total xylenes, 10 µg/L of n-butyl benzene, 14 µg/L of sec-butyl benzene, 45 µg/L of isopropyl benzene, 60 µg/L of n-propyl benzene, and 26 µg/L of vinyl acetate from a grab water sample taken at 8 feet below the surface. In addition, 160 µg/L of total petroleum hydrocarbons as gasoline was detected in the grab water sample taken from SB-6 located east of the former underground storage tanks. No other volatile organic compounds analyzed as part (EPA Method 8260) were discovered within the grab water samples collected.

Analytical results indicate impacts of total petroleum hydrocarbons as gasoline, ethylbenzene and carbon disulfide to the soil are not considered significant and below regulatory action. The level of these chemicals are below the Preliminary Remediation Goals set forth by the Department of Toxic Substance Control for industrial sites.

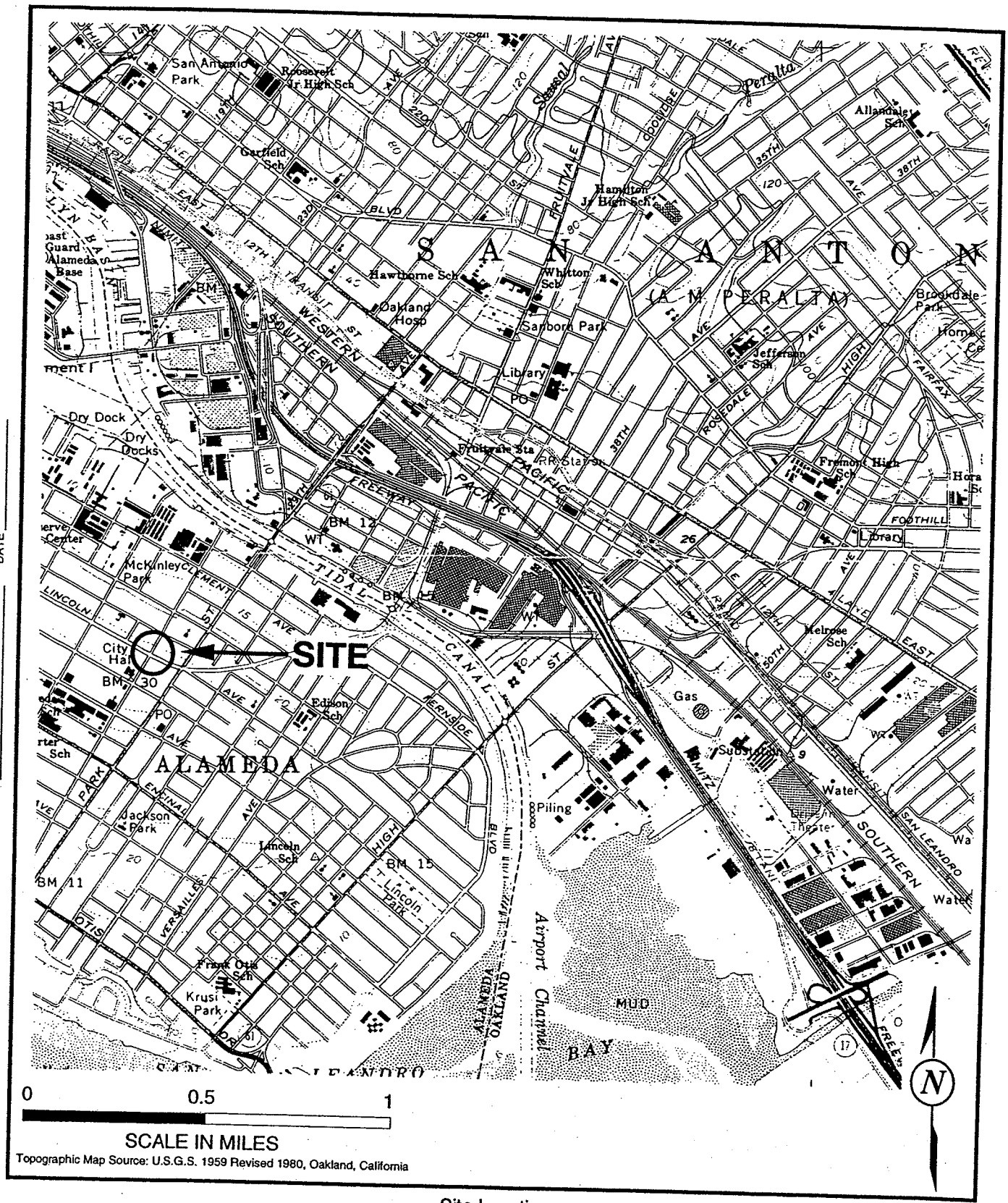
Analytical results indicate impacts of toluene, ethylbenzene, total xylenes and vinyl acetate to the ground water are not considered significant and below regulatory action. The level of these chemicals are below the published Maximum Contaminant Levels (MCLs) for drinking water. However, analytical results indicate impacts of total petroleum hydrocarbons as gasoline, n-butyl

benzene, sec-butyl benzene, isopropyl benzene and n-propyl benzene to the ground water are considered significant and above regulatory action. The level of these chemicals are above the published Maximum Contaminant Levels (MCLs) for drinking water.

Based on the fact that (1) ground water in the vicinity is very shallow; (2) elevated levels of total petroleum hydrocarbons as gasoline, n-butyl benzene, sec-butyl benzene, isopropyl benzene and n-propyl benzene were only discovered within the grab water sample collected from SB-3 (southwest corner of the subject site) at depths of 8 feet bgs at the subject site; (3) the total petroleum hydrocarbons as gasoline detected are in the heavier gasoline range (aged gasoline) and the benzene constituents appear to be by products of benzene; and (4) MTBE was not discovered within any of the ground water samples collected, suggest ground water impact from onsite underground storage tanks, pipes or pumps formerly located at or below the shallow aquifer appears to be confined to the extreme southwest corner of the subject site.

4.2 Recommendations

On the basis of the information compiled from the limited soil and ground water investigation conducted by Basics, the level of total petroleum hydrocarbons as gasoline, n-butyl benzene, sec-butyl benzene, isopropyl benzene and n-propyl benzene discovered within the ground water are considered significant, above regulatory action levels and warrant further investigation. Based on these levels the owner/operator is required to report the results to the local enforcing agency (Alameda County Environmental Health Services, Local Oversight Program (ACEHS) for review. Based on ACEHS review, the owner/operator may be required to "define" or provide more specific information about the contamination problem.



Topographic Map Source: U.S.G.S. 1959 Revised 1980, Oakland, California

Site Location

basics ENVIRONMENTAL

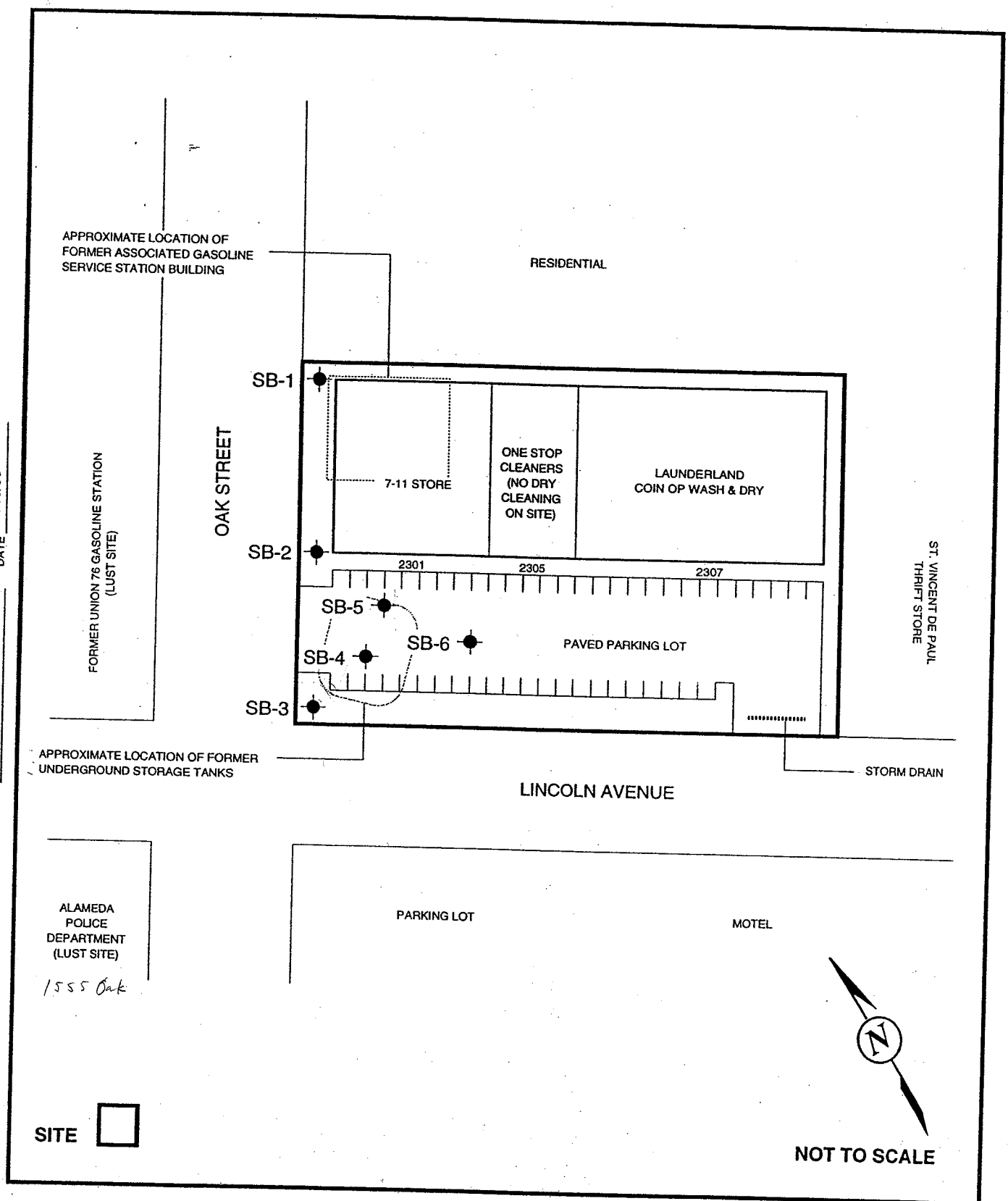
Limited Phase II Environmental Site Investigation
2301-2307 Lincoln Avenue
Alameda, California

PROJECT NO.
99-ENV168A

DRAWING NO.
1

PREPARED BY DGT REVIEWED BY DATE 8/10/99

TBLCK (5/28/92)



DATE 8/10/99

REVIEWED BY

PREPARED BY DGT

Soil Test Boring Locations

basics ENVIRONMENTAL

Limited Phase II Environmental Site Investigation
2301-2307 Lincoln Avenue
Alameda, California

PROJECT NO.
99-ENV168A

DRAWING NO.
2

TBLCK (5/28/92)

APPENDIX A

116 GLORIETTA BLVD • ORINDA ,CA • 94563 • TEL/FAX 925-258-9099/9098

Geologic Log

PROJECT NO: 99-ENV168A	BORING NO: SB-1	SHEET 1 OF 1	

CLIENT: MR. ALLAN A. SEABANC	SITE: 2301-2307 Lincoln Avenue, Alameda, California		
LOGGED BY: Jennifer Pucci	CHECKED BY: Marda T. Herbert, R.G., C.E.G.	DATE: 7/24/99	
DATE(S) DRILLED: 7/24/99	DATE(S) WELL INSTALLED:	BORING DIA: 2"	TOTAL DEPTH: 10ft.
GROUND ELEV:	T.O.C. ELEV:	DEPTH/ELEV. GROUND WATER (ATD): 8ft.	
DRILLING CO: Fast-Tek, Inc.	DRILLER: TF	DRILLING EQUIP: Geoprobe	
COORDINATES:	SAMPLING INFORMATION:		

DRILLING SUMMARY: Continous core advanced to 10 feet in depth: soil sample collected at 5' and 7.5'. Screened with PVC liner. Ground water encountered at 8'. Backfilled with neat cement slurry.

Sample No.	Recovery	Well Diagram	Depth Elev.	Graphic Log	Sample	Lithologic Description Description, Color, Density, Moisture
	3.0 for 4.0		0			GROUND SURFACE SAND (SP) - fine grained, medium brown, no moisture, no odor
SB-1 @5'	4.0 for 4.0		5			As Above
SB-1 @7.5'		▽ Approximate ground water level.	10			As Above, slightly moist
						End Boring at 10 feet below ground surface.
			15			
			20			
			25			
			30			
			35			

basics environmental

Geologic Log

PROJECT NO: 99-ENV168A	BORING NO: SB-2	SHEET 1 OF 1

CLIENT:. MR. ALLAN A. SEABANC		SITE: 2301-2307 Lincoln Avenue, Alameda, California	
LOGGED BY: Jennifer Pucci	CHECKED BY: Marda T. Herbert, R.G., C.E.G.		DATE: 7/24/99
DATE(S) DRILLED: 7/24/99	DATE(S) WELL INSTALLED:	BORING DIA: 2"	TOTAL DEPTH: 10ft.
GROUND ELEV:	T.O.C. ELEV:	DEPTH/ELEV. GROUND WATER (ATD): 8ft.	
DRILLING CO: Fast-Tek, Inc.	DRILLER: TF	DRILLING EQUIP: Geoprobe	
COORDINATES:		SAMPLING INFORMATION:	

DRILLING SUMMARY: Continous core advanced to 10 feet in depth: soil sample collected at 5' and 7.5'. Screened with PVC liner. Ground water encountered at 8'. Backfilled with neat cement slurry.

Sample No.	Recovery	Well Diagram	Depth Elev.	Graphic Log	Sample	Lithologic Description Description, Color, Density, Moisture
	3.0 for 4.0		0			GROUND SURFACE SAND (SP) - fine grained, medium brown, no moisture, no odor
SB-2 @5'	4.0 for 4.0		5			As Above
SB-2 @7.5'		▽ Approximate ground water level.				As Above
			10			End Boring at 10 feet below ground surface.
			15			
			20			
			25			
			30			
			35			

basics environmental

Geologic Log

PROJECT NO: 99-ENV168A	BORING NO: SB-3	SHEET 1 OF 1	

CLIENT: MR. ALLAN A. SEABANC	SITE: 2301-2307 Lincoln Avenue, Alameda, California		
LOGGED BY: Jennifer Pucci	CHECKED BY: Marda T. Herbert, R.G., C.E.G.	DATE: 7/24/99	
DATE(S) DRILLED: 7/24/99	DATE(S) WELL INSTALLED:	BORING DIA: 2"	TOTAL DEPTH: 10ft.
GROUND ELEV:	T.O.C. ELEV:	DEPTH/ELEV. GROUND WATER (ATD): 8ft.	
DRILLING CO: Fast-Tek, Inc.	DRILLER: TF	DRILLING EQUIP: Geoprobe	
COORDINATES:	SAMPLING INFORMATION:		

DRILLING SUMMARY: Continous core advanced to 10 feet in depth: soil sample collected at 5' and 7.5'. Screened with PVC liner. Ground water encountered at 8'. Backfilled with neat cement slurry.

		Well Diagram	Depth Elev.	Lithologic Description Description, Color, Density, Moisture
			0	GROUND SURFACE
	3.0 for 4.0			SAND (SP) - fine grained, medium brown, no moisture, no odor
SB-3 @5'	4.0 for 4.0		5	As Above, color change, greenish
SB-3 @7.5'		▽ Approximate ground water level.	10	SILTY SAND (SM) - fine grained, 30% fines, 70% sand, soil staining, hydrocarbon odor
				End Boring at 10 feet below ground surface.
			15	
			20	
			25	
			30	
			35	

basics environmental

Geologic Log

PROJECT NO: 99-ENV168A	BORING NO: SB-4	SHEET 1 OF 1	

CLIENT: MR. ALLAN A. SEABANC	SITE: 2301-2307 Lincoln Avenue, Alameda, California		
LOGGED BY: Jennifer Pucci	CHECKED BY: Marda T. Herbert, R.G., C.E.G.	DATE: 7/24/99	
DATE(S) DRILLED: 7/24/99	DATE(S) WELL INSTALLED:	BORING DIA: 2"	TOTAL DEPTH: 10ft.
GROUND ELEV:	T.O.C. ELEV:	DEPTH/ELEV. GROUND WATER (ATD): 8ft.	
DRILLING CO: Fast-Tek, Inc.	DRILLER: TF	DRILLING EQUIP: Geoprobe	
COORDINATES:	SAMPLING INFORMATION:		

DRILLING SUMMARY: Continous core advanced to 10 feet in depth: soil sample collected at 5' and 7.5'. Screened with PVC liner. Ground water encountered at 8'. Backfilled with neat cement slurry.

		Well Diagram	Depth Elev.	Lithologic Description Description, Color, Density, Moisture
	3.0 for 4.0		0	ASPHALT SURFACE SAND (SP) - fine grained, medium brown, no moisture, no odor
SB-4 @5'	3.0 for 4.0		5	As Above
SB-4 @7.5'		▽ Approximate ground water level.	10	As Above, moist
				End Boring at 10 feet below ground surface.
			15	
			20	
			25	
			30	
			35	

basics environmental

Geologic Log

PROJECT NO: 99-ENV168A	BORING NO: SB-6	SHEET 1 OF 1

CLIENT: MR. ALLAN A. SEABANC		SITE: 2301-2307 Lincoln Avenue, Alameda, California	
LOGGED BY: Jennifer Pucci	CHECKED BY: Marda T. Herbert, R.G., C.E.G.		DATE: 7/24/99
DATE(S) DRILLED: 7/24/99	DATE(S) WELL INSTALLED:	BORING DIA: 2"	TOTAL DEPTH: 10ft.
GROUND ELEV:	T.O.C. ELEV:	DEPTH/ELEV. GROUND WATER (ATD): 8ft.	
DRILLING CO: Fast-Tek, Inc.	DRILLER: TF	DRILLING EQUIP: Geoprobe	
COORDINATES:		SAMPLING INFORMATION:	

DRILLING SUMMARY: Continous core advanced to 10 feet in depth: soil sample collected at 5' and 10'. Screened with PVC liner. Ground water encountered at 8'. Backfilled with neat cement slurry.

		Well Diagram	Depth Elev.			Lithologic Description Description, Color, Density, Moisture
			0			ASPHALT SURFACE
	3.0 for 4.0					SAND (SP) - Firm, well graded, medium brown, no moisture, no odor
SB-6 @5'			5			As Above
	3.0 for 4.0					
		▽ Approximate ground water level.				As Above, moist
SB-6 @10'			10			As Above, color change, gray
						End Boring at 10 feet below ground surface.
			15			
			20			
			25			
			30			
			35			

basics environmental

APPENDIX B

116 GLORIETTA BLVD • ORINDA ,CA • 94563 • TEL/FAX 925-258-9099/9098

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Basics Environmental 116 Gloreitta Boulevard Orinda, CA 94563	Client Project ID: Alameda	Date Sampled: 07/24/99
		Date Received: 07/24/99
	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/24/99

08/02/99

Dear Donavan:

Enclosed are:

1). the results of **11** samples from your **Alameda** project,

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
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Basics Environmental	Client Project ID: Alameda	Date Sampled: 07/24/99
116 Gloreitta Boulevard		Date Received: 07/24/99
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/26-07/30/99

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
15958	SB-6,5	S	ND	ND	ND	ND	ND	ND	96
15961	SB-5,8	S	ND	ND	ND	ND	ND	ND	102
15963	SB-4,8	S	ND	ND	ND	ND	ND	ND	94
15965	SB-3,8	S	40,g	ND	ND	ND	0.012	ND	97
15967	SB-1,5	S	ND	ND	ND	ND	ND	ND	101
15969	SB1,8	S	ND	ND	ND	ND	ND	ND	95
15970	SB1W	W	ND,i	ND	ND	ND	ND	ND	108
15971	SB2W	W	ND,i	ND	ND	ND	ND	ND	104
15972	SB3W	W	4500,j,b,h,i	ND<20	ND	4.4	2.7	4.0	102
15973	SB4W	W	ND,i	ND	ND	ND	ND	ND	109
15974	SB6W	W	160,b,i	ND	ND	ND	ND	ND	100
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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http://www.mccampbell.com E-mail: main@mccampbell.com

Basics Environmental	Client Project ID: Alameda	Date Sampled: 07/24/99
116 Gloreitta Boulevard		Date Received: 07/24/99
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

EPA method 8260

Volatile Organics By GC/MS

Lab ID	15958		
Client ID	SB6,5		
Matrix	S		
Compound	Concentration*	Compound	Concentration*
Acetone [b]	ND<15	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone [d]	ND
sec-Butyl benzene	ND	Methylene Chloride[e]	ND<10
tert-Butyl benzene	ND	Methyl ethyl ketone [f]	ND
Carbon Disulfide	ND	Methyl isobutyl ketone [g]	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	—
Chlorobenzene	ND	Naphthalene	ND<10
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether[c]	ND	Styrene [i]	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND<10
4-Chlorotoluene	ND	Toluene [m]	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethene	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate [n]	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride [o]	ND
trans-1,2-Dichloroethene	ND	Xylenes, total [p]	ND
1,2-Dichloropropane	ND	**Comments:**	
1,3-Dichloropropane	ND	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND	Dibromofluoromethane	100
1,1-Dichloropropene	ND	Toluene-d8	107
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	99

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

DHS Certification No. 1644

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Basics Environmental 116 Gloreitta Boulevard Orinda, CA 94563	Client Project ID: Alameda	Date Sampled: 07/24/99
		Date Received: 07/24/99
	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

Volatile Organics By GC/MS

EPA method 8260

Lab ID	15961
Client ID	SB5,8
Matrix	S

Compound	Concentration*	Compound	Concentration*
Acetone (b)	ND<15	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone (d)	ND
sec-Butyl benzene	ND	Methylene Chloride(e)	ND<10
tert-Butyl benzene	ND	Methyl ethyl ketone (f)	ND
Carbon Disulfide	ND	Methyl isobutyl ketone (g)	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	—
Chlorobenzene	ND	Naphthalene	ND<10
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether(c)	ND	Styrene (i)	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND
4-Chlorotoluene	ND	Toluene (m)	ND<10
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate (n)	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride (o)	ND
trans-1,2-Dichloroethene	ND	Xylenes, total (p)	ND
1,2-Dichloropropane	ND	**Comments:**	
1,3-Dichloropropane	ND	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND	Dibromofluoromethane	102
1,1-Dichloropropene	ND	Toluene-d8	108
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	106

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

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116 Gloreitta Boulevard		Date Received: 07/24/99
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

Volatile Organics By GC/MS

EPA method 8260

Lab ID	15963		
Client ID	SB4,8		
Matrix	S		
Compound	Concentration*	Compound	Concentration*
Acetone [b]	ND<15	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone [d]	ND
sec-Butyl benzene	ND	Methylene Chloride[e]	ND<10
tert-Butyl benzene	ND	Methyl ethyl ketone [f]	ND
Carbon Disulfide	ND	Methyl isobutyl ketone [g]	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	---
Chlorobenzene	ND	Naphthalene	ND<10
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether[c]	ND	Styrene [i]	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND<10
4-Chlorotoluene	ND	Toluene [m]	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate [n]	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride [o]	ND
trans-1,2-Dichloroethene	ND	Xylenes, total [p]	ND
1,2-Dichloropropane	ND	**Comments:**	
1,3-Dichloropropane	ND	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND	Dibromofluoromethane	103
1,1-Dichloropropene	ND	Toluene-d8	105
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	98

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

DHS Certification No. 1644

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Basics Environmental	Client Project ID: Alameda	Date Sampled: 07/24/99
116 Gloreitta Boulevard		Date Received: 07/24/99
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

Volatile Organics By GC/MS

EPA method 8260

Lab ID	15965
Client ID	SB3,8
Matrix	S

Compound	Concentration*	Compound	Concentration*
Acetone (b)	ND<15	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone (d)	ND
sec-Butyl benzene	ND	Methylene Chloride(e)	ND<10
tert-Butyl benzene	ND	Methyl ethyl ketone (f)	ND
Carbon Disulfide	ND	Methyl isobutyl ketone (g)	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	---
Chlorobenzene	ND	Naphthalene	ND<10
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether(c)	ND	Styrene (i)	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND<10
4-Chlorotoluene	ND	Toluene (m)	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate (n)	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride (o)	ND
trans-1,2-Dichloroethene	ND	Xylenes, total (p)	ND
1,2-Dichloropropane	ND	Comments:	
1,3-Dichloropropane	ND	Surrogate Recoveries (%)	
2,2-Dichloropropane	ND	Dibromofluoromethane	101
1,1-Dichloropropene	ND	Toluene-d8	106
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	106

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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Basics Environmental	Client Project ID: Alameda	Date Sampled: 07/24/99
116 Gloreitta Boulevard		Date Received: 07/24/99
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

Volatile Organics By GC/MS

EPA method 8260

Lab ID	15967
Client ID	SB2,8
Matrix	S

Compound	Concentration*	Compound	Concentration*
Acetone (b)	ND<15	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone (d)	ND
sec-Butyl benzene	ND	Methylene Chloride(e)	ND<10
tert-Butyl benzene	ND	Methyl ethyl ketone (f)	ND
Carbon Disulfide	13	Methyl isobutyl ketone (g)	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	---
Chlorobenzene	ND	Naphthalene	ND<10
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether(c)	ND	Styrene (i)	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND<10
4-Chlorotoluene	ND	Toluene (m)	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate (n)	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride (o)	ND
trans-1,2-Dichloroethene	ND	Xylenes, total (p)	ND
1,2-Dichloropropane	ND	**Comments:**	
1,3-Dichloropropane	ND	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND	Dibromofluoromethane	80
1,1-Dichloropropene	ND	Toluene-d8	104
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	113

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

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Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/24/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

EPA method 8260

Volatile Organics By GC/MS

Lab ID	15969		
Client ID	SB1,8		
Matrix	S		
Compound	Concentration*	Compound	Concentration*
Acetone [b]	ND<15	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone [d]	ND
sec-Butyl benzene	ND	Methylene Chloride[e]	ND<10
tert-Butyl benzene	ND	Methyl ethyl ketone [f]	ND
Carbon Disulfide	ND	Methyl isobutyl ketone [g]	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	---
Chlorobenzene	ND	Naphthalene	ND<10
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether[c]	ND	Styrene [i]	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND<10
4-Chlorotoluene	ND	Toluene [m]	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate [n]	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride [o]	ND
trans-1,2-Dichloroethene	ND	Xylenes, total [p]	ND
1,2-Dichloropropane	ND	**Comments:**	
1,3-Dichloropropane	ND	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND	Dibromofluoromethane	103
1,1-Dichloropropene	ND	Toluene-d8	114
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	120

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

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Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/26-08/02/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

EPA method 8260

Volatile Organics By GC/MS

Lab ID	15970		
Client ID	SB1W		
Matrix	W		
Compound	Concentration*	Compound	Concentration*
Acetone [b]	ND<5	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone [d]	ND
sec-Butyl benzene	ND	Methylene Chloride[e]	ND
tert-Butyl benzene	ND	Methyl ethyl ketone [f]	ND<5
Carbon Disulfide	ND	Methyl isobutyl ketone [g]	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	ND
Chlorobenzene	ND	Naphthalene	---
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether[c]	ND	Styrene [i]	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND
4-Chlorotoluene	ND	Toluene [m]	ND<5
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate [n]	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride [o]	ND
trans-1,2-Dichloroethene	ND	Xylenes, total [p]	ND
1,2-Dichloropropane	ND	Comments: i	
1,3-Dichloropropane	ND	Surrogate Recoveries (%)	
2,2-Dichloropropane	ND	Dibromofluoromethane	105
1,1-Dichloropropene	ND	Toluene-d8	106
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	99

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

DHS Certification No. 1644

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116 Gloreitta Boulevard		Date Received: 07/24/99
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/26-08/02/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

EPA method 8260 **Volatile Organics By GC/MS**

Lab ID	15971		
Client ID	SB2W		
Matrix	W		
Compound	Concentration*	Compound	Concentration*
Acetone (b)	ND<5	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone (d)	ND
sec-Butyl benzene	ND	Methylene Chloride(e)	ND
tert-Butyl benzene	ND	Methyl ethyl ketone (f)	ND<5
Carbon Disulfide	ND	Methyl isobutyl ketone (g)	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	ND
Chlorobenzene	ND	Naphthalene	---
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether(c)	ND	Styrene (i)	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND
4-Chlorotoluene	ND	Toluene (m)	ND<5
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate (n)	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride (o)	ND
trans-1,2-Dichloroethene	ND	Xylenes, total (p)	ND
1,2-Dichloropropane	ND	Comments: i	
1,3-Dichloropropane	ND		
2,2-Dichloropropane	ND	**Surrogate Recoveries (%)**	
1,1-Dichloropropene	ND	Dibromofluoromethane	104
cis-1,3-Dichloropropene	ND	Toluene-d8	103
		4-Bromofluorobenzene	92

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

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Volatile Organics By GC/MS

EPA method 8260

Lab ID	15972		
Client ID	SB3W		
Matrix	W		
Compound	Concentration*	Compound	Concentration*
Acetone [b]	ND<2.5	trans-1,3-Dichloropropene	ND<2.5
Benzene	ND<2.5	Ethylene dibromide	ND<2.5
Bromobenzene	ND<2.5	Ethylbenzene	ND<2.5
Bromochloromethane	ND<2.5	Hexachlorobutadiene	ND<2.5
Bromodichloromethane	ND<2.5	Iodomethane	ND<2.5
Bromoform	ND<2.5	Isopropylbenzene	45
Bromomethane	ND<2.5	p-Isopropyl toluene	ND<2.5
n-Butyl benzene	10	Methyl butyl ketone [d]	ND<2.5
sec-Butyl benzene	14	Methylene Chloride[e]	ND<2.5
tert-Butyl benzene	ND<2.5	Methyl ethyl ketone [f]	ND<2.5
Carbon Disulfide	ND<2.5	Methyl isobutyl ketone [g]	ND<2.5
Carbon Tetrachloride	ND<2.5	Methyl tert-Butyl Ether (MTBE)	---
Chlorobenzene	ND<2.5	Naphthalene	ND<5
Chloroethane	ND<2.5	n-Propyl benzene	60
2-Chloroethyl Vinyl Ether[c]	ND<2.5	Styrene [i]	ND<2.5
Chloroform	ND<2.5	1,1,1,2-Tetrachloroethane	ND<2.5
Chloromethane	ND<2.5	1,1,2,2-Tetrachloroethane	ND<2.5
2-Chlorotoluene	ND<2.5	Tetrachloroethene	ND<2.5
4-Chlorotoluene	ND<2.5	Toluene [m]	ND<2.5
Dibromochloromethane	ND<2.5	1,2,3-Trichlorobenzene	ND<2.5
1,2-Dibromo-3-chloropropane	ND<2.5	1,2,4-Trichlorobenzene	ND<2.5
Dibromomethane	ND<2.5	1,1,1-Trichloroethane	ND<2.5
1,2-Dichlorobenzene	ND<2.5	1,1,2-Trichloroethane	ND<2.5
1,3-Dichlorobenzene	ND<2.5	Trichloroethene	ND<2.5
1,4-Dichlorobenzene	ND<2.5	Trichlorofluoromethane	ND<2.5
Dichlorodifluoromethane	ND<2.5	1,2,3-Trichloropropane	ND<2.5
1,1-Dichloroethane	ND<2.5	1,2,4-Trimethylbenzene	ND<2.5
1,2-Dichloroethane	ND<2.5	1,3,5-Trimethylbenzene	ND<2.5
1,1-Dichloroethene	ND<2.5	Vinyl Acetate [n]	26
cis-1,2-Dichloroethene	ND<2.5	Vinyl Chloride [o]	ND<2.5
trans-1,2-Dichloroethene	ND<2.5	Xylenes, total [p]	ND<2.5
1,2-Dichloropropane	ND<2.5	**Comments:** h,i	
1,3-Dichloropropane	ND<2.5	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND<2.5	Dibromofluoromethane	102
1,1-Dichloropropene	ND<2.5	Toluene-d8	110
cis-1,3-Dichloropropene	ND<2.5	4-Bromofluorobenzene	93

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

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Volatile Organics By GC/MS

EPA method 8260

Lab ID	15973		
Client ID	SB4W		
Matrix	W		
Compound	Concentration*	Compound	Concentration*
Acetone [b]	ND<5	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone [d]	ND
sec-Butyl benzene	ND	Methylene Chloride[e]	ND<5
tert-Butyl benzene	ND	Methyl ethyl ketone [f]	ND
Carbon Disulfide	ND	Methyl isobutyl ketone [g]	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	---
Chlorobenzene	ND	Naphthalene	ND
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether[c]	ND	Styrene [i]	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND<5
4-Chlorotoluene	ND	Toluene [m]	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate [n]	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride [o]	ND
trans-1,2-Dichloroethene	ND	Xylenes, total [p]	ND
1,2-Dichloropropane	ND	**Comments: i**	
1,3-Dichloropropane	ND	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND	Dibromofluoromethane	105
1,1-Dichloropropene	ND	Toluene-d8	105
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	92

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Basics Environmental	Client Project ID: Alameda	Date Sampled: 07/24/99
116 Gloreitta Boulevard		Date Received: 07/24/99
Orinda, CA 94563	Client Contact: Donavan Tom	Date Extracted: 07/26-08/02/99
	Client P.O:	Date Analyzed: 07/26-08/02/99

Volatile Organics By GC/MS

EPA method 8260

Lab ID	15974		
Client ID	SB6W		
Matrix	W		
Compound	Concentration*	Compound	Concentration*
Acetone [b]	ND<5	trans-1,3-Dichloropropene	ND
Benzene	ND	Ethylene dibromide	ND
Bromobenzene	ND	Ethylbenzene	ND
Bromochloromethane	ND	Hexachlorobutadiene	ND
Bromodichloromethane	ND	Iodomethane	ND
Bromoform	ND	Isopropylbenzene	ND
Bromomethane	ND	p-Isopropyl toluene	ND
n-Butyl benzene	ND	Methyl butyl ketone [d]	ND
sec-Butyl benzene	ND	Methylene Chloride[c]	ND<5
tert-Butyl benzene	ND	Methyl ethyl ketone [f]	ND
Carbon Disulfide	ND	Methyl isobutyl ketone [g]	ND
Carbon Tetrachloride	ND	Methyl tert-Butyl Ether (MTBE)	---
Chlorobenzene	ND	Naphthalene	ND
Chloroethane	ND	n-Propyl benzene	ND
2-Chloroethyl Vinyl Ether[c]	ND	Styrene [i]	ND
Chloroform	ND	1,1,1,2-Tetrachloroethane	ND
Chloromethane	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethene	ND<5
4-Chlorotoluene	ND	Toluene [m]	ND
Dibromochloromethane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromo-3-chloropropane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
Dichlorodifluoromethane	ND	1,2,3-Trichloropropane	ND
1,1-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,2-Dichloroethane	ND	1,3,5-Trimethylbenzene	ND
1,1-Dichloroethene	ND	Vinyl Acetate [n]	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride [o]	ND
trans-1,2-Dichloroethene	ND	Xylenes, total [p]	ND
1,2-Dichloropropane	ND	**Comments: i**	
1,3-Dichloropropane	ND	**Surrogate Recoveries (%)**	
2,2-Dichloropropane	ND	Dibromofluoromethane	112
1,1-Dichloropropene	ND	Toluene-d8	103
cis-1,3-Dichloropropene	ND	4-Bromofluorobenzene	97

*water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / SPLP extracts in ug/L

Reporting limits unless otherwise stated: water samples 1 ug/L; vapor samples 0.5 ug/L; solid and sludge samples 5 ug/kg; wipes 0.2ug/wipe

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) 2-propanone or dimethyl ketone; (c) (2-chloroethoxy) ethene; (d) 2-hexanone; (e) dichloromethane; (f) 2-butanone; (g) 4-methyl-2-pentanone or isopropylacetone; (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content; (k) ethenylbenzene; (l) methylbenzene; (m) acetic acid ethenyl ester; (n) chloroethene; (o) dimethylbenzenes.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/25/99-07/26/99 Matrix: WATER

Analyte	Concentration (ug/L) Sample (#15450)	MS	MSD	Amount Spiked	% Recovery MS	% Recovery MSD	RPD
TPH (gas)	0.0	107.4	105.4	100.0	107.4	105.4	1.9
Benzene	0.0	9.9	9.6	10.0	99.0	96.0	3.1
Toluene	0.0	10.1	9.8	10.0	101.0	98.0	3.0
Ethyl Benzene	0.0	10.3	10.0	10.0	103.0	100.0	3.0
Xylenes	0.0	30.8	30.1	30.0	102.7	100.3	2.3
TPH(diesel)	0.0	7717	7643	7500	103	102	1.0
TRPH (oil & grease)	0	21000	21400	23700	89	90	1.9

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
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QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/25/99-07/26/99 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#09617)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	2.162	2.172	2.03	107	107	0.5
Benzene	0.000	0.196	0.212	0.2	98	106	7.8
Toluene	0.000	0.204	0.220	0.2	102	110	7.5
Ethylbenzene	0.000	0.206	0.224	0.2	103	112	8.4
Xylenes	0.000	0.598	0.644	0.6	100	107	7.4
TPH(diesel)	0	318	319	300	106	106	0.3
TRPH (oil and grease)	0.0	21.0	21.4	20.8	101	103	1.9

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR VOCs (EPA 8240/8260)

Date: 07/25/99-07/26/99 Matrix: WATER

Analyte	Concentration (ug/kg,u Sample (#15328)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
1,1-Dichloroethe	0	116	117	100	116	117	0.9
Trichloroethene	0	92	93	100	92	93	1.1
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	102	105	100	102	105	2.9
Benzene	0	100	98	100	100	98	2.0
Toluene	0	104	108	100	104	108	3.8

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR VOCs (EPA 8240/8260)

Date: 07/25/99-07/26/99 Matrix: SOIL

Analyte	Concentration (ug/kg,u Sample (#09033)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
1,1-Dichloroethe	0	98	98	100	98	98	0.0
Trichloroethene	0	84	82	100	84	82	2.4
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	101	99	100	101	99	2.0
Benzene	0	105	100	100	105	100	4.9
Toluene	0	101	100	100	101	100	1.0

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Donavan Tom Bill To: Same
Company: Basics Environmental
Tele: 925 258 9099 Fax: 925 258 9098
Project #: Project Name:
Project Location: Alameda
Sampler Signature:

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other	BTEX & TPH as Gas (602/8020 + 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 (8260)	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other: HOLD	Comments
SB-6,5		72499	810	1			X								X								X								15958
SB-6,10		72499	820	1			X																							X	15959 H
SB-5,5		7/2499	900	1			X																							X	15960 H
SB-5,8'		72499	910	1			X								X								X								15961
SB-4,5'		72499	920	1			X																							X	15962 H
SB-4,8'		72499	935	1			X								X								X								15963
SB-3,5'		72499	1015	1			X																							X	15964 H
SB3,8'		72499	1020	1			X								X								X								15965
SB2,5		72499	1100	1			X																							X	15966 H
SB2,8		72499	1100	1			X								X								X								15967
SB1,5		72499	1150	1			X																							X	15968 H
SB1,8		72499	1155	1			X								X								X								15969
+10 SB1W		72499	—	4		X									X								X								15970
+5 SB2W		72499	—	4		X									X								X								
+10 SB3W		72499	—	4		X									X								X								15971
																															15972

Relinquished By:	Date:	Time:	Received By:
	72499	1615	Thu Le
	7/24/99	4:30pm	Manuel Mendoza

Remarks:
ICE/t® ____
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
PRESERVATION ✓ APPROPRIATE
CONTAINERS ____

VOAS | O&G | METALS | OTHER

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Donavan Tom Bill To: Same

Company: Basics Environmental

Tele: (925) 258 9099 Fax: (925) 258 9098

Project #: Project Name:

Project Location: Alameda

Sampler Signature:

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SB4W		7/24/99	—	4		X								
SB6W		7/24/99	—	4		X								

Analysis Request	SB4W	SB6W
BTEX & TPH as Gas (602/8020 + 8015)/ MTBE	X	X
TPH as Diesel (8015)		
Total Petroleum Oil & Grease (5520 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
EPA 601 / 8010		
BTEX ONLY (EPA 602 / 8020)		
EPA 608 / 8080		
EPA 608 / 8080 PCB's ONLY		
EPA 624 / 8240 (8260)	X	X
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/7421/239.2/6010)		
RCI		

Other:

Comments: 15973 15974

Relinquished By:	Date:	Time:	Received By:
	7/24/99	1615	Thule 07/24/99
Relinquished By:	Date: 7/24/99	Time: 4:30 pm	Received By: Manuel Mendoza
Relinquished By:	Date:	Time:	Received By:

Remarks:

ICE/t® _____ VOAS | O&G | METALS | OTHER
GOOD CONDITION ✓ PRESERVATION ✓
HEAD SPACE ABSENT ✓ APPROPRIATE
CONTAINERS _____

Geomatrix

ATTACHMENT D

Site Assessment Report (May 1, 2000)
Prepared by Toxichem

TOXICHEM
Management
Systems, Inc.
Environmental & Occupational Health Services
1562 44th Avenue
San Francisco, California 94122
(415) 681-8816 / Fax (415) 681-8132

May 1, 2000
Project EQ-36.1A

Ms. Karen Petryna, P.E.
Equiva Services LLC
P. O. Box 7869
Burbank, California 91510-7869

Re: **Site Assessment Report**
Former Shell Service Station
2301-2307 Lincoln Avenue, Alameda, California

Dear Ms. Petryna:

On behalf of Equiva Services LLC (Equiva), Toxichem Management Systems, Inc. (TOXICHEM) has prepared this report to document the findings of site assessment activities recently performed at the above referenced site (Figures 1 and 2). The purpose of the investigation was to assess the source of petroleum hydrocarbons that were detected in the soil and groundwater beneath the site in July 1999. The current investigation consisted of reviewing available site-related investigative documents, aerial photographs, Alameda County Assessor's Office (ACAO) records, Alameda County Health Care Services Agency (ACHCSA) files, City of Alameda Fire Department (AFD) files, and Sanborn Maps. Included in this letter is a discussion of the site description and background, findings, and conclusions and recommendations.

Vista Environmental Information, Inc. was contracted to provide a *Site Assessment Plus* (SAP) Report, which identifies potential sources of environmental impact in the vicinity of the site, and Sanborn Maps. Copies of these documents are presented as Attachment A. The SAP Report identified 36 properties with environmental concerns within a ¼-mile radius of the site, of which 24 properties are listed on a *Leaking Underground Storage Tank* (LUST) list. The SAP Report also identified 18 additional properties with environmental concerns that are located between a ¼ and ½-mile radius of the site, all of which are listed on a LUST list.

In accordance with Section 25297.15(a) of Chapter 6.7 of the State of California Health and Safety Code, Equiva has notified the current record owner of fee title, Allan and Beverly Sebanc, of this work.

SITE DESCRIPTION AND BACKGROUND

The site is located at 2301-2307 Lincoln Avenue in a predominantly mixed commercial and residential area of Alameda, California.

Historical information indicates that three residential dwellings occupied the site as early as 1897. In 1926, the 2301 Lincoln Avenue property was developed as a gasoline station. It's believed that the remainder of the site was occupied by two residential dwellings until the 1980's. In 1970, Shell replaced the underground storage tanks (USTs). In 1982, the gasoline service station was closed and one 8,000-gallon capacity, two 2,000-gallon capacity, and one 1,000-gallon capacity USTs were removed. During the 1980's, the site was redeveloped as a retail center. The site is currently occupied by a retail center.

Previous Investigations

In July 1999, six soil borings (SB-1 through SB-6) were drilled to assess the potential subsurface environmental impacts from past gasoline service and automotive maintenance activities at the site. Soil samples were collected from each boring at 5 or 7.5 feet below ground surface (bgs). The soil samples were analyzed for total purgeable petroleum hydrocarbons (TPPH) by EPA Method 8015 (modified), and benzene, toluene, ethylbenzene, xylenes (BTEX compounds) and methyl-tertiary-butyl ether (MtBE) by EPA Method 8020. TPPH and ethylbenzene were detected in only one soil sample (Boring SB-3 at 7.5 feet bgs), at concentrations of 40 and 0.012 milligrams per kilogram (mg/kg), respectively. Benzene, toluene, xylenes, and MtBE were not detected in any soil sample. Grab groundwater samples were also collected from each boring, and were analyzed for TPPH, BTEX compounds, MtBE, and volatile organic compounds (VOCs) by EPA Method 8260. TPPH was detected in two groundwater samples, at 4,500 micrograms per liter (µg/L) in Boring SB-3 and 160 µg/L in Boring SB-6. Toluene, ethylbenzene, and xylenes were detected in groundwater only from Boring SB-3, at concentrations of 4.4, 2.7, and 4.0 µg/L, respectively. Benzene and MtBE were not detected in any groundwater sample. The following VOCs were detected in Boring SB-3: n-butyl benzene at 10 µg/L, sec-butyl benzene at 14 µg/L, isopropyl benzene at 45 µg/L, n-propyl benzene at 60 µg/L, and vinyl acetate at 26 µg/L; and in Boring SB-6: n-butyl benzene at 160 µg/L. No other VOCs were detected in the groundwater samples.

FINDINGS

Task 1 – Review Available Site-Related Investigative Documents

TOXICHEM obtained and reviewed the report titled *Limited Phase II Environmental Site Investigation* that was prepared by Basics Environmental on August 12, 1999. That report is summarized in the preceding section.

Task 2 – Review Available Aerial Photographs

TOXICHEM contracted with Pacific Aerial Surveys to review available historical aerial photographs of the site. A total of five photographs were reviewed from the years: 1950, 1959, 1969, 1981, and 1990. A summary of observations for each photograph follows.

Photograph AV28-15-27, April 14, 1950

Four buildings can be observed at the site, but their use cannot be determined. The surrounding area is completely developed and is a mixture of residential and commercial properties. A gasoline station appears to be operating at the intersection of Park Street and Lincoln Avenue.

Photograph AV337-06-35, July 3, 1959

The site appears to be occupied by a gasoline station. A single building is located in the center of the site. What appears to be a canopy extends from the station building southwesterly towards Lincoln Avenue. What appears to be an UST complex can be seen in the southeastern corner of the site. Automobile parking can be observed along the northeasterly and southeasterly property boundaries. The surrounding area is completely developed and is a mixture of residential and commercial properties. New additional commercial properties can be observed to the south and southwest of the site. A gasoline station appears to be operating at the intersection of Park and Lincoln.

Photograph AV902-05-20, May 2, 1969

The observations are the generally the same as the previous photograph, except that a gasoline station appears to be occupying the northeastern corner of the intersection of Lincoln Avenue and Oak Street. Fewer residential homes and additional commercial properties can be observed in the area surrounding the site.

Photograph AV2040-05-19, June 22, 1981

The observations are the generally the same as the previous photograph.

Photograph AV3845-9-33, June 12, 1990

The site appears to be occupied by a strip mall. The surrounding area is completely developed and is a mixture of residential and commercial properties. A gasoline station appears to be occupying the northwestern corner of the intersection of Lincoln Avenue and Oak Street (the site is located on the northeastern corner of the same intersection).

Task 3 – Review ACAO Records

The Alameda County Assessor's Number for the site is 71-201-12-1. The following list summarizes ownership of the site.

Summary of Site Ownership

Grantee (Buyer)	Grantor (Seller)	Date Recorded
Allan and Beverly Sebanc	C&H Development	12/22/98
C&H Development	Shell Oil Company	7/6/82
Shell Oil Company	General Electric Pension	4/26/79
General Electric Pension	Unknown	Unknown

Task 4 – Review ACHCSA Files

TOXICHEM reviewed AHCSA files for the following available sites, and a summary of the findings follows.

Alameda City Unified School District, 2200 Central Avenue, Alameda

In December 1991, two heating oil USTs (one 4,000-gallon and one 2,000-gallon) were removed from the property. TEPH and BTEX compounds were not detected in the soil, however, 0.6 µg/L of toluene, 1.2 µg/L of ethylbenzene, and 1.8 µg/L of xylenes were detected in groundwater from the UST excavation. In June 1992, three groundwater monitoring wells (MW-1 through MW-3) were installed at the property. The analysis of the soil samples collected during the installation of these wells did not identify any contaminants above detection limits. Groundwater samples were collected form these wells for four consecutive quarters, and no contaminants were ever detected over detection limits except for in the first quarter at 170 µg/L TEPH. On July 2, 1993, the ACHCSA recommended case closure, which was approved by the California Regional Water Quality Control Board on August 11, 1993. The groundwater monitoring wells were subsequently destroyed on August 13, 1993.

Stahl Woodridge, 2428 Central Avenue, Alameda

The property is a former Chevron station. A *Risk Management Plan* recommending case closure was filed on April 19, 1999, and is currently pending review.

Celia Harris Trust, 2521 Central Avenue, Alameda

On April 29, 1993, a 1,500-gallon heating oil UST was removed from the property, which is an apartment complex. Two soil samples and one groundwater sample were collected from the excavation, and analyzed for TEPH and BTEX compounds. No contaminants were detected in the soil samples, however, 1,300 µg/L TEPH, 0.7 µg/L toluene, 0.4 µg/L ethylbenzene, and 2 µg/L xylenes were detected in the groundwater sample. As it appeared that source removal was conducted at the property to the extent feasible the ACHCSA recommended case closure, which the RWQCB approved on June 26, 1993.

Clement Avenue Project, 2241 Clement Avenue, Alameda

In a letter dated December 21, 1995, the ACHCSA denied a request for closure pending submittal of additional information, including determination of the groundwater gradient.

Vacant Building, 1347 Park Street, Alameda

In November 1995, a 1,500-gallon heating oil UST was removed from the property. Elevated concentrations of diesel range hydrocarbons were detected. The excavation was subsequently over-excavated and resampled. Elevated diesel range hydrocarbons were detected following over-excavation. In September 1989, three borings (IB-1 through IB-3) were hand augered and elevated petroleum hydrocarbon concentrations were detected in the soil and groundwater samples collected. TEPH was detected in the soil and groundwater at maximum concentrations of 4,900 mg/kg and 730 µg/L, respectively. On February 7, 2000, the ACHCSA approved a work plan for installation of additional groundwater monitoring wells. The report of that work was not in ACHCSA files.

Former BP, 1541 Park Street, Alameda

Four USTs (one 5,000-gallon gasoline, one 6,000-gallon gasoline, one 8,000-gallon gasoline, and one 250-gallon waste oil) were removed in September 1987, and soil and groundwater contamination was encountered. Three groundwater monitoring wells (MW-1 through MW-3) were installed in March 1988, and three additional wells (MW-4 through MW-6) were installed in March 1989. Site remediation consisting of extracting groundwater from Well RW-1 was performed between September 1992 and October 1994. The system was shutdown because MtBE concentrations saturated the system. Groundwater flow is easterly at an approximate gradient of 0.007. Groundwater monitoring and sampling continues at the property.

Good Chevrolet, 1630 Park Street, Alameda

In January 2000, a *Revised Passive Remedial Action Work Plan*, which proposed the injection of oxygen release compounds in 25 to 30 locations, was approved by the ACHCSA. Implementation of this work plan was not documented in ACHCSA files.

Cavanaugh Motors, Inc., 1700 Park Street, Alameda

In December 1989 and August 1990, one gasoline UST and one waste oil UST were removed from the property. In April 1990 and January 1991, accessible impacted soils were excavated. Approximately 120 cubic yards of soil was removed. Six groundwater monitoring wells (MW-1 through MW-6) and four soil vapor extraction (SVE) wells (VW-1 through VW-4) were subsequently installed. Depth to groundwater ranged from 5.13 to 8.96 feet bgs. The groundwater flow direction was measured to be north-northwest at an average gradient of 0.008. A SVE system operated at the site between 1993 and 1994 until the extracted soil vapor concentrations declined and stabilized at approximately 40 parts per million. Approximately 1,000 pounds of hydrocarbons were removed by the SVE system during operation. On August 22, 1996, the ACHCSA closed the environmental case.

Ztra Oil, 1701 Park Street, Alameda

In April 1994, four 10,000-gallon USTs (3 gasoline and 1 diesel) and one 110-gallon fuel oil UST were removed from the property. Soil and groundwater contamination was encountered. Soil types encountered at the property consist of sand, silt, and clay. Four groundwater monitoring wells (MW-1 through MW-4) have been installed to a depth ranging from 15 to 20 feet bgs. Depth to groundwater ranges from approximately 11 to 14 feet bgs, and groundwater flows from the northwest to east. Separate phase hydrocarbons (SPH) has been detected at the property. A utility survey identified a 10-inch diameter sanitary sewer along the centerline of Park Street at a depth of approximately 11 feet bgs and a 6-inch diameter sanitary sewer along the centerline of Buena Vista Avenue and Eagle Avenue.

In December 1999, a *Corrective Action Plan* (CAP), which proposed air sparging and vapor extraction with thermal treatment, was approved by the ACHCSA. Implementation of this CAP was not documented in the files.

Ron Goode Toyota, Inc., 1825 Park Street, Alameda

Two USTs (one 500-gallon gasoline and one 300-gallon waste oil) were removed from the property in December 1990. Four groundwater monitoring wells (MW-1 through MW-4) were installed at the property. Groundwater elevation ranged from 2.16 to 4.72 feet bgs, and the

groundwater flow direction was north-northwesterly to north-northeasterly. On January 10, 1977, ACHCSA closed the environmental case.

Alameda Collision Repair, 1911 Park Street, Alameda

Two USTs (one 750-gallon gasoline and one 200-gallon) were removed from the property in June 1988. Soil samples from the excavation did not detect TPPH. Water samples collected from the excavation detected 1,700 µg/L TPPH and concentrations of BTEX compounds up to 4.3 µg/L, 300 µg/L, 500 µg/L, and less than 100 µg/L, respectively. One groundwater monitoring well (MW-1) was installed in December 1992. The depth to groundwater was measured at approximately 4 to 5 feet bgs over four quarters. On June 2, 1994, the ACHCSA closed the environmental case.

Fowler Anderson Mortuary, 2244 Santa Clara Avenue, Alameda

Three USTs (one 50-gallon fuel oil, one 250-gallon fuel oil, and one 50-gallon hydraulic oil) were removed in January 1991. TPPH was detected beneath the hydraulic oil UST at a concentration of 1,400 mg/kg. Impacted soil was excavated to non-detectable concentrations. Three groundwater monitoring wells (MW-1 through MW-3) were installed in February 1991 and sampled for four quarters. Depth to groundwater was approximately 8 to 9 feet bgs and the groundwater flow direction was northeasterly. The analytical results for all four sampling events indicated there were no detectable concentrations of TPPH or BTEX compounds present. The environmental case is closed according to ACHCSA records, but no closure documents were on-file.

City of Alameda, 2263 Santa Clara Avenue, Alameda

Three USTs (one 1,500-gallon gasoline, one 1,000-gallon gasoline, and one 280-gallon heating oil) were removed from the property in June 1994. Three groundwater monitoring wells (MW-1 through MW-3) were installed at the site. The historical range of groundwater elevation ranged from 8.15 to 10.33 feet bgs, and the direction of groundwater flow varied from northeast to southeast. On June 18, 1996, the ACHCSA closed the environmental case.

Former Shell, 2300 Santa Clara Avenue, Alameda

The property is a former Shell that ceased operation approximately 50 years ago and is currently a parking lot for a Longs Drug Store. In January 1998, seven soil borings (GP-A through GP-H) were drilled at the property. The site subsurface consisted of fine sands with silt of moderate to high estimated permeability to the total explored depth of 13 feet bgs. Groundwater was encountered at approximately 8.5 feet bgs. Selected soil samples were analyzed for lead, TPPH, TEPH, BTEX compounds, MtBE, and VOCs. Only TEPH at a maximum concentration of 6.9 mg/kg was detected. Lead and TEPH were detected in groundwater in most of the borings, at maximum concentrations of 400 and 1,500 µg/L, respectively. Toluene and acetone were also detected at concentrations of 0.58 and 56 µg/L, respectively. No MtBE, benzene, ethylbenzene, xylenes, or other VOCs were detected. Given the period of operation for the former Shell station and its proximity to the adjacent Bill Chun's Texaco station, Cambria Environmental Technology, Inc. concluded that the former Shell station is not the source of hydrocarbons detected in Well MW-8 at this property.

Bill Chun's Texaco, 2301 Santa Clara Avenue, Alameda

In July 1992, three USTs (two 550-gallon and one 285-gallon) were removed from the property. During removal, it was discovered that the 285-gallon UST had leaked. Several assessments have been completed to determine the extent of petroleum hydrocarbon-impacted soil and groundwater at the property. Six groundwater monitoring wells were installed in 1993; three wells (MW-1 through MW-3) in January, and three wells (MW-4 through MW-6) in September. Four additional monitoring wells (MW-8 through MW-11) were installed in November 1995. As of the *Second Quarter 1998 Groundwater Monitoring Report* (ENSR, June 30, 1998), SPH had been detected at the property since November 1993. Groundwater at the property is generally encountered between 8 and 10 feet bgs and generally flows in a north to northeasterly direction with occasional flow variation to the northwest. The gradient is flat and generally ranges from 0.002 to 0.005. A *Remedial Action Plan* (GeoSolv, LLC, January 24, 2000) has been submitted to ACHCSA and is awaiting approval.

Task 5 – Review AFD Files

TOXICHEM reviewed AFD files for the following available sites, and a summary of findings follows.

Automotive Auto, 2425 Central Avenue, Alameda

This property was a former Union 76 gasoline station where three USTs were discovered in during an AFD inspection. The USTs were removed in October 1987. There was no analytical data in AFD files. No other records were in AFD files.

Former Metal Fabricator, 2235 Clement Avenue, Alameda

One 550-gallon leaded gasoline was removed in May 1989 and soil contamination was found. ACHCSA requested additional investigation, however, no other records were in AFD files.

Union Oil, 2267 Lincoln Avenue, Alameda

Two 10,000-gallon gasoline and one 520-gallon waste oil UST were removed in July 1998. No other records were in AFD files.

Alameda Auto Enhancers, 2327 Lincoln Avenue, Alameda

In January 1990, an AFD inspection discovered contaminated soil surrounding a steam cleaning and undercoating pad, oily water runoff from a hydraulic lift pad area, and other violations. In July 1990, ACHCSA requested removal of the contaminated soil. No other records were in AFD files.

Alameda Police Department, 1555 Oak Street, Alameda

There were only AFD inspection records in the AFD files; no UST records were in the AFD files.

Winner Ford, 1650 Park Street, Alameda

One 550-gallon gasoline UST was removed in November 1994 and one 250-gallon waste oil UST was removed in August 1985. Soil contamination was discovered. No other records were in AFD files.

Former ARCO, 1725 Park Street, Alameda

In November 1985, four USTs (one 8,000-gallon, two 5,000-gallon, and one 10,000-gallon) were removed. In August 1992, ACHCSA requested additional investigation. In September 1992, a work plan for groundwater extraction, soil vapor extraction, and air sparging was submitted. No other records were in AFD files.

John Henry Estate/Alameda Foreign Auto, 1726 Park Street, Alameda

This property is a former Texaco service station. All USTs were removed from the property in the 1970's and 1980's. In August 1991, soil contamination was encountered. In December 1995, the hydraulic lifts were removed and additional soil contamination was encountered. No other records were in AFD files.

Former Arco/Chevron, 1800 Park Street, Alameda

A *Notice of Citation Hearing* dated August 19, 1991 is on file for improperly abandoning an UST. In January 1992, two 7,500-gallon gasoline and one 1,000-gallon waste oil UST were removed. Soil and groundwater samples were collected, but no analytical data was in AFD files. No other records were in AFD files.

Goodman Property, 2501 Santa Clara Avenue, Alameda

This property is a former Shell. In August 1992, one 6,000-gallon gasoline UST, two 5,000-gallon gasoline UST, and one 280-gallon waste oil UST were removed. Soil and groundwater contamination was encountered at the property. No other records were in AFD files.

TOXICHEM also obtained a copy of the City of Alameda Fire Department's master UST list for all properties located in the City of Alameda. According to this list, there are approximately 50 former or existing USTs within an approximate 500-foot radius of the site. This radius is defined as the street addresses: 2235 through 2408 Lincoln Avenue, 1512 through 1721 Park Street, 2235 through 2325 Pacific Avenue, 1510 through 1630 Park Street, and 2241 through 2300 Santa Clara Avenue.

Task 6 – Review Sanborn Maps

Sanborn maps for the years 1948, 1950, 1987, and 1997 were reviewed. A gasoline service station is identified at the site in the 1948 and 1950 maps. Gasoline service stations are identified at 2332 Lincoln Avenue and 2301 Santa Clara Avenue on the maps from 1948 through 1987.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this investigation, TOXICHEM concludes that:

- TPPH was detected at a maximum concentration of 40 mg/kg TPPH in only Boring SB-3, which is located at the extreme southwest corner of the site, adjacent to the Lincoln Avenue and Oak Street intersection. Benzene and MtBE were not detected in any soil samples collected at the site.
- TPPH was detected at concentrations of 4,500 and 160 µg/L in Borings SPB-3 and SB-6, respectively. Boring SB-6 is located in the southwest center of the site. Benzene and MtBE were not detected in any groundwater samples

collected at the site, though benzene isomers and vinyl acetate were detected in Boring SB-3 and/or SB-6.

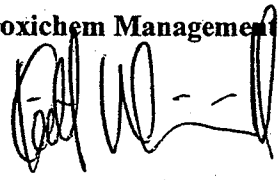
- The distribution of soil and groundwater impact detected at the site is not representative of an on-site release based on the locations of the former USTs and dispensers.
- Multiple sources of petroleum hydrocarbon-impacted groundwater exist within a ¼-mile radius of the site, as documented by aerial photographs, ACHCSA and AFD files, and Sanborn Maps. At least six of these sources are located within 500 feet of the site, including the former Union 76 station and Alameda Fire Department sites that are located directly across the Oak Street and Lincoln Avenue intersection to the northwest and southwest, respectively.
- Utilities are known to exist in Lincoln Avenue and Oak Street, and at a depth below grade that is within the range of groundwater elevation. This suggests that existing utilities could serve as preferential flow pathways for petroleum hydrocarbon-impacted groundwater from off-site sources.
- The direction of groundwater flow recorded at surrounding properties ranges from northwesterly to southeasterly. The direction of groundwater flow supports the conclusion that the distribution of petroleum hydrocarbons detected at the site is not representative of an on-site release.
- Boring SB-3 was located upgradient of the location of the former USTs at the site, downgradient of the former Union 76 service station and Alameda Police Department LUST sites, and adjacent to existing utilities in Oak Street and Lincoln Avenue.

Based on these conclusions, TOXICHEM recommends no further environmental investigation at the site because the petroleum hydrocarbons detected during the July 1999 investigation result from an off-site source or sources. Furthermore, TOXICHEM recommends that an unauthorized release form not be completed or reported to the ACHCSA because the evidence does not support that an unauthorized release has occurred at the site.

If you have any questions regarding this report, please contact me at your convenience at (415) 681-8816.

Sincerely,

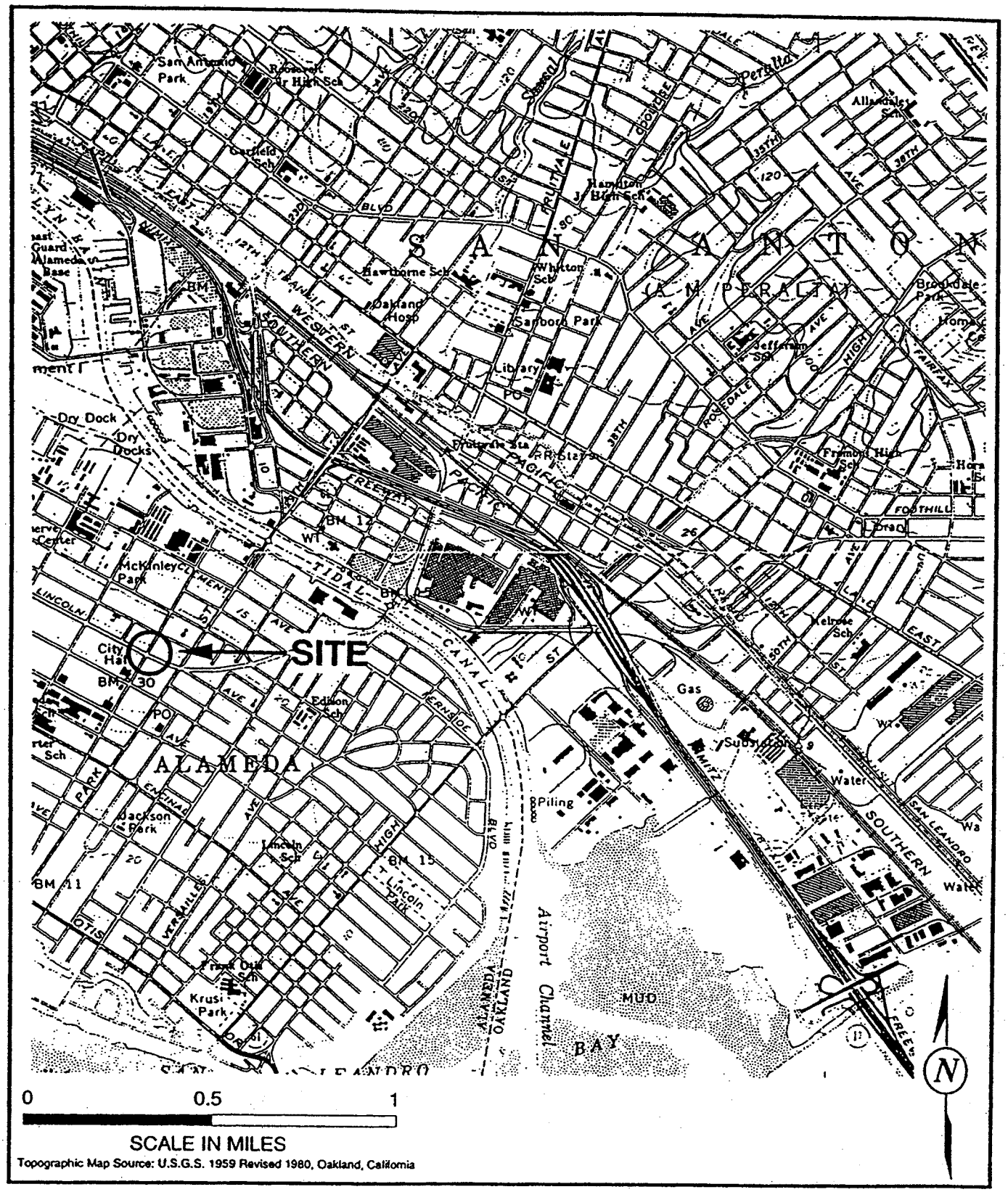
Toxichem Management Systems, Inc.



Keith Winemiller, P.E.
Senior Engineer

Attachments: Figure 1 - Site Location Map
Figure 2 - Site Map
Attachment A - Vista Environmental Information, Inc. Documents

cc: Mr. Allan Seabanc, 10 Stacey Court, Hillsborough, CA 94010



Topographic Map Source: U.S.G.S. 1959 Revised 1980, Oakland, California

Site Location

basics ENVIRONMENTAL

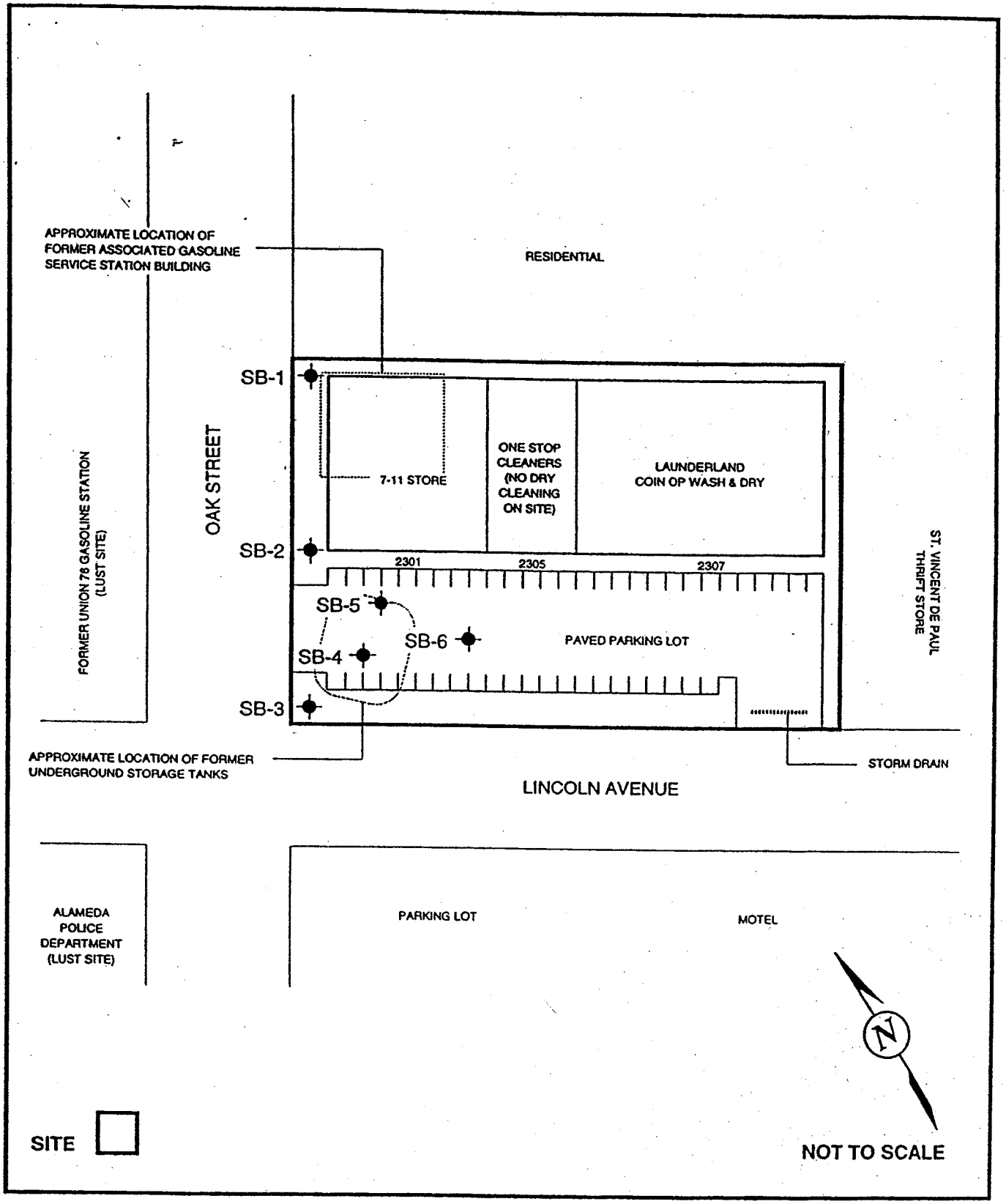
Limited Phase II Environmental Site Investigation
2301-2307 Lincoln Avenue
Alameda, California

PROJECT NO.
99-ENV168A

DRAWING NO.
1

PREPARED BY DGT REVIEWED BY DATE 8/10/99

TBLCK (5/2002)



Soil Test Boring Locations

basics ENVIRONMENTAL

Limited Phase II Environmental Site Investigation
2301-2307 Lincoln Avenue
Alameda, California

PROJECT NO.
99-ENV168A

DRAWING NO.
2

DATE 8/10/99
REVIEWED BY
PREPARED BY DGT
TBLCK (5/28/02)

ATTACHMENT A

VISTA ENVIRONMENTAL INFORMATION, INC. DOCUMENTS

SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: 2301-2307 Linco Former Shell Service Station 2301 Lincoln Avenue Alameda, CA 94501 Cross Street: Oak Street Latitude/Longitude: (37.766923, 122.241122)	Keith Winemiller Toxichem Management Systems, I 1562 44th Avenue San Francisco, CA 94122

Site Distribution Summary Agency / Database - Type of Records			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
A) Databases searched to 1 mile:						
US EPA	NPL	National Priority List	0	0	0	0
US EPA	CORRACTS	RCRA Corrective Actions	0	0	0	1
STATE	SPL	State equivalent priority list	0	0	0	0
B) Databases searched to 1/2 mile:						
STATE	SCL	State equivalent CERCLIS list	0	0	0	-
US EPA	CERCLIS / NFRAP	Sites currently or formerly under review by US EPA	0	0	0	-
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	-
STATE REG CO	LUST	Leaking Underground Storage Tanks	14	11	19	-
STATE/ REG/CO	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
STATE	DEED RSTR	Sites with deed restrictions	0	0	0	-
REGIONAL	NORTH BAY	Sites on North Bay Toxic List	1	0	3	-
REGIONAL	SOUTH BAY	Sites on South Bay Toxic List	0	0	0	-
STATE	CORTESE	State Index of properties with hazardous waste	7	2	6	-
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	-
USGS/STATE	WATER WELLS	Federal and State Drinking Water Sources	0	0	0	-

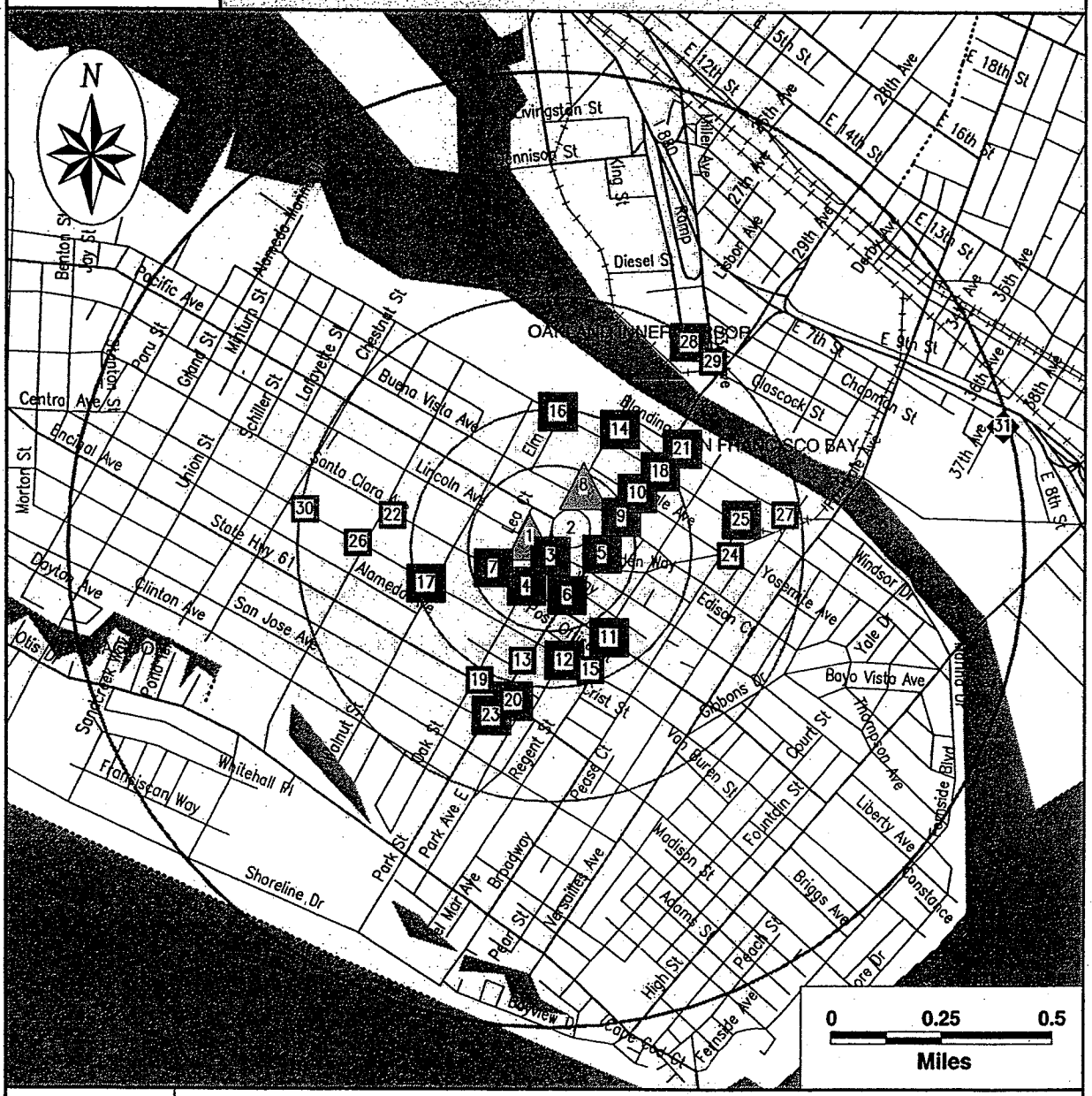
Site Distribution Summary Agency / Database - Type of Records			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
C) Databases searched to 1/4 mile:						
US EPA	RCRA Viol	RCRA violations/enforcement actions	0	1	-	-
US EPA	TRIS	Toxic Release Inventory database	1	0	-	-
STATE	UST/AST	Registered underground or aboveground storage tanks	23	14	-	-
D) Databases searched to 1/8 mile:						
US EPA	ERNS	Emergency Response Notification System of spills	2	-	-	-
US EPA	GNRTR	RCRA registered small or large generators of hazardous waste	8	-	-	-

This report meets the ASTM standard E-1527 for standard federal and state government database research in a Phase I environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.

NOTES

SITE ASSESSMENT PLUS REPORT

Map of Sites within One Mile



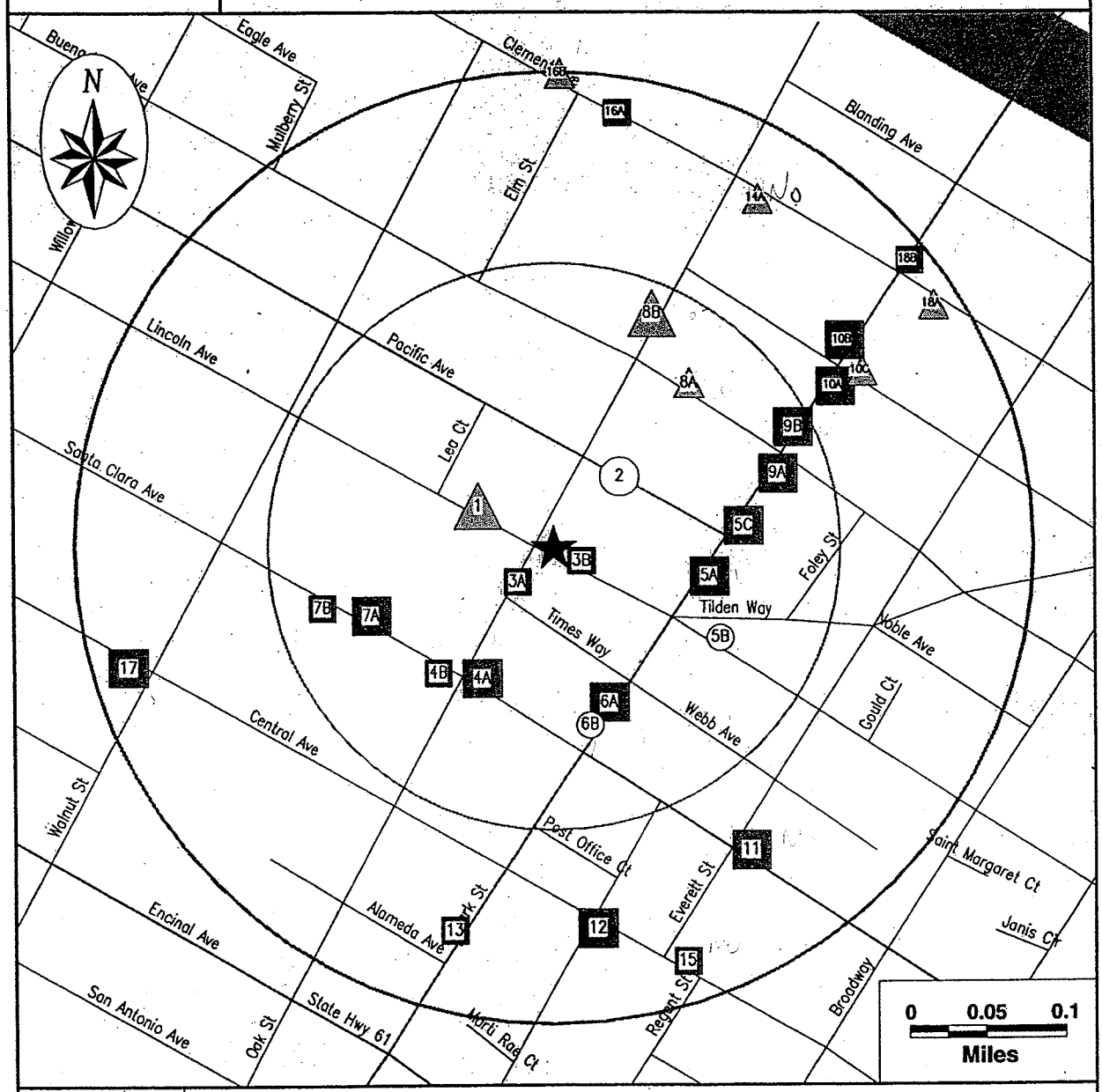
Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
		NPL, SPL, CORRACTS (TSD)	CERCLIS\ NFRAP, TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS

Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

SITE ASSESSMENT PLUS REPORT

Map of Sites within Quarter Mile



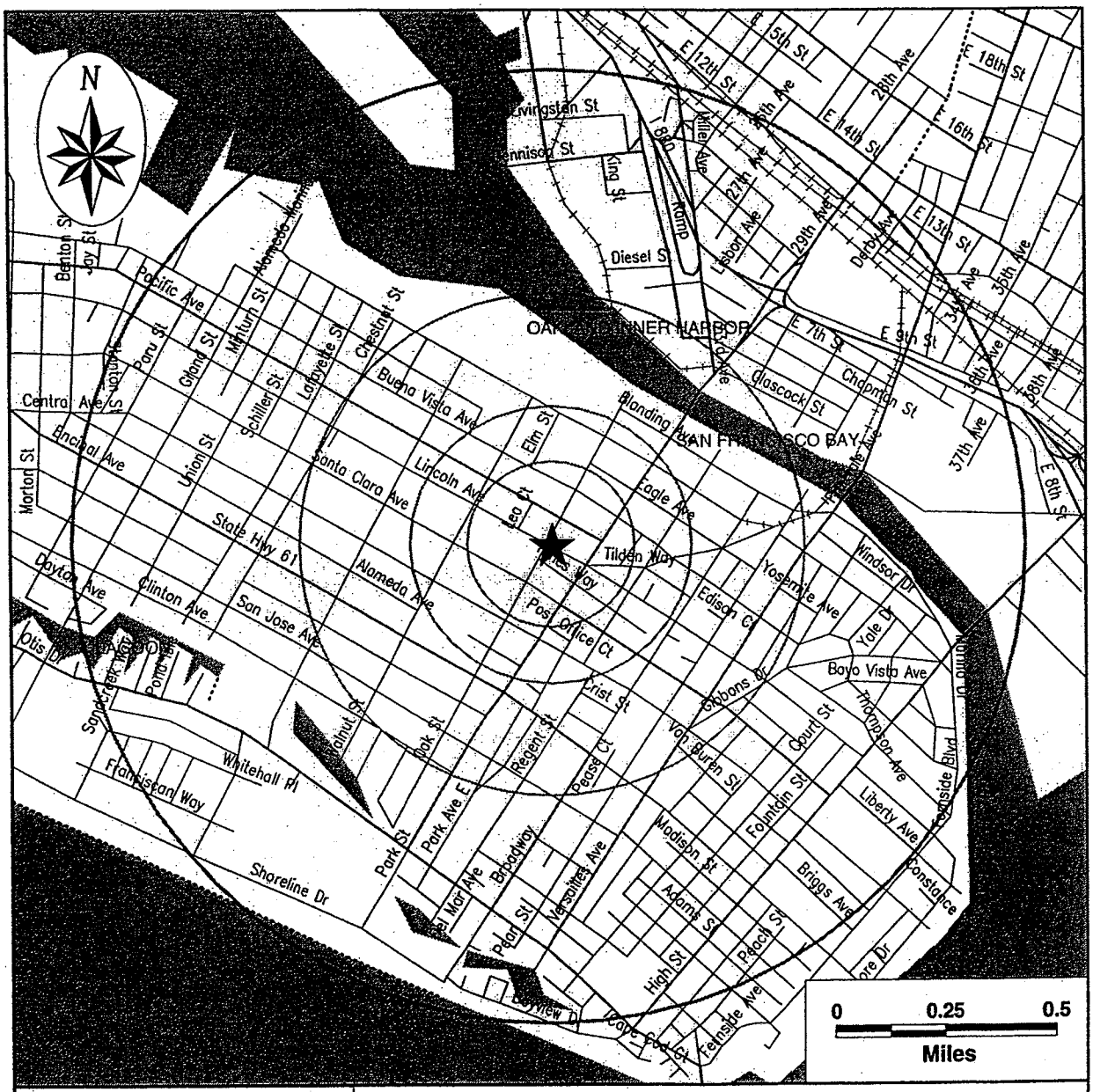
	Category:	A	B	C	D
Subject Site ★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	▲	○
	Multiple Sites	◆	■	▲	○
		NPL, SPL, CORRACTS (TSD)	CERCLIS\ NFRAP, TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS

Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

SITE ASSESSMENT PLUS REPORT

Street Map



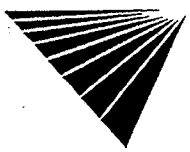
SITE ASSESSMENT PLUS REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID / DISTANCE / DIRECTION	A			B														C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
1	LINCOLN-OAKS UNION #5394 2267 LINCOLN AVE ALAMEDA, CA 94501	8581869 0.00 MI NA																	X		
1	UNION OIL SS #5394 2267 LINCOLN ALAMEDA, CA 94501	1255000 0.00 MI NA																	X		
2	ROY L BURGE INC 2310 PACIFIC AVE ALAMEDA, CA 94501	362149 0.00 MI NA																			X
2	GOOD CHEVROLET 2329 PACIFIC AVE ALAMEDA, CA 94501	4866779 0.01 MI NE																			X
3A	ALAMEDA POLICE DEPARTMENT 1555 OAK ALAMEDA, CA 94501	929696 0.00 MI NA							X					X					X		
3B	ALAMEDA AUTO ENHANCERS 2327 LINCOLN AVE ALAMEDA, CA 94501	1594302 0.00 MI NA							X			X									
4A	BILL CHUN'S TEXACO SERVICE 2301 SANTA CLARA AVE ALAMEDA, CA 94501	1223579 0.04 MI SW																	X		
4A	BILL CHUN'S SERVICE 2301 SANTA CLARA ALAMEDA, CA 94501	3781480 0.04 MI SW							X					X					X		
4B	SHELL 2300 SANTA CLARA AVE ALAMEDA, CA 94501	12640155 0.05 MI SW							X												
5A	GOOD CHEVROLET 1630 PARK ALAMEDA, CA 94501	1590942 0.04 MI E																	X		
5A	GOOD CHEVROLET 1630 PARK ALAMEDA, CA 94501	7429364 0.04 MI E												X							
5A	GOOD CHEVROLET 1630 PARK ST ALAMEDA, CA 94501	174748 0.04 MI E							X										X		
5B	OIL CHANGERS 2425 LINCOLN AVE ALAMEDA, CA 94501	307503 0.06 MI SE																		X	

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID / DISTANCE / DIRECTION	A			B													C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
5C	WINNER FORD 1650 PARK ST ALAMEDA, CA 94501	278169 0.06 MI E							X										X		X
5C	WINNER FORD 1650 PARK ALAMEDA, CA 94501	7429366 0.06 MI E												X							
5C	WINNER FORD 1650 PARK ALAMEDA, CA 94501	4013342 0.06 MI E																	X		
6A	TOSCO NORTHWEST CO NO 11266 1541 PARK ST ALAMEDA, CA 94501	5521403 0.05 MI SE																			X
6A	BP OIL CO FACILITY #11266 1541 PARK ALAMEDA, CA 94501	4013305 0.05 MI SE																	X		
6A	BP 1541 PARK ALAMEDA, CA 94501	7429352 0.05 MI SE												X							
6A	BP OIL CO FACILITY #11266 1541 PARK ST ALAMEDA, CA 94501	1595478 0.05 MI SE							X										X		
6A	OWNER/OPERATOR 1522 PARK ST ALAMEDA, CA 94501	8590395 0.06 MI SE																	X		
6B	ACTION DESIGN 1511 PARK ST ALAMEDA, CA 94501	3201124 0.06 MI S																			X
7A	PUBLIC WORKS DEPARTMENT 2263 SANTA CLARA ALAMEDA, CA 94501	1259127 0.07 MI W																	X		
7A	CITY OF ALAMEDA 2263 SANTA CLARA AVE ALAMEDA, CA 94501	6605317 0.07 MI W							X												
7B	FOWLER ANDERSON MORTUARY 2244 SANTA CLARA ST ALAMEDA, CA 94501	1596248 0.10 MI W							X												
8A	RESIDENCE 2329 BUENA VISTA ALAMEDA, CA 94501	8571733 0.08 MI NE																	X		
8B	WINNER FORD INC 1835 OAK ST ALAMEDA, CA 94501	5209723 0.10 MI NE																			X
8B	SKS DIE CASTING INC. 1849 OAK ST. ALAMEDA, CA 94501	4244392 0.11 MI NE																X			X

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID / DISTANCE / DIRECTION	A			B												C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
8B	ALAMEDA PLANT 1849 OAK ALAMEDA, CA 94501	1262173 0.11 MI NE																	X		
9A	CAVANAUGH MOTORS, INC. 1700 PARK ST ALAMEDA, CA 94501	73893 0.09 MI E							X										X		
9A	CAVANAUGH MOTORS, INC. 1700 PARK ALAMEDA, CA 94501	4013353 0.09 MI E																	X		
9A	CAVANAUGH MOTORS CHRYSLER PLYM 1700 PARK ST ALAMEDA, CA 94501	1278146 0.09 MI E																			X
9B	XTRA OIL CO. DBA SHELL OIL 1701 PARK ST ALAMEDA, CA 94501	4558636 0.11 MI E																	X		
9B	XTRA OIL COMPANY 1701 PARK ALAMEDA, CA 94501	7429374 0.11 MI E												X							
9B	XTRA OIL CO DBA SHELL OIL 1701 PARK ALAMEDA, CA 94501	4013356 0.11 MI E																	X		
9B	XTRA OIL COMPANY 1701 PARK ST ALAMEDA, CA 94501	1226876 0.11 MI E							X												
9B	EXXON REGAL 1725 PARK ALAMEDA, CA 94501	7429380 0.12 MI NE												X							
9B	EXXON # 70104 #405 1725 PARK ALAMEDA, CA 94501	4013369 0.12 MI NE																	X		
9B	EXXON REGAL 1725 PARK ST ALAMEDA, CA 94501	929700 0.12 MI NE							X										X	X	
9B	EXXON REGAL 1725 PARK ST ALAMEDA, CA 94501	12640032 0.12 MI NE							X												
9B	ALAMEDA FOREIGN AUTO 1726 PARK ALAMEDA, CA 94501	4013371 0.12 MI E																	X		
9B	JOHN B HENRY ESTATE 1726 PARK ST ALAMEDA, CA 94501	11499173 0.12 MI E							X												
9B	ALAMEDA FOREIGN AUTO REPAIR 1726 PARK ST ALAMEDA, CA 94501	8590396 0.12 MI E																	X		



MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID / DISTANCE / DIRECTION	A			B														C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
10A	GONSALVES SONS 1800 PARK ST ALAMEDA, CA 94501	8590397 0.15 MI NE																	X		
10A	UNKNOWN 1800 PARK ST ALAMEDA, CA 94501	3781437 0.15 MI NE							X												
10B	CHEVRON #4463 1801 PARK ST ALAMEDA, CA 94501	7032728 0.17 MI NE							X										X		
10B	FORMER CHEVRON STATION #9 1801 PARK ALAMEDA, CA 94501	7429392 0.17 MI NE												X							
10B	CHEVRON #4463 1801 PARK ALAMEDA, CA 94501	4013385 0.17 MI NE																	X		
10B	RON GOODE TOYOTA INC 1825 PARK ALAMEDA, CA 94501	4013392 0.18 MI NE																	X		
10B	RON GOODE TOYOTA INC 1825 PARK AVE ALAMEDA, CA 94501	360009 0.18 MI NE							X										X		•
10C	ROCKYS AUTO BODY 2405 EAGLE AVE ALAMEDA, CA 94501	486927 0.17 MI NE															X				•
11	MERRITT TIRE 2501 SANTA CLARA ALAMEDA, CA 94501	929701 0.17 MI SE																	X		
11	GOODMAN PROPERTY 2501 SANTA CLARA AVE ALAMEDA, CA 94501	11499307 0.17 MI SE							X												
12	AUTOMOTIVE AUTO REPAIR 2425 CENTRAL AVE ALAMEDA, CA 94501	929686 0.19 MI S							X												
12	STAHL WOODRIDGE CONSTRUCTION 2428 CENTRAL AVE ALAMEDA, CA 94501	5353490 0.19 MI S							X												
12	CHEVRON 2428 CENTRAL ALAMEDA, CA 94501	5353489 0.19 MI S												X							
13	VACANT BUILDING 1347 PARK ST ALAMEDA, CA 94501	8590393 0.20 MI S							X										X		
14A	OWNER/OPERATOR SCHILLER CLEMENT ALAMEDA, CA 94501	8573845 0.20 MI NE																	X		

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID / DISTANCE / DIRECTION	A			B												C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
15	CELIA HARRIS TRUST 2521 CENTRAL ALAMEDA, CA 94501	4222471 0.22 MI S							X										X		
16A	CLEMENT AVENUE PROJECT 2235 CLEMENT AVE ALAMEDA, CA 94501	1145638 0.23 MI N							X										X		
16B	RELIANCE SHEET STRIP COMPANY 2235 CLEMENT ALAMEDA, CA 94501	1228566 0.25 MI N																	X		
17	ALAMEDA CITY UNIFIED SCH DIST 2200 CENTRAL AVE ALAMEDA, CA 94501	10274 0.23 MI W							X												
17	HISTORIC ALAMEDA HIGH SCHOOL 2200 CENTRAL AVE ALAMEDA, CA 94501	8574503 0.23 MI W																	X		
17	HISTORIC ALAMEDA HIGH SCHOOL 2200 CENTRAL ALAMEDA, CA 94501	3781271 0.23 MI W																	X		
18A	RON GOODE TOYOTA 2424 CLEMENT ALAMEDA, CA 94501	4022257 0.23 MI NE																	X		•
18B	ALAMEDA COLLISION REPAIR INC 1911 PARK ST ALAMEDA, CA 94501	10268 0.24 MI NE							X												•

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID / DISTANCE / DIRECTION	A			B												C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
14	PARK ST LANDING 2301 BLANDING ALAMEDA, CA 94501	4222386 0.29 MI NE							X					X							
16	FOX PROPERTY 2229 CLEMENT AVE ALAMEDA, CA 94501	6531934 0.25 MI N							X												
16	2229 CLEMENT AVENUE 2229 CLEMENT AVE ALAMEDA, CA 94501	3781254 0.25 MI N										X									
19	ALAMEDA LOCK GLASS 2301 ENCINAL AVE ALAMEDA, CA 94501	8576918 0.27 MI SW							X										•		

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID / DISTANCE / DIRECTION	A			B													C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
20	ALAMEDA FIRE DEPARTMENT 2401 ENCINAL AVE ALAMEDA, CA 94501	4222555 0.28 MI S							X										•		
20	ALAMEDA CELLARS 2425 ENCINAL ALAMEDA, CA 94501	1584361 0.29 MI S							X					X							
21	ALLIED ENGINEERING AND PROD CO 2421 BLANDING AVE ALAMEDA, CA 94501	13043 0.30 MI NE							X			X									
21	ALAMEDA ELECTRIC 2420 BLANDING ALAMEDA, CA 94501	3781216 0.31 MI NE							X										•		
21	DOLLRES STAUDENRAUS 2424 BLANDING AVE ALAMEDA, CA 94501	6669292 0.31 MI NE							X												
22	GHIDELLA RESIDENCE 2110 SANTA CLARA AVE ALAMEDA, CA 94501	11499306 0.30 MI W							X												
23	ARCO 1260 PARK ST ALAMEDA, CA 94501	1587496 0.33 MI SW							X										•		
23	ARCO 1260 PARK ALAMEDA, CA 94501	7429314 0.33 MI SW												X							
24	ALAMEDA UNIFIED SCHOOL DISTRIC 2615 EAGLE AVE ALAMEDA, CA 94501	1254196 0.34 MI E							X												
25	CAMISA BROS ROOFING 1901 BROADWAY ALAMEDA, CA 94501	11498549 0.37 MI E							X												
25	CAMISA BROS ROOFING 1901 BROADWAY ALAMEDA, CA 94501	5520262 0.37 MI E							X												
26	PACIFIC BELL (Q3-004) 2100 CENTRAL ALAMEDA, CA 94501	315062 0.37 MI W							X					X					•		•
27	ALPHA BETA 2691 BLANDING ALAMEDA, CA 94501	5352029 0.46 MI E							X					X							
28	RIGHT AWAY REDY MIX, INC. 401 KENNEDY OAKLAND, CA 94606	3078920 0.48 MI NE							X										•		
28	RHODES JAMIESON BATCH PLA 333 KENNEDY OAKLAND, CA 94606	1585693 0.50 MI NE							X					X							

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID / DISTANCE / DIRECTION	A			B													C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
29	CHEVRON 333 23RD AVE OAKLAND, CA 94606	3867311 0.49 MI NE							X			X									
30	GOLDEN WEST ENVIRONMENTAL SERV 2017 CENTRAL AVE ALAMEDA, CA 94501	4222470 0.49 MI W							X												

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID / DISTANCE / DIRECTION	A			B											C			D	
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
31	AMERICAN NATIONAL CAN CO. 3801 E. 8TH ST OAKLAND, CA 94601	481033 0.99 MI E		X			•		•								•				•

UNMAPPED SITES	VISTA ID	A			B												C			D	
		NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
OWNER/OPERATOR WALNUT ST ALAMEDA, CA 94501	8599186																	X		
OWNER/OPERATOR NORTH END OF EVERETT ALAMEDA, CA 94501	8577197																	X		
BETHLEHEM STEEL WEBSTER NORTH END ALAMEDA, CA 94501	8598743																	X		
NCPA TODD SHIPYARD 0 UNKNOWN ALAMEDA, CA 94501	12713938							X												
ALAMEDA NAVAL AIR STATION 0 UNKNOWN ALAMEDA, CA 94501	12713937							X												
FLEET INDUSTRIAL SUPPLY CNTR 7TH MARITIME ST OAKLAND, CA 94625	7006090																	X		
XTRA OIL CO. (SHELL) 03RD ST ALAMEDA, CA 94501	6848371																	X		
ALAMEDA NAVAL AIR STATION 0 UNKNOWN ALAMEDA, CA	12666629							X												
OAKLAND ARMY BASE BLDG 812-828-5-POVTAL OAKLAND, CA 94623	8566540																	X		
ROADWAY EXPRESS,INC 1125 27TH AVE OAKLAND, CA	7291475							X												
NAS ALAMEDA B 117 AVE G ALAMEDA, CA 94501	7432471												X							
NAVY TRANSPORTATION MAINT/SHOP NAVAL SUPPLY CENTER OAKLAND, CA 94623	8587613																	X		
NCPA TODD SHIPYARD 0 UNKNOWN ALAMEDA, CA	12666650							X												
GALLAGHER BURKE INC 7100 BOUNTAIN BLVD OAKLAND, CA 94623	247661							X												
PORT OF OAKLAND HANGER 6 11007 AIRPORT OAKLAND, CA 94614	7431274												X							

UNMAPPED SITES	VISTA ID	A			B												C			D	
		NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
FLEET INDUSTRIAL SUPPLY C 541 ACRES EASTERN SHORE OF TH OAKLAND, CA 94625	7431148												X							
SF-OAK BAY BRIDGE CALTRANS BAY BRIDGE TOLL PLAZA OAKLAND, CA 94623	8573092																	X		
HARBOR TRANSPORTATION CENTER 250 EXECUTIVE WAY OAKLAND, CA 94625	12361902																	X		
ALAMEDA (DISTRICT 7) ALAMEDA, CA	6612672																	X		
OAKLAND FUEL FACILITIES CORP. TANK FARM S - S. FIELD OAKLAND, CA	4924439																	X		
GENERAL ELECTRIC COMPANY 100 WOODLAWN AVENUE OAKLAND, CA	4826802									X										
EAST BAY SERVICE ROAD TENT 0 BAY BRIDGE TOLL PLZ OAKLAND, CA	12666907							X												
OAKLAND ARMY BASE (FORMERLY ASI LEA OAKLAND, CA 94626	4823458										X									
EAST BAY REGIONAL PARK DISTRICT 0 TILDEN PARK OAKLAND, CA	12667445							X												
7 0 L 827 TRACON OAKLAND, CA	12667122							X												
CROWLEY MARITIME CORPORATION PACIFIC DRY DOCK AND REPAIR YD OAKLAND, CA	4570533										X									
OAKLAND ARMY BASE (FORMERLY ASI LEA OAKLAND, CA	4570445										X									
PORT OAKLAND: OAKLAND AIRPORT HANGER #6 OAKLAND, CA	1593878										X									
ROUND TOP RADIO (CAO480) 5.3 MILES NE OAKLAND CIVIC CEN OAKLAND, CA	6613560																	X		
S SPILL-SCHNITZER STEEL PRODUCT CO. FOOT OF ADELINE ST. OAKLAND, CA	3593659										X									
HAYWARD LIMITED 30104 INDUSTRIAL PKWY SW HAYWARD, CA	7291068							X												

UNMAPPED SITES	VISTA ID	A			B												C			D	
		NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	NORTH BAY	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
UPTOWN THEATER DISTRICT UNKNOWN OAKLAND, CA	12714497							X												
OH OLSEN 2220 4TH ST BERKELEY, CA	7291419							X												
OAKLAND INTERNATIONAL AIRPORT OAKLAND INTERNATIONAL AIRPORT OAKLAND, CA	7291755							X												
UNION POINT WATERFRONT PARK 2301 EMBARCADERO ST OAKLAND, CA	12714405							X												
PORT OF OAKLAND LANA KAI MARINA OAKLAND, CA	1594330										X									
PORT OF OAKLAND - KING INTERESTS SI OAKLAND AIRPORT OAKLAND, CA	1595209										X									

SITE ASSESSMENT PLUS REPORT

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*:	LINCOLN-OAKS UNION #5394 2267 LINCOLN AVE ALAMEDA, CA 94501	VISTA ID#:	8581869	Map ID
		Distance/Direction:	0.00 MI / NA	1
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A	

Agency Address:	SAME AS ABOVE
Underground Tanks:	3
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	T001U	Tank Status:	CURRENT
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	UNION OIL SS #5394 2267 LINCOLN ALAMEDA, CA 94501	VISTA ID#:	1255000	Map ID
		Distance/Direction:	0.00 MI / NA	1
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	SAME AS ABOVE
Underground Tanks:	3
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	14	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OIL(NOT SPECIFIED)	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	280 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	14	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	10000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	14	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	10000 (GALLONS)	Tank Material:	BARE STEEL

VISTA Address*:	ROY L BURGE INC 2310 PACIFIC AVE ALAMEDA, CA 94501	VISTA ID#:	362149	Map ID 2
		Distance/Direction:	0.00 MI / NA	
		Plotted as:	Point	

RCRA-SmGen - RCRA-Small Generator / SRC# 6379	EPA ID:	CAD028779304

Agency Address:	*SAME AS ABOVE*
Generator Class:	*Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste*

VISTA Address*:	GOOD CHEVROLET 2329 PACIFIC AVE ALAMEDA, CA 94501	VISTA ID#:	4866779	Map ID 2
		Distance/Direction:	0.01 MI / NE	
		Plotted as:	Point	

RCRA-SmGen - RCRA-Small Generator / SRC# 6379	EPA ID:	CA0000033514

Agency Address:	*GOOD CHEVROLET PAINT SHOP* *2329 PACIFIC AVE* *ALAMEDA, CA 94501*
Generator Class:	*Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste*

VISTA Address*:	ALAMEDA POLICE DEPARTMENT 1555 OAK ALAMEDA, CA 94501	VISTA ID#:	929696	Map ID 3A
		Distance/Direction:	0.00 MI / NA	
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*1*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*001U*	Tank Status:	*ACTIVE/IN SERVICE*
Tank Contents:	*DIESEL*	Leak Monitoring:	*Agency Code (')*
Tank Age:	*NOT REPORTED*	Tank Piping:	*UNKNOWN*
Tank Size (Units):	*6000 (GALLONS)*	Tank Material:	*OTHER DESCRIPTIONS*

CORTESE / SRC# 4840	Agency ID:	01-0051

Agency Address:	*ALAMEDA POLICE DEPARTMENT* *1555 OAK* *ALAMEDA, CA*
List Name:	*LEAKING TANK*
Site ID:	*01-0051*

STATE UST - State Underground Storage Tank / SRC# 5275	EPA/Agency ID:	N/A

Agency Address:	*ALAMEDA POLICE DEPARTMENT* *1555 OAK ST* *ALAMEDA, CA 94501*
Underground Tanks:	*1*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*001U*	Tank Status:	*CURRENT*
Tank Contents:	*NOT AVAILABLE*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	Tank Material:	*NOT AVAILABLE*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	ALAMEDA POLICE DEPARTMENT 1555 OAK ST ALAMEDA, CA	
Facility ID:	01-0051	
Leak Report Date:	7/2/86	
Site Assessment Began:	6/4/86	
Leak Cause:	STRUCTURE FAILURE	
Leak Source:	TANK	
Substance:	DIESEL	
Remediation Event:	NO ACTION TAKEN	
Remediation Event:	STOP DATE: 7/2/86HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:	
Remediation Status:	PRELIMINARY SITE ASSESSMENT UNDERWAY	
Media Affected:	OTHER GROUND WATER	
Lead Agency:	LOCAL AGENCY	
Region / District:	SAN FRANCISCO BAY RE	
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/24/94	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	ALAMEDA POLICE DEPARTMENT 1555 OAK ST ALAMEDA, CA 94501	
Facility ID:	01-0051	
Leak Report Date:	07/02/86	
Site Assessment Began:	06/04/86	
Substance:	DIESEL	
Remediation Event:	NO ACTION TAKEN	
Remediation Status:	PRELIMINARY SITE ASSESSMENT UNDERWAY	
Media Affected:	OTHER GROUND WATER	
Lead Agency:	LOCAL AGENCY	
Region / District:	SAN FRANCISCO BAY RE	
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:	

VISTA Address*:	ALAMEDA AUTO ENHANCERS 2327 LINCOLN AVE ALAMEDA, CA 94501	VISTA ID#:	1594302
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point

Map ID **3B**

STATE LUST - State Leaking Underground Storage Tank / SRC# 6271	EPA/Agency ID:	N/A
Agency Address:	ALAMEDA AUTO ENHANCERS 2327 LINCOLN AVE ALAMEDA, CA	
Facility ID:	0150234	
Remediation Status:	INACTIVE	
Description / Comment:	FAC COUNTY: ALAMEDA	

VISTA Address*:	BILL CHUN'S TEXACO SERVICE 2301 SANTA CLARA AVE ALAMEDA, CA 94501	VISTA ID#:	1223579
		Distance/Direction:	0.04 MI / SW
		Plotted as:	Point

Map ID **4A**

STATE UST - State Underground Storage Tank / SRC# 5275 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

VISTA Address*:	BILL CHUN'S SERVICE 2301 SANTA CLARA ALAMEDA, CA 94501	VISTA ID#:	3781480
		Distance/Direction:	0.04 MI / SW
		Plotted as:	Point

Map ID **4A**

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*3*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*CLOSED REMOVED*
Tank Contents:	*LEADED GAS*	**Leak Monitoring:**	*Agency Code (')*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*UNKNOWN*
Tank Size (Units):	*285 (GALLONS)*	**Tank Material:**	*SEC. CONTAINMENT*
Tank ID:	*T001U*	**Tank Status:**	*OTHER*
Tank Contents:	*LEADED GAS*	**Leak Monitoring:**	*Agency Code (')*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*UNKNOWN*
Tank Size (Units):	*550 (GALLONS)*	**Tank Material:**	*SEC. CONTAINMENT*
Tank ID:	*T001U*	**Tank Status:**	*CLOSED REMOVED*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (')*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*UNKNOWN*
Tank Size (Units):	*550 (GALLONS)*	**Tank Material:**	*SEC. CONTAINMENT*

CORTESE / SRC# 4840 — Agency ID: 01-1063

Agency Address:	*BILL CHUN SERVICE STATION* *2301 SANTA CLARA* *ALAMEDA, CA 94501*
List Name:	*LEAKING TANK*
Site ID:	*01-1063*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428 — EPA/Agency ID: N/A

Agency Address:	*BILL CHUN SERVICE STATION* *2301 SANTA CLARA AVE* *ALAMEDA, CA*
Facility ID:	*01-1063*
Leak Report Date:	*7/31/92*
Site Assessment Plan Submitted:	*1/4/93*

Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*GASOLINE*
Remediation Event:	*NO ACTION TAKEN*
Remediation Event:	*STOP DATE: 7/31/92HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/3/98*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	*BILL CHUN SERVICE STATION 2301 SANTA CLARA AVE ALAMEDA, CA 94501*	
Facility ID:	*01-1063*	
Leak Report Date:	*07/31/92*	
Site Assessment Plan Submitted:	*01/04/93*	
Substance:	*GASOLINE*	
Remediation Event:	*NO ACTION TAKEN*	
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*	
Media Affected:	*OTHER GROUND WATER*	
Lead Agency:	*LOCAL AGENCY*	
Region / District:	*SAN FRANCISCO BAY RE*	
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*	

VISTA Address*:	**SHELL** **2300 SANTA CLARA AVE** **ALAMEDA, CA 94501**	VISTA ID#: Distance/Direction: Plotted as:	12640155 0.05 MI / SW Point

Map ID **4B**

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	*SHELL 2300 SANTA CLARA AVE ALAMEDA, CA*	
Facility ID:	*01-2387*	
Leak Report Date:	*11/29/95*	
Leak Cause:	*UNKNOWN*	
Leak Source:	*UNKNOWN*	
Substance:	*GASOLINE*	
Remediation Event:	*STOP DATE:HOW STOPPED:ENFORCEMENT:ENFORCEMENT DATE:*	
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*	
Media Affected:	*OTHER GROUND WATER*	
Lead Agency:	*LOCAL AGENCY*	
Region / District:	*SAN FRANCISCO BAY RE*	
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 1/21/98*	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	*SAME AS ABOVE*	
Facility ID:	*01-2387*	
Leak Report Date:	*11/29/95*	

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Substance:	GASOLINE
Remediation Status:	PRELIMINARY SITE ASSESSMENT UNDERWAY
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:

VISTA Address*:		VISTA ID#:	1590942	Map ID
GOOD CHEVROLET 1630 PARK ALAMEDA, CA 94501		Distance/Direction:	0.04 MI / E	5A
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	SAME AS ABOVE
Underground Tanks:	5
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	00035300	**Tank Status:**	ACTIVE/IN SERVICE
Tank Contents:	OIL(NOT SPECIFIED)	**Leak Monitoring:**	Agency Code (")
Tank Age:	NOT REPORTED	**Tank Piping:**	BARE STEEL
Tank Size (Units):	550 (GALLONS)	**Tank Material:**	BARE STEEL
Tank ID:	00035300	**Tank Status:**	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	**Leak Monitoring:**	Agency Code (")
Tank Age:	NOT REPORTED	**Tank Piping:**	BARE STEEL
Tank Size (Units):	10000 (GALLONS)	**Tank Material:**	BARE STEEL
Tank ID:	00035300	**Tank Status:**	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	**Leak Monitoring:**	Agency Code (")
Tank Age:	NOT REPORTED	**Tank Piping:**	BARE STEEL
Tank Size (Units):	4000 (GALLONS)	**Tank Material:**	BARE STEEL
Tank ID:	00035300	**Tank Status:**	ACTIVE/IN SERVICE
Tank Contents:	LEADED GAS	**Leak Monitoring:**	Agency Code (")
Tank Age:	NOT REPORTED	**Tank Piping:**	OTHER DESCRIPTIONS
Tank Size (Units):	4000 (GALLONS)	**Tank Material:**	BARE STEEL
Tank ID:	00035300	**Tank Status:**	ACTIVE/IN SERVICE
Tank Contents:	OIL(NOT SPECIFIED)	**Leak Monitoring:**	Agency Code (")
Tank Age:	NOT REPORTED	**Tank Piping:**	UNKNOWN
Tank Size (Units):	300 (GALLONS)	**Tank Material:**	UNKNOWN

VISTA Address*:		VISTA ID#:	7429364	Map ID
GOOD CHEVROLET 1630 PARK ALAMEDA, CA 94501		Distance/Direction:	0.04 MI / E	5A
		Plotted as:	Point	
CORTESE / SRC# 4840		Agency ID:	01-0711	

Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	01-0711

VISTA Address*:	GOOD CHEVROLET 1630 PARK ST ALAMEDA, CA 94501	VISTA ID#:	174748
		Distance/Direction:	0.04 MI / E
		Plotted as:	Point

Map ID **5A**

STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A
Agency Address:	*SAME AS ABOVE*		
Underground Tanks:	*3*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		
Tank ID:	*000001*	**Tank Status:**	*CURRENT*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	*GOOD CHEVROLET 1630 PARK ST ALAMEDA, CA*		
Facility ID:	*01-0711*		
Leak Report Date:	*1/15/87*		
Site Assessment Began:	*4/29/87*		
Leak Cause:	*STRUCTURE FAILURE*		
Leak Source:	*TANK*		
Substance:	*GASOLINE*		
Remediation Event:	*EXCAVATE AND DISPOSE*		
Remediation Event:	*STOP DATE: 5/21/87HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 12/12/91*		
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*		
Media Affected:	*OTHER GROUND WATER*		
Lead Agency:	*LOCAL AGENCY*		
Region / District:	*SAN FRANCISCO BAY RE*		
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 7/9/98*		

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	*SAME AS ABOVE*		
Facility ID:	*01-0711*		
Leak Report Date:	*01/15/87*		
Site Assessment Began:	*04/29/87*		
Substance:	*GASOLINE*		
Remediation Event:	*EXCAVATE AND DISPOSE*		
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*		
Media Affected:	*OTHER GROUND WATER*		
Lead Agency:	*LOCAL AGENCY*		
Region / District:	*SAN FRANCISCO BAY RE*		
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*		

VISTA Address*:	OIL CHANGERS 2425 LINCOLN AVE ALAMEDA, CA 94501	VISTA ID#:	307503	Map ID
		Distance/Direction:	0.06 MI / SE	5B
		Plotted as:	Point	

ERNS - Emergency Response Notification System / SRC# 6181	Agency ID:	487173

Agency Address:	OIL CHANGER 2425 LINCOLN AVE ALAMEDA, CA
Spill Date Time:	JUNE 10, 1999 05:30:00 PM
Case Number:	487173
Spill Location:	2425 LINCOLN AVE
Discharger Name:	OIL CHANGER
Discharger Org:	OIL CHANGER
Material Spilled:	OIL MIXED WITH WATER, 0.00 (UNK)
Waterway Affected:	STORM DRAINS
Fields Not Reported:	Source Agency, Discharger Phone

Air Release:	Land Release:	Water Release:	Ground Release:	Facility Release:	Other Release:
NO	NO	NO	NO	NO	NO

VISTA Address*:	WINNER FORD 1650 PARK ST ALAMEDA, CA 94501	VISTA ID#:	278169	Map ID
		Distance/Direction:	0.06 MI / E	5C
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 5275	EPA/Agency ID:	N/A

Agency Address:	SAME AS ABOVE
Underground Tanks:	NOT REPORTED
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

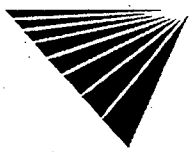
Tank ID:	T001U	Tank Status:	REMOVED
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

RCRA-SmGen - RCRA-Small Generator / SRC# 6379	EPA ID:	CAD981581309

Agency Address:	ALAMEDA FORD 1650 PARK ST ALAMEDA, CA 94501
Generator Class:	Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A

Agency Address:	WINNER FORD 1650 PARK ST ALAMEDA, CA
Facility ID:	01-2193
Leak Report Date:	8/10/95
Contamination Confirmed Date:	11/11/96
Remediation Start Date:	1/22/98
Leak Cause:	UNKNOWN
Leak Source:	UNKNOWN
Substance:	GASOLINE
Remediation Event:	STOP DATE: 2/1/94HOW STOPPED: REMOVE CONTENTSENFORCEMENT:ENFORCEMENT DATE:



Remediation Status:	*REMEDIAL ACTION UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 4/22/99*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-2193*
Leak Report Date:	*08/10/95*
Contamination Confirmed Date:	*11/11/96*
Remediation Start Date:	*01/22/98*
Substance:	*GASOLINE*
Remediation Status:	*REMEDIAL ACTION UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	**WINNER FORD** **1650 PARK** **ALAMEDA, CA 94501**	VISTA ID#: Distance/Direction: Plotted as:	7429366 0.06 MI / E Point
CORTESE / SRC# 4840		Agency ID:	01-2193

Map ID **5C**

Agency Address:	*SAME AS ABOVE*
List Name:	*LEAKING TANK*
Site ID:	*01-2193*

VISTA Address*:	**WINNER FORD** **1650 PARK** **ALAMEDA, CA 94501**	VISTA ID#: Distance/Direction: Plotted as:	4013342 0.06 MI / E Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A

Map ID **5C**

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*2*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*OIL(NOT SPECIFIED)*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*UNKNOWN*
Tank Size (Units):	*150 (GALLONS)*	**Tank Material:**	*UNKNOWN*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*UNKNOWN*
Tank Size (Units):	*500 (GALLONS)*	**Tank Material:**	*UNKNOWN*

VISTA Address*:	TOSCO NORTHWEST CO NO 11266 1541 PARK ST ALAMEDA, CA 94501	VISTA ID#:	5521403	Map ID 6A
		Distance/Direction:	0.05 MI / SE	
		Plotted as:	Point	
RCRA-SmGen - RCRA-Small Generator / SRC# 6379		EPA ID:	CA0001036995	

Agency Address:	*SAME AS ABOVE*
Generator Class:	*Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste*

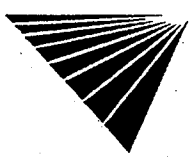
VISTA Address*:	BP OIL CO FACILITY #11266 1541 PARK ALAMEDA, CA 94501	VISTA ID#:	4013305	Map ID 6A
		Distance/Direction:	0.05 MI / SE	
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*4*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*OIL(NOT SPECIFIED)*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*600 (GALLONS)*	**Tank Material:**	*FIBERGLASS*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*LEADED GAS*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*12000 (GALLONS)*	**Tank Material:**	*FIBERGLASS*

VISTA Address*:	BP 1541 PARK ALAMEDA, CA 94501	VISTA ID#:	7429352	Map ID 6A
		Distance/Direction:	0.05 MI / SE	
		Plotted as:	Point	
CORTESE / SRC# 4840		Agency ID:	01-0221	

Agency Address:	*SAME AS ABOVE*
List Name:	*LEAKING TANK*
Site ID:	*01-0221*



VISTA Address*:	BP OIL CO FACILITY #11266 1541 PARK ST ALAMEDA, CA 94501	VISTA ID#:	1595478
		Distance/Direction:	0.05 MI / SE
		Plotted as:	Point

Map ID: 6A

STATE UST - State Underground Storage Tank / SRC# 5275 — EPA/Agency ID: N/A

Agency Address:	BP OIL CO. SITE #11266 1541 PARK ST ALAMEDA, CA 94501
Underground Tanks:	4
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	00035300	Tank Status:	CURRENT
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428 — EPA/Agency ID: N/A

Agency Address:	BP 1541 PARK ST ALAMEDA, CA
Facility ID:	01-0221
Leak Report Date:	10/19/87
Site Assessment Plan Submitted:	10/12/87
Site Assessment Began:	2/9/88
Pollution Characterization Date:	3/22/89
Leak Cause:	STRUCTURE FAILURE
Leak Source:	TANK
Substance:	GASOLINE
Remediation Event:	NO ACTION TAKEN
Remediation Event:	STOP DATE: 9/15/87HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:
Remediation Status:	POLLUTION CHARACTERIZATION
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 9/29/95

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 — EPA/Agency ID: N/A

Agency Address:	BP 1541 PARK ST ALAMEDA, CA 94501
Facility ID:	01-0221
Leak Report Date:	10/19/87
Site Assessment Plan Submitted:	10/12/87
Site Assessment Began:	02/09/88
Pollution Characterization Date:	03/22/89
Substance:	GASOLINE
Remediation Event:	NO ACTION TAKEN
Remediation Status:	POLLUTION CHARACTERIZATION
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Description / Comment: *COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	OWNER/OPERATOR 1522 PARK ST ALAMEDA, CA 94501	VISTA ID#:	8590395	Map ID 6A
		Distance/Direction:	0.06 MI / SE	
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 5275 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

VISTA Address*:	ACTION DESIGN 1511 PARK ST ALAMEDA, CA 94501	VISTA ID#:	3201124	Map ID 6B
		Distance/Direction:	0.06 MI / S	
		Plotted as:	Point	

RCRA-SmGen - RCRA-Small Generator / SRC# 6379 — EPA ID: CAD983636374

Agency Address:	*SAME AS ABOVE*
Generator Class:	*Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste*

VISTA Address*:	PUBLIC WORKS DEPARTMENT 2263 SANTA CLARA ALAMEDA, CA 94501	VISTA ID#:	1259127	Map ID 7A
		Distance/Direction:	0.07 MI / W	
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*2*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*U001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*GALVANIZED STEEL*
Tank Size (Units):	*280 (GALLONS)*	**Tank Material:**	*BARE STEEL*
Tank ID:	*U001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*LEADED GAS*	**Leak Monitoring:**	*Agency Code (")*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*GALVANIZED STEEL*
Tank Size (Units):	*1000 (GALLONS)*	**Tank Material:**	*UNKNOWN*

STATE UST - State Underground Storage Tank / SRC# 5275 — EPA/Agency ID: N/A

Agency Address:	*PUBLIC WORKS DEPARTMENT* *2263 SANTA CLARA AVE* *ALAMEDA, CA 94501*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*U001U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

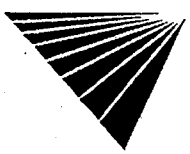
VISTA Address*:			
CITY OF ALAMEDA **2263 SANTA CLARA AVE** **ALAMEDA, CA 94501**	VISTA ID#:	6605317	Map ID **7A**
	Distance/Direction:	0.07 MI / W	
	Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	*ALAMEDA CITY OF* *2263 SANTA CLARA AVE* *ALAMEDA, CA*	
Facility ID:	*01-2152*	
Leak Report Date:	*6/24/94*	
Contamination Confirmed Date:	*6/11/96*	
Case Closed Date:	*6/18/96*	
Leak Cause:	*UNKNOWN*	
Leak Source:	*UNKNOWN*	
Substance:	*GASOLINE*	
Remediation Event:	*STOP DATE:HOW STOPPED:ENFORCEMENT:ENFORCEMENT DATE:*	
Remediation Status:	*CASE CLOSED*	
Media Affected:	*SOIL ONLY*	
Lead Agency:	*LOCAL AGENCY*	
Region / District:	*SAN FRANCISCO BAY RE*	
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/7/96*	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	*ALAMEDA CITY OF* *2263 SANTA CLARA AVE* *ALAMEDA, CA 94501*	
Facility ID:	*01-2152*	
Leak Report Date:	*06/24/94*	
Contamination Confirmed Date:	*06/11/96*	
Case Closed Date:	*06/18/96*	
Substance:	*GASOLINE*	
Remediation Status:	*CASE CLOSED*	
Media Affected:	*SOIL ONLY*	
Lead Agency:	*LOCAL AGENCY*	
Region / District:	*SAN FRANCISCO BAY RE*	
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*	

VISTA Address*:			
FOWLER ANDERSON MORTUARY **2244 SANTA CLARA ST** **ALAMEDA, CA 94501**	VISTA ID#:	1596248	Map ID **7B**
	Distance/Direction:	0.10 MI / W	
	Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	*FOWLER ANDERSON MORTUARY* *2244 SANTA CLARA AVE* *ALAMEDA, CA*	
Facility ID:	*01-0657*	
Leak Report Date:	*1/11/91*	



*** VISTA address includes enhanced city and ZIP.**
For more information call VISTA Information Solutions, Inc. at **1 - 800 - 767 - 0403.**

Site Assessment Began:	*2/28/91*
Case Closed Date:	*9/3/92*
Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*GASOLINE*
Remediation Event:	*STOP DATE: 1/11/91HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 1/26/93*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 | EPA/Agency ID: N/A

Agency Address:	*FOWLER ANDERSON MORTUARY 2244 SANTA CLARA AVE ALAMEDA, CA 94501*
Facility ID:	*01-0657*
Leak Report Date:	*01/11/91*
Site Assessment Began:	*02/28/91*
Case Closed Date:	*09/03/92*
Substance:	*GASOLINE*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*: **RESIDENCE
2329 BUENA VISTA
ALAMEDA, CA 94501**

VISTA ID#: 8571733
Distance/Direction: 0.08 MI / NE
Plotted as: Point

Map ID **8A**

STATE UST - State Underground Storage Tank / SRC# 5275 | EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

VISTA Address*: **WINNER FORD INC
1835 OAK ST
ALAMEDA, CA 94501**

VISTA ID#: 5209723
Distance/Direction: 0.10 MI / NE
Plotted as: Point

Map ID **8B**

RCRA-SmGen - RCRA-Small Generator / SRC# 6379 | EPA ID: CA0000384495

Agency Address:	*ALLSTAR FORD INC 1835 OAK ST ALAMEDA, CA 94501*
Generator Class:	*Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste*

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	SKS DIE CASTING INC. 1849 OAK ST. ALAMEDA, CA 94501	VISTA ID#:	4244392	Map ID
		Distance/Direction:	0.11 MI / NE	8B
		Plotted as:	Point	

TRIS - Toxic Release Inventory System / SRC# 4946 — EPA ID: CAD00019303N

Agency Address:	*SAME AS ABOVE*
Chemical Abstract Service Registry:	Quantity Released:
1,1,1-TRICHLOROETHANE	*8822.00 (POUNDS)*

RCRA-SmGen - RCRA-Small Generator / SRC# 6379 — EPA ID: CAD009205048

Agency Address:	*SKS DIE CASTING AND MACHINING* *1849 OAK ST* *ALAMEDA, CA 94501*
Generator Class:	*Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste*

VISTA Address*:	ALAMEDA PLANT 1849 OAK ALAMEDA, CA 94501	VISTA ID#:	1262173	Map ID
		Distance/Direction:	0.11 MI / NE	8B
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*		
Underground Tanks:	*1*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		
Tank ID:	*001U*	Tank Status:	*CLOSED REMOVED*
Tank Contents:	*LEADED GAS*	Leak Monitoring:	*Agency Code (")*
Tank Age:	*NOT REPORTED*	Tank Piping:	*UNKNOWN*
Tank Size (Units):	*250 (GALLONS)*	Tank Material:	*BARE STEEL*

STATE UST - State Underground Storage Tank / SRC# 5275 — EPA/Agency ID: N/A

Agency Address:	*ALAMEDA PLANT* *1849 OAK ST* *ALAMEDA, CA 94501*		
Underground Tanks:	*NOT REPORTED*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		
Tank ID:	*001U*	Tank Status:	*OTHER*
Tank Contents:	*NOT AVAILABLE*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	Tank Material:	*NOT AVAILABLE*

VISTA Address*:	CAVANAUGH MOTORS, INC. 1700 PARK ST ALAMEDA, CA 94501	VISTA ID#:	73893	Map ID
		Distance/Direction:	0.09 MI / E	9A
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 5275 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	*T001U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A

Agency Address:	*CAVANAUGH MOTORS* *1700 PARK ST* *ALAMEDA, CA*
Facility ID:	*01-0291*
Leak Report Date:	*12/15/89*
Site Assessment Plan Submitted:	*4/13/90*
Site Assessment Began:	*6/8/90*
Pollution Characterization Date:	*4/15/91*
Case Closed Date:	*12/9/96*
Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*GASOLINE*
Remediation Event:	*STOP DATE: 4/16/90HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 12/9/96*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A

Agency Address:	*CAVANAUGH MOTORS* *1700 PARK ST* *ALAMEDA, CA 94501*
Facility ID:	*01-0291*
Leak Report Date:	*12/15/89*
Site Assessment Plan Submitted:	*04/13/90*
Site Assessment Began:	*06/08/90*
Pollution Characterization Date:	*04/15/91*
Case Closed Date:	*12/09/96*
Substance:	*GASOLINE*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	CAVANAUGH MOTORS, INC. 1700 PARK ALAMEDA, CA 94501	VISTA ID#:	4013353	Map ID
		Distance/Direction:	0.09 MI / E	9A
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	SAME AS ABOVE
Underground Tanks:	2
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	T001U	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency Code (')
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	550 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	T001U	Tank Status:	CLOSED REMOVED
Tank Contents:	OIL(NOT SPECIFIED)	Leak Monitoring:	Agency Code (')
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	300 (GALLONS)	Tank Material:	UNKNOWN

VISTA Address*:	CAVANAUGH MOTORS CHRYSLER PLYM 1700 PARK ST ALAMEDA, CA 94501	VISTA ID#:	3778146	Map ID
		Distance/Direction:	0.09 MI / E	9A
		Plotted as:	Point	
RCRA-SmGen - RCRA-Small Generator / SRC# 6379		EPA ID:	CAD981417447	

Agency Address:	CAVANAUGH MOTOR CHRYSLER PLYMOUTH 1700 PARK ST ALAMEDA, CA 945011416
Generator Class:	Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste

VISTA Address*:	XTRA OIL CO. DBA SHELL OIL 1701 PARK ST ALAMEDA, CA 94501	VISTA ID#:	4558636	Map ID
		Distance/Direction:	0.11 MI / E	9B
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A	

Agency Address:	SAME AS ABOVE
Underground Tanks:	3
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	T001U	Tank Status:	CURRENT
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

VISTA Address*:	XTRA OIL COMPANY 1701 PARK ALAMEDA, CA 94501	VISTA ID#:	7429374	Map ID
		Distance/Direction:	0.11 MI / E	9B
		Plotted as:	Point	
CORTESE / SRC# 4840		Agency ID:	01-1950	

Agency Address:	SAME AS ABOVE
List Name:	LEAKING TANK
Site ID:	01-1950

VISTA Address*:	XTRA OIL CO DBA SHELL OIL 1701 PARK ALAMEDA, CA 94501	VISTA ID#:	4013356	Map ID 9B
		Distance/Direction:	0.11 MI / E	
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 1612 | EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*4*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*DIESEL*	**Leak Monitoring:**	*Agency Code (`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*BARE STEEL*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*BARE STEEL*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*BARE STEEL*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*BARE STEEL*

VISTA Address*:	XTRA OIL COMPANY 1701 PARK ST ALAMEDA, CA 94501	VISTA ID#:	1226876	Map ID 9B
		Distance/Direction:	0.11 MI / E	
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428 | EPA/Agency ID: N/A

Agency Address:	*XTRA OIL COMPANY 1701 PARK ST ALAMEDA, CA*
Facility ID:	*01-1950*
Leak Report Date:	*4/8/94*
Contamination Confirmed Date:	*7/5/94*
Remediation Start Date:	*1/29/98*
Leak Cause:	*UNKNOWN*
Leak Source:	*UNKNOWN*
Substance:	*GASOLINE*
Remediation Event:	*NO ACTION TAKEN*
Remediation Event:	*STOP DATE: 4/8/94HOW STOPPED: REMOVE CONTENTSENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*REMEDIAL ACTION UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET: BUENA VISTAREVIEW DATE: 5/25/99*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE	
Facility ID:	01-1950	
Leak Report Date:	04/08/94	
Contamination Confirmed Date:	07/05/94	
Remediation Start Date:	01/29/98	
Substance:	GASOLINE	
Remediation Event:	NO ACTION TAKEN	
Remediation Status:	REMEDIAL ACTION UNDERWAY	
Media Affected:	OTHER GROUND WATER	
Lead Agency:	LOCAL AGENCY	
Region / District:	SAN FRANCISCO BAY RE	
Description / Comment:	COUNTY: ALAMEDAXSTREET: BUENA VISTAREVIEW DATE:	

VISTA Address*:	EXXON REGAL 1725 PARK ALAMEDA, CA 94501	VISTA ID#:	7429380
		Distance/Direction:	0.12 MI / NE
		Plotted as:	Point

Map ID **9B**

CORTESE / SRC# 4840	Agency ID:	01-0602
Agency Address:	SAME AS ABOVE	
List Name:	LEAKING TANK	
Site ID:	01-0602	

VISTA Address*:	EXXON # 70104 #405 1725 PARK ALAMEDA, CA 94501	VISTA ID#:	4013369
		Distance/Direction:	0.12 MI / NE
		Plotted as:	Point

Map ID **9B**

STATE UST - State Underground Storage Tank / SRC# 1612	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE	
Underground Tanks:	5	
Aboveground Tanks:	NOT REPORTED	
Tanks Removed:	NOT REPORTED	

Tank ID:	T001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OIL(NOT SPECIFIED)	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	T001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	FIBERGLASS
Tank Size (Units):	10000 (GALLONS)	Tank Material:	FIBERGLASS
Tank ID:	T001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	LEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	5000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	T001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	LEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	FIBERGLASS
Tank Size (Units):	10000 (GALLONS)	Tank Material:	FIBERGLASS

Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (')*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS*

				Map ID
VISTA Address*:	**EXXON REGAL** **1725 PARK ST** **ALAMEDA, CA 94501**	VISTA ID#:	929700	**9B**
		Distance/Direction:	0.12 MI / NE	
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A
Agency Address:	*EXXON R/S #7-0104* *1725 PARK ST* *ALAMEDA, CA 94501*		
Underground Tanks:	*3*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		

Tank ID:	*T001U*	**Tank Status:**	*CURRENT*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

ERNS - Emergency Response Notification System / SRC# 6181		Agency ID:	91-5278
Agency Address:	*EXXON* *1725 PARK ST. WELL #7-0104* *ALAMEDA, CA 94501*		
Spill Date Time:	*JULY 26, 1991 08:30:00 AM*		
Case Number:	*91-5278*		
Spill Location:	*1725 PARK ST. WELL #7-0104*		
Source Agency:	*E*		
Discharger Org:	*EXXON*		
Material Spilled:	*GASOLINE, 0.00 (UNK)*		
Waterway Affected:	*NONE*		
Fields Not Reported:	*Discharger Name, Discharger Phone*		

Air Release:	Land Release:	Water Release:	Ground Release:	Facility Release:	Other Release:
NO	*NO*	*NO*	*NO*	*NO*	*NO*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	*EXXON REGAL* *1725 PARK ST* *ALAMEDA, CA*		
Facility ID:	*01-0602*		
Leak Report Date:	*7/25/91*		
Site Assessment Began:	*6/24/88*		
Pollution Characterization Date:	*3/21/89*		
Remediation Plan Date:	*9/23/91*		
Remediation Start Date:	*3/24/98*		
Leak Cause:	*STRUCTURE FAILURE*		
Leak Source:	*TANK*		
Substance:	*GASOLINE*		
Remediation Event:	*PUMP AND TREAT GROUND WATER*		

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Remediation Event:	*STOP DATE: 8/9/88HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 12/12/91*
Remediation Status:	*REMEDIAL ACTION UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 5/17/99*

VISTA Address*:	VISTA ID#:	Map ID
EXXON REGAL **1725 PARK ST** **ALAMEDA, CA 94501**	12640032 Distance/Direction: 0.12 MI / NE Plotted as: Point	**9B**

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-0602*
Leak Report Date:	*07/25/91*
Site Assessment Began:	*06/24/88*
Pollution Characterization Date:	*03/21/89*
Remediation Plan Date:	*09/23/91*
Remediation Start Date:	*03/24/98*
Substance:	*GASOLINE*
Remediation Event:	*PUMP AND TREAT GROUND WATER*
Remediation Status:	*REMEDIAL ACTION UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	VISTA ID#:	Map ID
ALAMEDA FOREIGN AUTO **1726 PARK** **ALAMEDA, CA 94501**	4013371 Distance/Direction: 0.12 MI / E Plotted as: Point	**9B**

STATE UST - State Underground Storage Tank / SRC# 1612 — EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*1*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*OIL(NOT SPECIFIED)*	**Leak Monitoring:**	*Agency Code (`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*UNKNOWN*
Tank Size (Units):	*150 (GALLONS)*	**Tank Material:**	*BARE STEEL*

VISTA Address*:	JOHN B HENRY ESTATE 1726 PARK ST ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	11499173 0.12 MI / E Point	Map ID 9B

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	JOHN B HENRY ESTATE 1726 PARK ST ALAMEDA, CA		
Facility ID:	01-0008		
Leak Report Date:	5/12/92		
Site Assessment Plan Submitted:	5/12/92		
Case Closed Date:	10/23/96		
Leak Cause:	STRUCTURE FAILURE		
Leak Source:	TANK		
Substance:	GASOLINE		
Remediation Event:	NO ACTION TAKEN		
Remediation Event:	STOP DATE: 5/12/92HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:		
Remediation Status:	CASE CLOSED		
Media Affected:	OTHER GROUND WATER		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 10/24/96		

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01-0008		
Leak Report Date:	05/12/92		
Site Assessment Plan Submitted:	05/12/92		
Case Closed Date:	10/23/96		
Substance:	GASOLINE		
Remediation Event:	NO ACTION TAKEN		
Remediation Status:	CASE CLOSED		
Media Affected:	OTHER GROUND WATER		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:		

VISTA Address*:	ALAMEDA FOREIGN AUTO REPAIR 1726 PARK ST ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	8590396 0.12 MI / E Point	Map ID 9B

STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	NOT REPORTED		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	*1U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:		VISTA ID#:	8590397	Map ID
GONSALVES SONS **1800 PARK ST** **ALAMEDA, CA 94501**		Distance/Direction:	0.15 MI / NE	**10A**
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A	
Agency Address:	*SAME AS ABOVE*			
Underground Tanks:	*NOT REPORTED*			
Aboveground Tanks:	*NOT REPORTED*			
Tanks Removed:	*NOT REPORTED*			
Tank ID:	*T001U*	**Tank Status:**	*REMOVED*	
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*	
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*	
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*	

VISTA Address*:		VISTA ID#:	3781437	Map ID
UNKNOWN **1800 PARK ST** **ALAMEDA, CA 94501**		Distance/Direction:	0.15 MI / NE	**10A**
		Plotted as:	Point	
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A	
Agency Address:	*UNKNOWN* *1800 PARK ST* *ALAMEDA, CA*			
Facility ID:	*01-1559*			
Leak Report Date:	*2/16/92*			
Case Closed Date:	*11/3/95*			
Leak Cause:	*STRUCTURE FAILURE*			
Leak Source:	*TANK*			
Substance:	*GASOLINE*			
Remediation Event:	*NO ACTION TAKEN*			
Remediation Event:	*STOP DATE: 2/16/92HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*			
Remediation Status:	*CASE CLOSED*			
Media Affected:	*SOIL ONLY*			
Lead Agency:	*LOCAL AGENCY*			
Region / District:	*SAN FRANCISCO BAY RE*			
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/24/94*			
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A	
Agency Address:	*SAME AS ABOVE*			
Facility ID:	*01-1559*			
Leak Report Date:	*02/16/92*			
Case Closed Date:	*11/03/95*			

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Substance:	*GASOLINE*
Remediation Event:	*NO ACTION TAKEN*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	**CHEVRON #4463** **1801 PARK ST** **ALAMEDA, CA 94501**	VISTA ID#: Distance/Direction: Plotted as:	7032728 0.17 MI / NE Point	Map ID **10B**

STATE UST - State Underground Storage Tank / SRC# 5275 | EPA/Agency ID: N/A

Agency Address:	*CHEVRON STN. #94463* *1801 PARK ST* *ALAMEDA, CA 94501*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*600018U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428 | EPA/Agency ID: N/A

Agency Address:	*CHEVRON* *1801 PARK ST* *ALAMEDA, CA*
Facility ID:	*01-2119*
Leak Report Date:	*10/18/95*
Contamination Confirmed Date:	*6/5/97*
Case Closed Date:	*3/4/98*
Leak Cause:	*UNKNOWN*
Leak Source:	*UNKNOWN*
Substance:	*GASOLINE*
Remediation Event:	*STOP DATE: 10/18/95HOW STOPPED: CLOSE TANKENFORCEMENT:ENFORCEMENT DATE:*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 3/6/98*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 | EPA/Agency ID: N/A

Agency Address:	*CHEVRON* *1801 PARK ST* *ALAMEDA, CA 94501*
Facility ID:	*01-2119*
Leak Report Date:	*10/18/95*
Contamination Confirmed Date:	*06/05/97*
Case Closed Date:	*03/04/98*
Substance:	*GASOLINE*

Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	FORMER CHEVRON STATION #9 1801 PARK ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	7429392 0.17 MI / NE Point	Map ID 10B
CORTESE / SRC# 4840		Agency ID:	01-2219	

Agency Address:	*SAME AS ABOVE*
List Name:	*LEAKING TANK*
Site ID:	*01-2219*

VISTA Address*:	CHEVRON #4463 1801 PARK ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	4013385 0.17 MI / NE Point	Map ID 10B
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*3*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (\`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (\`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS*
Tank ID:	*T001U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*Agency Code (\`)*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*FIBERGLASS*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS*

VISTA Address*:	RON GOODE TOYOTA INC 1825 PARK ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	4013392 0.18 MI / NE Point	Map ID 10B
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A	

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*2*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	T001U	**Tank Status:**	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	**Leak Monitoring:**	Agency Code (`)
Tank Age:	NOT REPORTED	**Tank Piping:**	UNKNOWN
Tank Size (Units):	550 (GALLONS)	**Tank Material:**	UNKNOWN
Tank ID:	T001U	**Tank Status:**	CLOSED REMOVED
Tank Contents:	OIL(NOT SPECIFIED)	**Leak Monitoring:**	Agency Code (`)
Tank Age:	NOT REPORTED	**Tank Piping:**	UNKNOWN
Tank Size (Units):	200 (GALLONS)	**Tank Material:**	UNKNOWN

VISTA Address*:		VISTA ID#:	Map ID
RON GOODE TOYOTA INC **1825 PARK AVE** **ALAMEDA, CA 94501**		Distance/Direction: 0.18 MI / NE Plotted as: Point	**10B**
STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A
Agency Address:	RON GOODE TOYOTA 1825 PARK ST ALAMEDA, CA 94501		
Underground Tanks:	NOT REPORTED		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	14	**Tank Status:**	REMOVED
Tank Contents:	NOT AVAILABLE	**Leak Monitoring:**	NOT AVAILABLE
Tank Age:	NOT REPORTED	**Tank Piping:**	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	**Tank Material:**	NOT AVAILABLE
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	RON GOODE TOYOTA 1825 PARK ST ALAMEDA, CA		
Facility ID:	01-1258		
Leak Report Date:	12/27/90		
Site Assessment Began:	12/31/91		
Case Closed Date:	1/10/97		
Leak Cause:	STRUCTURE FAILURE		
Leak Source:	TANK		
Substance:	WASTE OIL		
Remediation Event:	NO ACTION TAKEN		
Remediation Event:	STOP DATE: 12/27/90HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:		
Remediation Status:	CASE CLOSED		
Media Affected:	OTHER GROUND WATER		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/18/97		
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	RON GOODE TOYOTA 1825 PARK ST ALAMEDA, CA 94501		
Facility ID:	01-1258		
Leak Report Date:	12/27/90		
Site Assessment Began:	12/31/91		

Case Closed Date:	01/10/97
Substance:	WASTE OIL
Remediation Event:	NO ACTION TAKEN
Remediation Status:	CASE CLOSED
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:

VISTA Address*:	ROCKYS AUTO BODY 2405 EAGLE AVE ALAMEDA, CA 94501	VISTA ID#:	486927
		Distance/Direction:	0.17 MI / NE
		Plotted as:	Point

Map ID **10C**

RCRA-Violations / SRC# 6379		EPA ID:	CAD981159163
Agency Address:	SAME AS ABOVE		
Violation Type:	GENERATOR--OTHER REQUIREMENTS		
Violation Date:	JUNE 23, 1986		
Violation Class:	2		
Actual Compliance Date:	NOT REPORTED		
Scheduled Compliance Date:	NOT REPORTED		

VISTA Address*:	MERRITT TIRE 2501 SANTA CLARA ALAMEDA, CA 94501	VISTA ID#:	929701
		Distance/Direction:	0.17 MI / SE
		Plotted as:	Point

Map ID **11**

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	4		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		

Tank ID:	001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	5000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	5000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	LEADED GAS	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	5000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OIL(NOT SPECIFIED)	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	250 (GALLONS)	Tank Material:	UNKNOWN

STATE UST - State Underground Storage Tank / SRC# 5275			EPA/Agency ID:	N/A
Agency Address:	MERRITT TIRE OF ALAMEDA 2501 SANTA CLARA AVE ALAMEDA, CA 94501			
Underground Tanks:	NOT REPORTED			
Aboveground Tanks:	NOT REPORTED			
Tanks Removed:	NOT REPORTED			
Tank ID:	001U	Tank Status:	REMOVED	
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE	
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE	
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE	

VISTA Address*:	GOODMAN PROPERTY 2501 SANTA CLARA AVE ALAMEDA, CA 94501	VISTA ID#:	11499307	Map ID 11
		Distance/Direction:	0.17 MI / SE	
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	GOODMAN PROPERTY 2501 SANTA CLARA AVE ALAMEDA, CA		
Facility ID:	01-0964		
Leak Report Date:	8/17/92		
Contamination Confirmed Date:	9/23/92		
Case Closed Date:	5/28/97		
Leak Cause:	STRUCTURE FAILURE		
Leak Source:	TANK		
Substance:	GASOLINE		
Remediation Event:	EXCAVATE AND DISPOSE		
Remediation Event:	STOP DATE: 5/25/88HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 9/23/92		
Remediation Status:	CASE CLOSED		
Media Affected:	OTHER GROUND WATER		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 6/3/97		

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01-0964		
Leak Report Date:	08/17/92		
Contamination Confirmed Date:	09/23/92		
Case Closed Date:	05/28/97		
Substance:	GASOLINE		
Remediation Event:	EXCAVATE AND DISPOSE		
Remediation Status:	CASE CLOSED		
Media Affected:	OTHER GROUND WATER		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:		

VISTA Address*:	AUTOMOTIVE AUTO REPAIR 2425 CENTRAL AVE ALAMEDA, CA 94501	VISTA ID#:	929686	Map ID
		Distance/Direction:	0.19 MI / S	12
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	AUTOMOTIVE AUTO REPAIR 2425 CENTRAL AVE ALAMEDA, CA		
Facility ID:	01-0139		
Leak Report Date:	10/27/88		
Site Assessment Plan Submitted:	1/29/88		
Site Assessment Began:	2/8/88		
Case Closed Date:	3/6/96		
Leak Cause:	STRUCTURE FAILURE		
Leak Source:	TANK		
Substance:	GASOLINE		
Remediation Event:	NO ACTION TAKEN		
Remediation Event:	STOP DATE: 2/3/88HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:		
Remediation Status:	CASE CLOSED		
Media Affected:	OTHER GROUND WATER		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/7/96		

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01-0139		
Leak Report Date:	10/27/88		
Site Assessment Plan Submitted:	01/29/88		
Site Assessment Began:	02/08/88		
Case Closed Date:	03/06/96		
Substance:	GASOLINE		
Remediation Event:	NO ACTION TAKEN		
Remediation Status:	CASE CLOSED		
Media Affected:	OTHER GROUND WATER		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:		

VISTA Address*:	STAHL WOODRIDGE CONSTRUCTION 2428 CENTRAL AVE ALAMEDA, CA 94501	VISTA ID#:	5353490	Map ID
		Distance/Direction:	0.19 MI / S	12
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	STAHL WOODRIDGE CONSTRUCTION 2428 CENTRAL AVE ALAMEDA, CA		
Facility ID:	01-1845		
Leak Report Date:	6/21/93		
Site Assessment Began:	6/16/93		

Leak Cause:	*UNKNOWN*
Leak Source:	*TANK*
Substance:	*DIESEL*
Remediation Event:	*NO ACTION TAKEN*
Remediation Event:	*STOP DATE:HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 8/6/93*
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 1/15/99*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 | EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-1845*
Leak Report Date:	*06/21/93*
Site Assessment Began:	*06/16/93*
Substance:	*DIESEL*
Remediation Event:	*NO ACTION TAKEN*
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

Map ID **12**

VISTA Address*: **CHEVRON**
2428 CENTRAL
ALAMEDA, CA 94501

VISTA ID#: 5353489
Distance/Direction: 0.19 MI / S
Plotted as: Point

CORTESE / SRC# 4840 | Agency ID: 01-1845

Agency Address:	*SAME AS ABOVE*
List Name:	*LEAKING TANK*
Site ID:	*01-1845*

Map ID **13**

VISTA Address*: **VACANT BUILDING**
1347 PARK ST
ALAMEDA, CA 94501

VISTA ID#: 8590393
Distance/Direction: 0.20 MI / S
Plotted as: Point

STATE UST - State Underground Storage Tank / SRC# 5275 | EPA/Agency ID: N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	VACANT BUILDING 1347 PARK ST ALAMEDA, CA		
Facility ID:	01-2386		
Leak Report Date:	11/21/95		
Leak Cause:	UNKNOWN		
Leak Source:	UNKNOWN		
Substance:	DIESEL		
Remediation Event:	STOP DATE:HOW STOPPED:ENFORCEMENT:ENFORCEMENT DATE:		
Remediation Status:	PRELIMINARY SITE ASSESSMENT UNDERWAY		
Media Affected:	SOIL ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 7/7/98		
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01-2386		
Leak Report Date:	11/21/95		
Substance:	DIESEL		
Remediation Status:	PRELIMINARY SITE ASSESSMENT UNDERWAY		
Media Affected:	SOIL ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:		

VISTA Address*:	OWNER/OPERATOR SCHILLER CLEMENT ALAMEDA, CA 94501	VISTA ID#:	8573845
		Distance/Direction:	0.20 MI / NE
		Plotted as:	Point

Map ID **14A**

STATE UST - State Underground Storage Tank / SRC# 5275			EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE			
Underground Tanks:	1			
Aboveground Tanks:	NOT REPORTED			
Tanks Removed:	NOT REPORTED			
Tank ID:	010060U	Tank Status:	OTHER	
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE	
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE	
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE	
STATE UST - State Underground Storage Tank / SRC# 5275			EPA/Agency ID:	N/A
Agency Address:	OWNER/OPERATOR MULBERRY ST CLEMENT ALAMEDA, CA 94501			
Underground Tanks:	2			
Aboveground Tanks:	NOT REPORTED			
Tanks Removed:	NOT REPORTED			

Tank ID:	*010060U*	**Tank Status:**	*OTHER*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A
Agency Address:	*OWNER/OPERATOR 2310 CLEMENT AVE ALAMEDA, CA 94501*		
Underground Tanks:	*NOT REPORTED*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		

Tank ID:	*010060U*	**Tank Status:**	*OTHER*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

VISTA Address*:	**CELIA HARRIS TRUST 2521 CENTRAL ALAMEDA, CA 94501**	VISTA ID#: Distance/Direction: Plotted as:	4222471 0.22 MI / S Point

Map ID **15**

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	*SAME AS ABOVE*		
Underground Tanks:	*1*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		

Tank ID:	*510062U*	**Tank Status:**	*CLOSED REMOVED*
Tank Contents:	*OIL(NOT SPECIFIED)*	**Leak Monitoring:**	*Agency Code (')*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*BARE STEEL*
Tank Size (Units):	*1500 (GALLONS)*	**Tank Material:**	*BARE STEEL*

STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A
Agency Address:	*CELIA HARRIS TRUST 2521 CENTRAL AVE ALAMEDA, CA 94501*		
Underground Tanks:	*NOT REPORTED*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		

Tank ID:	*510062U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	*CELIA HARRIS TRUST 2521 CENTRAL AVE ALAMEDA, CA*		
Facility ID:	*01-1750*		
Leak Report Date:	*4/30/93*		
Contamination Confirmed Date:	*5/4/93*		
Case Closed Date:	*6/26/93*		

Leak Cause:	UNKNOWN
Leak Source:	TANK
Substance:	DIESEL
Remediation Event:	EXCAVATE AND DISPOSE
Remediation Event:	STOP DATE: 4/3/93HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 5/4/93
Remediation Status:	CASE CLOSED
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/18/93

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 | EPA/Agency ID: N/A

Agency Address:	CELIA HARRIS TRUST 2521 CENTRAL AVE ALAMEDA, CA 94501
Facility ID:	01-1750
Leak Report Date:	04/30/93
Contamination Confirmed Date:	05/04/93
Case Closed Date:	06/26/93
Substance:	DIESEL
Remediation Event:	EXCAVATE AND DISPOSE
Remediation Status:	CASE CLOSED
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:

VISTA Address*:	CLEMENT AVENUE PROJECT 2235 CLEMENT AVE ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	1145638 0.23 MI / N Point

Map ID **16A**

STATE UST - State Underground Storage Tank / SRC# 5275 | EPA/Agency ID: N/A

Agency Address:	CLEMENT AVENUE PROPERTY 2241 CLEMENT AVE ALAMEDA, CA 94501
Underground Tanks:	NOT REPORTED
Aboveground Tanks:	NOT REPORTED
Tanks Removed:	NOT REPORTED

Tank ID:	T001U	Tank Status:	REMOVED
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428 | EPA/Agency ID: N/A

Agency Address:	CLEMENT AVENUE PROJECT 2241 CLEMENT AVE ALAMEDA, CA
Facility ID:	01-0429
Leak Report Date:	5/11/89
Case Closed Date:	3/16/96

Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*WASTE OIL*
Remediation Event:	*STOP DATE: 5/19/89HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/7/96*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	*CLEMENT AVENUE PROJECT 2241 CLEMENT AVE ALAMEDA, CA 94501*		
Facility ID:	*01-0429*		
Leak Report Date:	*05/11/89*		
Case Closed Date:	*03/16/96*		
Substance:	*WASTE OIL*		
Remediation Status:	*CASE CLOSED*		
Media Affected:	*SOIL ONLY*		
Lead Agency:	*LOCAL AGENCY*		
Region / District:	*SAN FRANCISCO BAY RE*		
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*		

VISTA Address*:	**RELIANCE SHEET STRIP COMPANY 2235 CLEMENT ALAMEDA, CA 94501**	VISTA ID#: Distance/Direction: Plotted as:	1228566 0.25 MI / N Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A

Map ID **16B**

Agency Address:	*SAME AS ABOVE*		
Underground Tanks:	*1*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*NOT REPORTED*		
Tank ID:	*T001U*	**Tank Status:**	*CLOSED REMOVED*
Tank Contents:	*LEADED GAS*	**Leak Monitoring:**	*Agency Code (')*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*UNKNOWN*
Tank Size (Units):	*1 (GALLONS)*	**Tank Material:**	*BARE STEEL*

VISTA Address*:	**ALAMEDA CITY UNIFIED SCH DIST 2200 CENTRAL AVE ALAMEDA, CA 94501**	VISTA ID#: Distance/Direction: Plotted as:	10274 0.23 MI / W Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A

Map ID **17**

Agency Address:	*ALAMEDA UNIFIED SCHOOL DISTRICT 2200 CENTRAL AVE ALAMEDA, CA*
Facility ID:	*01-0043*
Leak Report Date:	*7/10/92*
Site Assessment Began:	*7/24/92*
Contamination Confirmed Date:	*8/31/92*

Case Closed Date:	*8/11/93*
Leak Cause:	*CORROSION*
Leak Source:	*TANK*
Substance:	*DIESEL*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Event:	*STOP DATE: 1/10/92HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 8/31/92*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 11/18/93*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 | EPA/Agency ID: | N/A

Agency Address:	*ALAMEDA UNIFIED SCHOOL DISTRIC* *2200 CENTRAL AVE* *ALAMEDA, CA 94501*
Facility ID:	*01-0043*
Leak Report Date:	*07/10/92*
Site Assessment Began:	*07/24/92*
Contamination Confirmed Date:	*08/31/92*
Case Closed Date:	*08/11/93*
Substance:	*DIESEL*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	**HISTORIC ALAMEDA HIGH SCHOOL** **2200 CENTRAL AVE** **ALAMEDA, CA 94501**	VISTA ID#:	8574503
		Distance/Direction:	0.23 MI / W
		Plotted as:	Point

Map ID **17**

STATE UST - State Underground Storage Tank / SRC# 5275 | EPA/Agency ID: | N/A

Agency Address:	*SAME AS ABOVE*
Underground Tanks:	*NOT REPORTED*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*T001U*	**Tank Status:**	*REMOVED*
Tank Contents:	*NOT AVAILABLE*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*NOT AVAILABLE*

VISTA Address*:	HISTORIC ALAMEDA HIGH SCHOOL 2200 CENTRAL ALAMEDA, CA 94501	VISTA ID#:	3781271	Map ID
		Distance/Direction:	0.23 MI / W	17
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	2		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	T001U	Tank Status:	CLOSED REMOVED
Tank Contents:	OIL(NOT SPECIFIED)	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	BARE STEEL
Tank Size (Units):	2500 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	T001U	Tank Status:	CLOSED REMOVED
Tank Contents:	OIL(NOT SPECIFIED)	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	BARE STEEL
Tank Size (Units):	2500 (GALLONS)	Tank Material:	BARE STEEL

VISTA Address*:	RON GOODE TOYOTA 2424 CLEMENT ALAMEDA, CA 94501	VISTA ID#:	4022257	Map ID
		Distance/Direction:	0.23 MI / NE	18A
		Plotted as:	Point	

STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Underground Tanks:	2		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	T001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNKNOWN	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	3000 (GALLONS)	Tank Material:	UNKNOWN
Tank ID:	T001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNKNOWN	Leak Monitoring:	Agency Code (")
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	4000 (GALLONS)	Tank Material:	UNKNOWN

STATE UST - State Underground Storage Tank / SRC# 5275		EPA/Agency ID:	N/A
Agency Address:	RON GOODE TOYOTA, INC. 2424 CLEMENT AVE ALAMEDA, CA 94501		
Underground Tanks:	NOT REPORTED		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	T001U	Tank Status:	REMOVED
Tank Contents:	NOT AVAILABLE	Leak Monitoring:	NOT AVAILABLE
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	ALAMEDA COLLISION REPAIR INC 1911 PARK ST ALAMEDA, CA 94501	VISTA ID#:	10268	Map ID 18B
		Distance/Direction:	0.24 MI / NE	
		Plotted as:	Point	

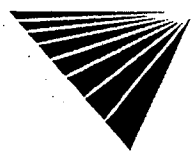
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	*ALAMEDA COLLISION 1911 PARK ST ALAMEDA, CA*		
Facility ID:	*01-0042*		
Leak Report Date:	*6/20/88*		
Site Assessment Plan Submitted:	*12/18/92*		
Case Closed Date:	*6/2/94*		
Leak Cause:	*STRUCTURE FAILURE*		
Leak Source:	*TANK*		
Substance:	*GASOLINE*		
Remediation Event:	*NO ACTION TAKEN*		
Remediation Event:	*STOP DATE: 6/20/88HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*		
Remediation Status:	*CASE CLOSED*		
Media Affected:	*OTHER GROUND WATER*		
Lead Agency:	*LOCAL AGENCY*		
Region / District:	*SAN FRANCISCO BAY RE*		
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 12/13/94*		

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	*ALAMEDA COLLISION 1911 PARK ST ALAMEDA, CA 94501*		
Facility ID:	*01-0042*		
Leak Report Date:	*06/20/88*		
Site Assessment Plan Submitted:	*12/18/92*		
Case Closed Date:	*06/02/94*		
Substance:	*GASOLINE*		
Remediation Event:	*NO ACTION TAKEN*		
Remediation Status:	*CASE CLOSED*		
Media Affected:	*OTHER GROUND WATER*		
Lead Agency:	*LOCAL AGENCY*		
Region / District:	*SAN FRANCISCO BAY RE*		
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*		

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	PARK ST LANDING 2301 BLANDING ALAMEDA, CA 94501	VISTA ID#:	4222386	Map ID 14
		Distance/Direction:	0.29 MI / NE	
		Plotted as:	Point	

CORTESE / SRC# 4840		Agency ID:	01-1703
Agency Address:	*SAME AS ABOVE*		
List Name:	*LEAKING TANK*		
Site ID:	*01-1703*		



*** VISTA address includes enhanced city and ZIP.**
For more information call VISTA Information Solutions, Inc. at **1 - 800 - 767 - 0403.**
Report ID: **839301903** Date of Report: **January 21, 2000**

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	PARK ST LANDING 2301 BLANDING AVE ALAMEDA, CA		
Facility ID:	01-1703		
Leak Report Date:	6/25/90		
Leak Cause:	UNKNOWN		
Leak Source:	UNKNOWN		
Substance:	WASTE OIL		
Remediation Event:	NO ACTION TAKEN		
Remediation Event:	STOP DATE: 6/25/90HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:		
Remediation Status:	LEAK IS SUSPECTED AT SIGHT, BUT NOT CONF		
Media Affected:	SOIL ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 7/13/93		

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	PARK ST LANDING 2301 BLANDING AVE ALAMEDA, CA 94501		
Facility ID:	01-1703		
Leak Report Date:	06/25/90		
Substance:	WASTE OIL		
Remediation Event:	NO ACTION TAKEN		
Remediation Status:	LEAK IS SUSPECTED AT SIGHT, BUT NOT CONF		
Media Affected:	SOIL ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:		

VISTA Address*:	FOX PROPERTY 2229 CLEMENT AVE ALAMEDA, CA 94501	VISTA ID#:	6531934
		Distance/Direction:	0.25 MI / N
		Plotted as:	Point

Map ID 16

STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A
Agency Address:	FOX PROPERTY 2229 CLEMENT AVE ALAMEDA, CA		
Facility ID:	0150274		
Remediation Status:	INACTIVE		
Description / Comment:	FAC COUNTY: ALAMEDA		

VISTA Address*:	ALAMEDA LOCK GLASS 2301 ENCINAL AVE ALAMEDA, CA 94501	VISTA ID#:	8576918
		Distance/Direction:	0.27 MI / SW
		Plotted as:	Point

Map ID 19

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	ALAMEDA LOCK GLASS 2301 ENCINAL AVE ALAMEDA, CA		
Facility ID:	01-2384		

Leak Report Date:	*5/2/96*
Leak Cause:	*UNKNOWN*
Leak Source:	*UNKNOWN*
Substance:	*GASOLINE*
Remediation Event:	*STOP DATE:HOW STOPPED:ENFORCEMENT:ENFORCEMENT DATE:*
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 12/12/97*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-2384*
Leak Report Date:	*05/02/96*
Substance:	*GASOLINE*
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	**ALAMEDA FIRE DEPARTMENT** **2401 ENCINAL AVE** **ALAMEDA, CA 94501**	VISTA ID#:	4222555
		Distance/Direction:	0.28 MI / S
		Plotted as:	Point

Map ID **20**

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A

Agency Address:	*ALAMEDA FIRE DEPARTMENT* *2401 ENCINAL AVE* *ALAMEDA, CA*
Facility ID:	*01-1708*
Leak Report Date:	*8/22/90*
Contamination Confirmed Date:	*4/27/92*
Case Closed Date:	*6/9/93*
Leak Cause:	*UNKNOWN*
Leak Source:	*TANK*
Substance:	*DIESEL*
Remediation Event:	*EXCAVATE AND TREAT*
Remediation Event:	*STOP DATE: 6/1/90HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 4/27/92*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/18/93*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-1708*
Leak Report Date:	*08/22/90*

Contamination Confirmed Date:	*04/27/92*
Case Closed Date:	*06/09/93*
Substance:	*DIESEL*
Remediation Event:	*EXCAVATE AND TREAT*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	VISTA ID#:	1584361
ALAMEDA CELLARS **2425 ENCINAL** **ALAMEDA, CA 94501**	Distance/Direction:	0.29 MI / S
	Plotted as:	Point

Map ID **20**

CORTESE / SRC# 4840 — Agency ID: 01-0039

Agency Address:	*ALAMEDA CELLARS* *2425 ENCINAL* *ALAMEDA, CA*
List Name:	*LEAKING TANK*
Site ID:	*01-0039*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428 — EPA/Agency ID: N/A

Agency Address:	*ALAMEDA CELLARS* *2425 ENCINAL AVE* *ALAMEDA, CA*
Facility ID:	*01-0039*
Leak Report Date:	*11/1/95*
Contamination Confirmed Date:	*4/27/92*
Case Closed Date:	*8/12/99*
Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*GASOLINE*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Event:	*STOP DATE: 3/1/90HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 4/27/92*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 9/8/99*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 — EPA/Agency ID: N/A

Agency Address:	*ALAMEDA CELLARS* *2425 ENCINAL AVE* *ALAMEDA, CA 94501*
Facility ID:	*01-0039*
Leak Report Date:	*11/01/95*
Contamination Confirmed Date:	*04/27/92*
Case Closed Date:	*08/12/99*
Substance:	*GASOLINE*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Status:	*CASE CLOSED*

Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:		VISTA ID#:	Map ID
ALLIED ENGINEERING AND PROD CO **2421 BLANDING AVE** **ALAMEDA, CA 94501**		13043	**21**
		Distance/Direction: 0.30 MI / NE	
		Plotted as: Point	
STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A
Agency Address:	*ALLIED ENGINEERING PRODUCT CORP* *2421 BLANDING AVE* *ALAMEDA, CA*		
Facility ID:	*01S0055*		
Remediation Status:	*INACTIVE*		
Description / Comment:	*FAC COUNTY: ALAMEDA*		

VISTA Address*:		VISTA ID#:	Map ID
ALAMEDA ELECTRIC **2420 BLANDING** **ALAMEDA, CA 94501**		3781216	**21**
		Distance/Direction: 0.31 MI / NE	
		Plotted as: Point	
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	*ALAMEDA ELECTRIC* *2420 BLANDING AVE* *ALAMEDA, CA*		
Facility ID:	*01-0294*		
Leak Report Date:	*6/2/92*		
Contamination Confirmed Date:	*12/16/92*		
Case Closed Date:	*6/2/93*		
Leak Cause:	*STRUCTURE FAILURE*		
Leak Source:	*TANK*		
Substance:	*GASOLINE*		
Remediation Event:	*EXCAVATE AND DISPOSE*		
Remediation Event:	*STOP DATE: 6/2/92HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 12/16/92*		
Remediation Status:	*CASE CLOSED*		
Media Affected:	*OTHER GROUND WATER*		
Lead Agency:	*LOCAL AGENCY*		
Region / District:	*SAN FRANCISCO BAY RE*		
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/18/93*		
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	*ALAMEDA ELECTRIC* *2420 BLANDING AVE* *ALAMEDA, CA 94501*		
Facility ID:	*01-0294*		
Leak Report Date:	*06/02/92*		
Contamination Confirmed Date:	*12/16/92*		
Case Closed Date:	*06/02/93*		
Substance:	*GASOLINE*		
Remediation Event:	*EXCAVATE AND DISPOSE*		
Remediation Status:	*CASE CLOSED*		

Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	**DOLLRES STAUDENRAUS** **2424 BLANDING AVE** **ALAMEDA, CA 94501**	VISTA ID#:	6669292	Map ID **21**
		Distance/Direction:	0.31 MI / NE	
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	*DOLORES STAUNDENRAUS* *2424 BLANDING AVE* *ALAMEDA, CA*	
Facility ID:	*01-2169*	
Leak Report Date:	*4/26/95*	
Contamination Confirmed Date:	*9/24/96*	
Case Closed Date:	*10/29/96*	
Leak Cause:	*UNKNOWN*	
Leak Source:	*UNKNOWN*	
Substance:	*GASOLINE*	
Remediation Event:	*EXCAVATE AND DISPOSE*	
Remediation Event:	*STOP DATE: 2/23/93HOW STOPPED: CLOSE TANKENFORCEMENT:ENFORCEMENT DATE:*	
Remediation Status:	*CASE CLOSED*	
Media Affected:	*SOIL ONLY*	
Lead Agency:	*LOCAL AGENCY*	
Region / District:	*SAN FRANCISCO BAY RE*	
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 11/6/96*	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	*DOLORES STAUNDENRAUS* *2424 BLANDING AVE* *ALAMEDA, CA 94501*	
Facility ID:	*01-2169*	
Leak Report Date:	*04/26/95*	
Contamination Confirmed Date:	*09/24/96*	
Case Closed Date:	*10/29/96*	
Substance:	*GASOLINE*	
Remediation Event:	*EXCAVATE AND DISPOSE*	
Remediation Status:	*CASE CLOSED*	
Media Affected:	*SOIL ONLY*	
Lead Agency:	*LOCAL AGENCY*	
Region / District:	*SAN FRANCISCO BAY RE*	
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*	

VISTA Address*:	GHIDELLA RESIDENCE 2110 SANTA CLARA AVE ALAMEDA, CA 94501	VISTA ID#:	11499306	Map ID 22
		Distance/Direction:	0.30 MI / W	
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	GHIDELLA RESIDENCE 2110 SANTA CLARA AVE ALAMEDA, CA		
Facility ID:	01-1992		
Leak Report Date:	5/5/94		
Site Assessment Plan Submitted:	12/29/94		
Case Closed Date:	6/27/95		
Leak Source:	UNKNOWN		
Substance:	DIESEL		
Remediation Event:	STOP DATE:HOW STOPPED:ENFORCEMENT: NONE TAKENENFORCEMENT DATE:		
Remediation Status:	CASE CLOSED		
Media Affected:	SOIL ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 7/3/95		
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01-1992		
Leak Report Date:	05/05/94		
Site Assessment Plan Submitted:	12/29/94		
Case Closed Date:	06/27/95		
Substance:	DIESEL		
Remediation Status:	CASE CLOSED		
Media Affected:	SOIL ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:		

VISTA Address*:	ARCO 1260 PARK ST ALAMEDA, CA 94501	VISTA ID#:	1587496	Map ID 23
		Distance/Direction:	0.33 MI / SW	
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A
Agency Address:	ARCO 1260 PARK ST ALAMEDA, CA		
Facility ID:	01-0090		
Leak Report Date:	7/31/90		
Site Assessment Plan Submitted:	1/2/91		
Leak Cause:	SPILL		
Leak Source:	UNKNOWN		
Substance:	GASOLINE		
Remediation Event:	STOP DATE: 11/30/93HOW STOPPED: OTHER MEANSENFORCEMENT: NONE TAKENENFORCEMENT DATE:		
Remediation Status:	POST REMEDIAL ACTION UNDERWAY		

Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET: ENCINALREVIEW DATE: 3/30/99*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-0090*
Leak Report Date:	*07/31/90*
Site Assessment Plan Submitted:	*01/02/91*
Substance:	*GASOLINE*
Remediation Status:	*POST REMEDIAL ACTION UNDERWAY*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET: ENCINALREVIEW DATE:*

VISTA Address*:	**ARCO** **1260 PARK** **ALAMEDA, CA 94501**	VISTA ID#:	7429314
		Distance/Direction:	0.33 MI / SW
		Plotted as:	Point
CORTESE / SRC# 4840		Agency ID:	01-0090

Map ID **23**

Agency Address:	*SAME AS ABOVE*
List Name:	*LEAKING TANK*
Site ID:	*01-0090*

VISTA Address*:	**ALAMEDA UNIFIED SCHOOL DISTRIC** **2615 EAGLE AVE** **ALAMEDA, CA 94501**	VISTA ID#:	1254196
		Distance/Direction:	0.34 MI / E
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A

Map ID **24**

Agency Address:	*ALAMEDA UNIFIED SCHOOL DISTRICT* *2615 EAGLE AVE* *ALAMEDA, CA*
Facility ID:	*01-0797*
Leak Report Date:	*12/31/91*
Contamination Confirmed Date:	*7/7/92*
Case Closed Date:	*8/11/93*
Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*GASOLINE*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Event:	*STOP DATE: 12/31/91HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 7/7/92*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 11/18/93*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE	
Facility ID:	01-0797	
Leak Report Date:	12/31/91	
Contamination Confirmed Date:	07/07/92	
Case Closed Date:	08/11/93	
Substance:	GASOLINE	
Remediation Event:	EXCAVATE AND DISPOSE	
Remediation Status:	CASE CLOSED	
Media Affected:	SOIL ONLY	
Lead Agency:	LOCAL AGENCY	
Region / District:	SAN FRANCISCO BAY RE	
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:	

VISTA Address*:	CAMISA BROS ROOFING 1901 BROADWAY ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	11498549 0.37 MI / E Point	Map ID 25

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE	
Facility ID:	01-2087	
Leak Report Date:	04/29/94	
Case Closed Date:	08/09/95	
Substance:	GASOLINE	
Remediation Status:	CASE CLOSED	
Media Affected:	OTHER GROUND WATER	
Lead Agency:	LOCAL AGENCY	
Region / District:	SAN FRANCISCO BAY RE	
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:	

VISTA Address*:	CAMISA BROS ROOFING 1901 BROADWAY ALAMEDA, CA 94501	VISTA ID#: Distance/Direction: Plotted as:	5520262 0.37 MI / E Point	Map ID 25

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	CAMISA BROS ROOFING 1901 BROADWAY ALAMEDA, CA	
Facility ID:	01-2087	
Leak Report Date:	4/29/94	
Case Closed Date:	8/9/95	
Leak Cause:	UNKNOWN	
Leak Source:	UNKNOWN	
Substance:	GASOLINE	
Remediation Event:	STOP DATE: 4/28/94HOW STOPPED: OTHER MEANSENFORCEMENT:ENFORCEMENT DATE:	
Remediation Status:	CASE CLOSED	
Media Affected:	OTHER GROUND WATER	

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/7/96*

VISTA Address*:	**PACIFIC BELL (Q3-004)** **2100 CENTRAL** **ALAMEDA, CA 94501**	VISTA ID#:	315062
		Distance/Direction:	0.37 MI / W
		Plotted as:	Point

Map ID **26**

CORTESE / SRC# 4840 — Agency ID: 01-1135

Agency Address:	*PACIFIC BELL* *2100 CENTRAL* *ALAMEDA, CA*
List Name:	*LEAKING TANK*
Site ID:	*01-1135*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428 — EPA/Agency ID: N/A

Agency Address:	*PACIFIC BELL* *2100 CENTRAL AVE* *ALAMEDA, CA*
Facility ID:	*01-1135*
Leak Report Date:	*8/7/86*
Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*DIESEL*
Remediation Event:	*NO ACTION TAKEN*
Remediation Event:	*STOP DATE: 8/7/86HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*LEAK IS SUSPECTED AT SIGHT, BUT NOT CONF*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 2/3/93*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545 — EPA/Agency ID: N/A

Agency Address:	*PACIFIC BELL* *2100 CENTRAL AVE* *ALAMEDA, CA 94501*
Facility ID:	*01-1135*
Leak Report Date:	*08/07/86*
Substance:	*DIESEL*
Remediation Event:	*NO ACTION TAKEN*
Remediation Status:	*LEAK IS SUSPECTED AT SIGHT, BUT NOT CONF*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

Site Assessment Plan Submitted:	1/24/92
Case Closed Date:	6/29/94
Leak Cause:	STRUCTURE FAILURE
Leak Source:	TANK
Substance:	DIESEL
Remediation Event:	EXCAVATE AND DISPOSE
Remediation Event:	STOP DATE: 11/6/91HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 7/20/92
Remediation Status:	CASE CLOSED
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET: 7TH ST EREVIEW DATE: 7/8/94

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	RIGHT AWAY READY MIX INC 401 KENNEDY ST OAKLAND, CA 94606	
Facility ID:	01-1241	
Leak Report Date:	11/01/91	
Site Assessment Plan Submitted:	01/24/92	
Case Closed Date:	06/29/94	
Substance:	DIESEL	
Remediation Event:	EXCAVATE AND DISPOSE	
Remediation Status:	CASE CLOSED	
Media Affected:	OTHER GROUND WATER	
Lead Agency:	LOCAL AGENCY	
Region / District:	SAN FRANCISCO BAY RE	
Description / Comment:	COUNTY: ALAMEDAXSTREET: 7TH ST EREVIEW DATE:	

VISTA Address*:	RHODES JAMIESON BATCH PLA 333 KENNEDY OAKLAND, CA 94606	VISTA ID#: Distance/Direction: Plotted as:	1585693 0.50 MI / NE Point

Map ID **28**

CORTESE / SRC# 4840	Agency ID:	01-1238
Agency Address:	RHODES JAMIESON BATCH PLA 333 KENNEDY OAKLAND, CA	
List Name:	LEAKING TANK	
Site ID:	01-1238	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	RHODES JAMIESON BATCH PLANT 333 KENNEDY ST OAKLAND, CA	
Facility ID:	01-1238	
Leak Report Date:	8/8/85	
Site Assessment Began:	10/30/85	
Pollution Characterization Date:	11/30/85	
Leak Cause:	STRUCTURE FAILURE	
Leak Source:	TANK	
Substance:	DIESEL	

Remediation Event:	*STOP DATE: 8/8/85HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*POLLUTION CHARACTERIZATION*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 9/13/94*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	*RHODES JAMIESON BATCH PLANT 333 KENNEDY ST. OAKLAND, CA 94612*	
Facility ID:	*01-1238*	
Leak Report Date:	*08/08/85*	
Site Assessment Began:	*10/30/85*	
Pollution Characterization Date:	*11/30/85*	
Substance:	*DIESEL*	
Remediation Status:	*POLLUTION CHARACTERIZATION*	
Media Affected:	*OTHER GROUND WATER*	
Lead Agency:	*LOCAL AGENCY*	
Region / District:	*SAN FRANCISCO BAY RE*	
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*	

VISTA Address*:	**CHEVRON 333 23RD AVE OAKLAND, CA 94606**	VISTA ID#:	3867311
		Distance/Direction:	0.49 MI / NE
		Plotted as:	Point

Map ID **29**

STATE LUST - State Leaking Underground Storage Tank / SRC# 6271	EPA/Agency ID:	N/A
Agency Address:	*LIVERMORE ARCADE SHOPPING CENTER 1ST P ST LIVERMORE, CA*	
Facility ID:	*01S0216*	
Remediation Status:	*INACTIVE*	
Description / Comment:	*FAC COUNTY: ALAMEDA*	

STATE LUST - State Leaking Underground Storage Tank / SRC# 6271	EPA/Agency ID:	N/A
Agency Address:	*CHEVRON 333 23RD AVE OAKLAND, CA*	
Facility ID:	*01S0218*	
Remediation Status:	*INACTIVE*	
Description / Comment:	*FAC COUNTY: ALAMEDA*	

VISTA Address*:	**GOLDEN WEST ENVIRONMENTAL SERV 2017 CENTRAL AVE ALAMEDA, CA 94501**	VISTA ID#:	4222470
		Distance/Direction:	0.49 MI / W
		Plotted as:	Point

Map ID **30**

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A
Agency Address:	*GOLDEN WEST ENV SERVICES 2017 CENTRAL AVE ALAMEDA, CA*	
Facility ID:	*01-1746*	
Leak Report Date:	*6/25/92*	
Contamination Confirmed Date:	*5/4/93*	

Case Closed Date:	*1/28/94*
Leak Cause:	*UNKNOWN*
Leak Source:	*TANK*
Substance:	*DIESEL*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Event:	*STOP DATE: 6/25/92HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 5/4/93*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 12/13/94*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	**EPA/Agency ID:**	N/A

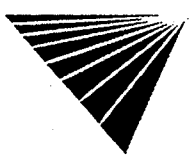
Agency Address:	*GOLDEN WEST ENV SERVICES* *2017 CENTRAL AVE* *ALAMEDA, CA 94501*
Facility ID:	*01-1746*
Leak Report Date:	*06/25/92*
Contamination Confirmed Date:	*05/04/93*
Case Closed Date:	*01/28/94*
Substance:	*DIESEL*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Status:	*CASE CLOSED*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

VISTA Address*:	AMERICAN NATIONAL CAN CO. 3801 E. 8TH ST OAKLAND, CA 94601	VISTA ID#: Distance/Direction: Plotted as:	481033 0.99 MI / E Point	Map ID 31

CORRACTS / SRC# 6379		EPA ID:	CAD009162116
Agency Address:	*AMERICAN CAN PACKAGING INC 3801 E 8TH ST OAKLAND, CA 94604*		
Prioritization Status:	*MEDIUM*		
RCRA Facility Assessment Completed:	*YES*		
Notice of Contamination:	*NO*		
Determination of need For a RFI (RCRA Facility Investigation):	*NO*		
RFI Imposed:	*YES*		
RFI Workplan Notice of Deficiency Issued:	*NO*		
RFI Workplan Approved:	*NO*		
RFI Report Received:	*NO*		
RFI Approved:	*YES*		
No Further Corrective Action at this Time:	*NO*		
Stabilization Mesaures Evaluation:	*YES*		
CMS (Corrective Measure Study) Imposition:	*NO*		
CMS Workplan Approved:	*NO*		
CMS Report Received:	*NO*		
CMS Approved:	*NO*		
Date for Remedy Selection (CM Imposed):	*NO*		
Corrective Measures Design Approved:	*NO*		
Corrective Measures Investigation Workplan Approved:	*NO*		
Certification of Remedy Completion:	*NO*		
Stabilization Measures Implementation:	*YES*		
Stabilization Measures Completed:	*YES*		
Corrective Action Process Termination:	*NO*		

RCRA-TSD CORRACTS / SRC# 6379		EPA ID:	CAD009162116
Agency Address:	*AMERICAN CAN PACKAGING INC 3801 E 8TH ST OAKLAND, CA 94604*		
Off-Site Waste Received:	*NO*		
Land Disposal:	*NO*		
Incinerator:	*NO*		
Storage/Treatment:	*NO*		



*** VISTA address includes enhanced city and ZIP.**
For more information call VISTA Information Solutions, Inc. at **1 - 800 - 767 - 0403.**
Report ID: **839301903** Date of Report: **January 21, 2000**

UNMAPPED SITES

VISTA Address*:	NCPA TODD SHIPYARD 0 UNKNOWN ALAMEDA, CA 94501	VISTA ID#:	12713938
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A

Agency Address:	SAME AS ABOVE
Facility ID:	01-1035
Leak Report Date:	07/28/86
Site Assessment Began:	12/30/85
Substance:	MISC MOTOR VEHICLE FUELS
Remediation Event:	NO ACTION TAKEN
Remediation Status:	PRELIMINARY SITE ASSESSMENT UNDERWAY
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:

VISTA Address*:	ALAMEDA NAVAL AIR STATION 0 UNKNOWN ALAMEDA, CA 94501	VISTA ID#:	12713937
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545		EPA/Agency ID:	N/A

Agency Address:	SAME AS ABOVE
Facility ID:	01-0050
Leak Report Date:	07/27/87
Substance:	MISC MOTOR VEHICLE FUELS
Remediation Event:	NO ACTION TAKEN
Remediation Status:	NO ACTION
Media Affected:	UNDEFINED
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:

VISTA Address*:	ALAMEDA NAVAL AIR STATION 0 UNKNOWN ALAMEDA, CA	VISTA ID#:	12666629
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A

Agency Address:	SAME AS ABOVE
Facility ID:	01-0050
Leak Report Date:	7/27/87
Leak Cause:	STRUCTURE FAILURE
Leak Source:	TANK
Substance:	MISC MOTOR VEHICLE FUELS
Remediation Event:	NO ACTION TAKEN
Remediation Event:	STOP DATE: 7/27/87HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:
Remediation Status:	NO ACTION
Media Affected:	UNDEFINED

Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/24/94

VISTA Address*:	ROADWAY EXPRESS,INC 1125 27TH AVE OAKLAND, CA	VISTA ID#:	7291475
STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A

Agency Address:	SAME AS ABOVE
Facility ID:	01S0449
Remediation Status:	INACTIVE
Description / Comment:	FAC COUNTY: ALAMEDA

VISTA Address*:	NCPA TODD SHIPYARD 0 UNKNOWN ALAMEDA, CA	VISTA ID#:	12666650
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A

Agency Address:	SAME AS ABOVE
Facility ID:	01-1035
Leak Report Date:	7/28/86
Site Assessment Began:	12/30/85
Leak Cause:	STRUCTURE FAILURE
Leak Source:	TANK
Substance:	MISC MOTOR VEHICLE FUELS
Remediation Event:	NO ACTION TAKEN
Remediation Event:	STOP DATE: 7/28/86HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:
Remediation Status:	PRELIMINARY SITE ASSESSMENT UNDERWAY
Media Affected:	OTHER GROUND WATER
Lead Agency:	LOCAL AGENCY
Region / District:	SAN FRANCISCO BAY RE
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE: 8/24/94

VISTA Address*:	GALLAGHER BURKE INC 7100 BOUNTAIN BLVD OAKLAND, CA 94623	VISTA ID#:	247661
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A

Agency Address:	GALLAGHER BURKE 7100 MOUNTAIN BLVD OAKLAND, CA
Facility ID:	01-1236
Leak Report Date:	10/22/92
Contamination Confirmed Date:	12/23/92
Case Closed Date:	6/1/95
Leak Cause:	STRUCTURE FAILURE
Leak Source:	TANK
Substance:	DIESEL

Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Event:	*STOP DATE: 10/22/93HOW STOPPED: CLOSE TANKENFORCEMENT: WARNINGENFORCEMENT DATE: 12/23/92*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 7/3/95*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A

Agency Address:	*GALLAGHER BURKE* *7100 MOUNTAIN BLVD* *OAKLAND, CA 94605*
Facility ID:	*01-1236*
Leak Report Date:	*10/22/92*
Contamination Confirmed Date:	*12/23/92*
Case Closed Date:	*06/01/95*
Substance:	*DIESEL*
Remediation Event:	*EXCAVATE AND DISPOSE*
Remediation Status:	*CASE CLOSED*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	**EAST BAY SERVICE ROAD TENT** **0 BAY BRIDGE TOLL PLZ** **OAKLAND, CA**	VISTA ID#:	12666907

STATE LUST - State Leaking Underground Storage Tank / SRC# 6428	EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-1990*
Leak Report Date:	*8/10/94*
Contamination Confirmed Date:	*1/25/96*
Leak Cause:	*UNKNOWN*
Leak Source:	*UNKNOWN*
Substance:	*KEROSENE*
Remediation Event:	*STOP DATE: 7/22/94HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 2/24/98*

STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A

Agency Address:	*EAST BAY SERVICE ROAD TENT* *0 BAY BRIDGE TOLL PLZ* *OAKLAND, CA 94607*
Facility ID:	*01-1990*
Leak Report Date:	*08/10/94*
Contamination Confirmed Date:	*01/25/96*

Substance:	*KEROSENE*
Remediation Status:	*PRELIMINARY SITE ASSESSMENT UNDERWAY*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE:*

VISTA Address*:	**EAST BAY REGIONAL PARK DISTRICT** **0 TILDEN PARK** **OAKLAND, CA**	VISTA ID#:	12667445
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-0534*
Leak Report Date:	*3/24/88*
Case Closed Date:	*7/26/88*
Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*MISC MOTOR VEHICLE FUELS*
Remediation Event:	*NO ACTION TAKEN*
Remediation Event:	*STOP DATE: 3/24/88HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*CASE CLOSED*
Media Affected:	*UNDEFINED*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 7/26/88*

VISTA Address*:	**7** **0 L 827 TRACON** **OAKLAND, CA**	VISTA ID#:	12667122
STATE LUST - State Leaking Underground Storage Tank / SRC# 6428		EPA/Agency ID:	N/A

Agency Address:	*SAME AS ABOVE*
Facility ID:	*01-Q606*
Leak Report Date:	*7/30/91*
Leak Cause:	*STRUCTURE FAILURE*
Leak Source:	*TANK*
Substance:	*DIESEL*
Remediation Event:	*NO ACTION TAKEN*
Remediation Event:	*STOP DATE: 7/30/91HOW STOPPED: CLOSE TANKENFORCEMENT: NONE TAKENENFORCEMENT DATE:*
Remediation Status:	*LEAK IS SUSPECTED AT SIGHT, BUT NOT CONF*
Media Affected:	*OTHER GROUND WATER*
Lead Agency:	*LOCAL AGENCY*
Region / District:	*SAN FRANCISCO BAY RE*
Description / Comment:	*COUNTY: ALAMEDAXSTREET:REVIEW DATE: 10/9/91*

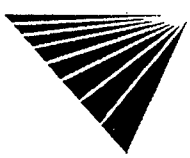
STATE LUST - State Leaking Underground Storage Tank / SRC# 6545	EPA/Agency ID:	N/A
Agency Address:	7 0 L 827 TRACON OAKLAND, CA 94621	
Facility ID:	01-0606	
Leak Report Date:	07/30/91	
Substance:	DIESEL	
Remediation Event:	NO ACTION TAKEN	
Remediation Status:	LEAK IS SUSPECTED AT SIGHT, BUT NOT CONF	
Media Affected:	OTHER GROUND WATER	
Lead Agency:	LOCAL AGENCY	
Region / District:	SAN FRANCISCO BAY RE	
Description / Comment:	COUNTY: ALAMEDAXSTREET:REVIEW DATE:	

VISTA Address*:	HAYWARD LIMITED 30104 INDUSTRIAL PKWY SW HAYWARD, CA	VISTA ID#:	7291068
STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01S0493		
Remediation Status:	ACTIVE		
Description / Comment:	FAC COUNTY: ALAMEDA		

VISTA Address*:	UPTOWN THEATER DISTRICT UNKNOWN OAKLAND, CA	VISTA ID#:	12714497
STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01S0520		
Remediation Status:	ACTIVE		
Description / Comment:	FAC COUNTY: ALAMEDA		

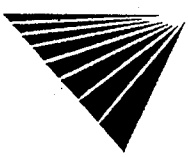
VISTA Address*:	OH OLSEN 2220 4TH ST BERKELEY, CA	VISTA ID#:	7291419
STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01S0490		
Remediation Status:	ACTIVE		
Description / Comment:	FAC COUNTY: ALAMEDA		

VISTA Address*:	OAKLAND INTERNATIONAL AIRPORT OAKLAND INTERNATIONAL AIRPORT OAKLAND, CA	VISTA ID#:	7291755
STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	01S0487		



Remediation Status:	*INACTIVE*
Description / Comment:	*FAC COUNTY: ALAMEDA*

VISTA Address*:	**UNION POINT WATERFRONT PARK 2301 EMBARCADERO ST OAKLAND, CA**	VISTA ID#:	12714405
STATE LUST - State Leaking Underground Storage Tank / SRC# 6271		EPA/Agency ID:	N/A
Agency Address:	*SAME AS ABOVE*		
Facility ID:	*01S0521*		
Remediation Status:	*ACTIVE*		
Description / Comment:	*FAC COUNTY: ALAMEDA*		



SITE ASSESSMENT PLUS REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 6476

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for NPL was November, 1999.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL
SRC#: 6282

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Calsites Database: Annual Workplan Sites was July, 1999.

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. The agency may be contacted at: 916-323-3400.

CORRACTS
SRC#: 6379

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for HWDMS/RCRIS was September, 1999.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 6474

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was October, 1999.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List(NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activiles or events at the site, financial funding information for the events, and unrestricted enforcement activities.

Cal Cerclis
SRC#: 2462

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Ca Cerclis w/Regional Utility Description was June, 1995.

This database is provided by the U.S. Environmental Protection Agency, Region 9. The agency may be contacted at: . These are regional utility descriptions for California CERCLIS sites.

NFRAP
SRC#: 6475

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for CERCLIS-NFRAP was October, 1999.**

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SCL
SRC#: 6281

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was July, 1999.**

This database is provided by the Department of Toxic Substances Control. The agency may be contacted at: .

The CalSites database includes both known and potential sites. Two- thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.

RCRA-TSD
SRC#: 6379

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for HWDMS/RCRIS was September, 1999.**

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 Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF
SRC#: 5945

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for City of Los Angeles Landfills was April, 1999.**

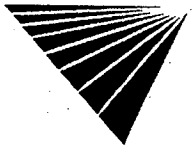
This database is provided by the City of Los Angeles, Environmental Affais Department. The agency may be contacted at: 213-580-1070.

SWLF
SRC#: 6544

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Ca Solid Waste Information System (SWIS) was November, 1999.**

This database is provided by the Integrated Waste Management Board. The agency may be contacted at: 916-255-4021.

The California Solid Waste Information System (SWIS) database consists of both open as well as closed and inactive solid waste disposal facilities and transfer stations pursuant to the Solid Waste Management and Resource Recovery Act of 1972, Government Code Section 2.66790(b). Generally, the California Integrated Waste Management Board learns of locations of disposal facilities through permit applications and from local enforcement agencies.



WMUDS
SRC#: 5857

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Waste Management Unit Database System (WMUDS) was February, 1999.**

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-892-0323. This is used for program tracking and inventory of waste management units. This system contains information from: Facility, Waste Management Unit, SWAT Program and Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA and RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).

The WMUDS system also accesses information from the following databases from the Waste Discharger System (WDS): Inspections, Violations, and Enforcements. The sites contained in these databases are subject to the California Code of Regulations - Title 23. Waters.

LUST
SRC#: 6271

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Region #2-North and South Bay SLIC Report was July, 1999.**

This database is provided by the Regional Water Quality Control Board, Region #2. The agency may be contacted at: 510-286-1269.

LUST RG6
SRC#: 6275

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Lahontan Region LUST List was August, 1999.**

This database is provided by the Lahontan Region Six South Lake Tahoe. The agency may be contacted at: 530-542-5400.

LUST RG2
SRC#: 6428

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Region #2-San Francisco Bay Fuel Leaks List was September, 1999.**

This database is provided by the Regional Water Quality Control Board, Region #2. The agency may be contacted at: 510-286-1269.

LUST RG5
SRC#: 6443

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Region #5-Central Valley Undergound Tank Tracking System was September, 1999.**

This database is provided by the Regional Water Quality Control Board, Region #5. The agency may be contacted at: 916-255-3125.

LUST
SRC#: 6527

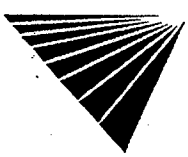
VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Region #5-Central Valley SLIC\DOD\DOE List was September, 1999.**

This database is provided by the Regional Water Quality Control Board, Region #5. The agency may be contacted at: 916-255-3000.

LUST
SRC#: 6545

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Lust Information System (LUSTIS) was October, 1999.**

This database is provided by the California Environmental Protection Agency. The agency may be contacted at: 916-445-6532.



CORTESE
SRC#: 4840

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Cortese List-Hazardous Waste Substance Site List was April, 1998.**

This database is provided by the Office of Environmental Protection, Office of Hazardous Materials. The agency may be contacted at: 916-445-6532.

The California Governor's Office of Planning and Research annually publishes a listing of potential and confirmed hazardous waste sites throughout the State of California under Government Code Section 65962.5. This database (CORTESE) is based on input from the following: (1)CALSITES-Department of Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board; (6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air; (9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Rule (Chemical Manufacturers); (12)WB-LF- Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.

Deed Restrictions
SRC#: 1703

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Deed Restriction Properties Report was April, 1994.**

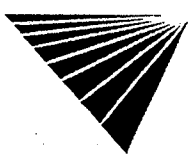
This database is provided by the Department of Health Services-Land Use and Air Assessment. The agency may be contacted at: 916-255-2014. These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".

California has a statutory and administrative procedure under which the California Department of Health Services (DHS) may designate real property as either a "Hazardous Waste Property" or a "Border Zone Property" pursuant to California Health Safety Code Sections 25220-25241. Hazardous Waste Property is land at which hazardous waste has been deposited, creating a significant existing or potential hazard to public health and safety. A Border Zone Property is one within 2,000 feet of a hazardous waste deposit. Property within either category is restricted in use, unless a written variance is obtained from DHS. A Hazardous Waste Property designation results in a prohibition of new uses, other than a modification or expansion of an industrial or manufacturing facility on land previously owned by the facility prior to January 1, 1981. A Border Zone Property designation results in prohibition of a variety of uses involving human habitation, hospitals, schools and day care center.

Toxic Pits
SRC#: 2229

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for Summary of Toxic Pits Cleanup Facilities was February, 1995.**

This database is provided by the Water Quality Control Board, Division of Loans Grants. The agency may be contacted at: 916-227-4396.



North Bay
SRC#: 1718

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for North Bay County Toxic List-Region #2 Surface Spills was April, 1994.**

This database is provided by the Regional Water Quality Control Board, Region #2. The agency may be contacted at: .

South Bay
SRC#: 1719

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for South Bay Site Management System was April, 1994.**

This database is provided by the San Francisco Bay Region. The agency may be contacted at: .

Water Wells
SRC#: 5384

VISTA conducts a database search to identify all sites within 1/2 mile of your property. **The agency release date for USGS WATER WELLS was March, 1998.**

The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database contains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used, or otherwise had reason to document through the course of research. The agency may be contacted at 703-648-6819.

C) DATABASES SEARCHED TO 1/4 MILE

RCRA-Viols/Enf

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for HWDMS/RCRIS was September, 1999.**

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 Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Violators are facilities which have been cited for RCRA Violations at least once since 1980. RCRA Enforcements are enforcement actions taken against RCRA violators.

UST's
SRC#: 1612

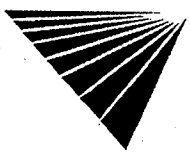
VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Underground Storage Tank Registrations Database was January, 1994.**

This database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks. The agency may be contacted at: 916-227-4364; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST's
SRC#: 5275

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Alameda County UST List was September, 1998.**

This database is provided by the Department of Environmental Health. The agency may be contacted at: 510-567-6700; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.



UST's
SRC#: 5674

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for City of San Leandro UST Listing was January, 1999.**

This database is provided by the San Leandro Fire Department. The agency may be contacted at: 510-577-3331; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST's
SRC#: 6115

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for City of Union Underground Storage Tanks List was July, 1999.**

This database is provided by the Union City Fire Department. The agency may be contacted at: 510-471-1424; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST's
SRC#: 6249

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for City of Oakland Underground Storage Tank List was April, 1999.**

This database is provided by the City of Oaklan Fire Department, Office of Emergency Services. The agency may be contacted at: 510-238-3938; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST's
SRC#: 6430

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for City of Berkeley UST List was August, 1999.**

This database is provided by the City of Berkeley. The agency may be contacted at: 510-705-8152; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST's
SRC#: 6529

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for City of Hayward UST Report was September, 1999.**

This database is provided by the City of Hayward Fire Department. The agency may be contacted at: 510-583-4900; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST's
SRC#: 6535

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for City of Livermore and City of Pleasanton UST List was October, 1999.**

This database is provided by the City of Livermore Fire Department. The agency may be contacted at: 925-454-2361; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

AST's
SRC#: 5513

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Aboveground Storage Tank Database was December, 1998.**

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-227-4364.

TRIS
SRC#: 4946

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for TRIS was January, 1998.

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities(Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS
SRC#: 6181

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for was August, 1999.

The Emergency Response Notification System (ERNS) is a national database containing records from October 1986 to the release date above and is used to collect information for reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of Transportation. The ERNS hotline number is (202) 260-2342.

RCRA-LgGen
SRC#: 6379

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for HWDMS/RCRIS was September, 1999.

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 Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRA-SmGen
SRC#: 6379

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for HWDMS/RCRIS was September, 1999.

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 Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report

SANBORN MAP LEGEND

CODING OF FIRE-RESISTIVE STRUCTURAL UNITS FOR FIREPROOF AND NON-COMBUSTIBLE BUILDINGS

FRAMING

CODE	STRUCTURAL UNIT
	Reinforced Concrete Frame.
	Reinforced Concrete Joists, Columns, Beams, Trusses, Arches. Masonry Piers.
	Protected Steel Frame.
	Individually Protected Steel Joists, Columns, Beams, Trusses, Arches.
	Indirectly Protected Steel Frame.
	Indirectly Protected Steel Joists, Columns, Beams, Trusses, Arches.
	Unprotected Steel Frame.
	Unprotected Steel Joists, Columns, Beams, Trusses, Arches.
	Masonry Bearing Walls only.

FLOORS

CODE	STRUCTURAL UNIT
1.	Reinforced Concrete. Reinforced Concrete with Masonry Units. Pre-cast Concrete or Gypsum Slabs or Planks.
2.	Concrete or Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
3.	Open Steel Deck or Grating.

ROOF

CODE	STRUCTURAL UNIT
a.	Reinforced Concrete. Reinforced Concrete with Masonry Units. Reinforced Gypsum Concrete. Pre-cast Concrete or Gypsum Slabs or Planks.
b.	Concrete or Gypsum on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
c. or	Incombustible Composition Boards with or without Insulation. Masonry or Metal Tiles.
d.	Steel Deck, Corrugated Metal or Asbestos Protected Metal with or without Insulation.

The coding to the left, for framing, floor and roof structural units is used in describing the construction of fire-resistive buildings. In addition, reports for fire-resistive buildings will show the date built, wall construction other than brick, and ceilings.

FP - 1962 (CONC.) A-1-a — A fireproof building built in 1962 with concrete walls and reinforced concrete frame, floors and roof.

FPX - BRK (METAL PANELS) B-2-a (MASONRY WALLS) — A fireproof building built in 1962 with metal panel walls, reinforced concrete columns and beams, concrete walls on metal lath and gypsum slab roof; noncombustible ceilings.

NC - 1962 (C. BL.) H-2-d — A non combustible building built in 1962 with concrete block walls; unprotected steel columns, beams and joists; concrete floors on metal lath and steel deck roof.

MASONRY CONSTRUCTION

Important interior and all exterior masonry walls of all non-residential buildings and residential buildings of five or more dwelling units are shown with weighted (—) lines.

Masonry walls of residential buildings of four dwelling units or less are shown in a standard line and the construction is noted on all buildings diagramed after July, 1963.

WALLS

- 8" Brick
- 12" Concrete
- 18" & 20" Stone
- 12" & 8" Hollow Tile Wall Thicknesses Placed Relative to Respective Floors
- Cinder, Concrete or Cement Brick
- Hollow Cinder or Concrete Blocks, Pilastered
- Mixed Construction of Concrete Blocks, Brick Faced
- Mixed Construction of Concrete Blocks and Brick
- Masonry Walls, Metal Faced
- Adobe
- Hollow Cinder or Concrete Block Interior Wall Basement to Roof
- Tile Interior Wall Basement to Roof
- Cement Brick End Wall

PARTITIONS

- Frame
- Tile from Foundation to Top Ceiling only
- Concrete First Floor only
- Hollow Cinder or Concrete Block 1st Floor only
- Brick 2nd Floor only
- Tile 1st & 3rd Floor only

OPENINGS

(Interior)

- Wall with No Openings
- Wall with Double Standard Fire Doors 1st Floor
- Wall with Standard Fire Door Basement
- Wall with Substandard Fire Doors 1st & 3rd Floors
- Wall with Metal & Wired Glass Fire Doors all Floors
- Wall with Substandard Fire Doors 1st, 2nd & 3rd Floors & Unprotected Opening 4th Floor
- Wall with Small Unprotected Openings only
- Wall with Unprotected Openings all Floors

(Exterior)

- 1st Floor
- 1st & 2nd Floors
- 3rd Floor
- 1st & 4th Fl. with Metal Shutter 1st.
- 10th& 22nd only
- 10th & 22nd Fl.
- Glass Block
- Wired Glass in Metal Sash 2nd & 3rd Fl.

NON-MASONRY CONSTRUCTION

Non-masonry walls are shown with fine(——) lines.
(Walls construction other than wood and stucco on wood frame is noted)

- Wood & Stucco & Cement Plaster, Etc. on Wood Frame
- Brick Veneered on Wood Frame (Other Types of Veneered on Wood Frame Specifically Noted)
- Mixed Masonry & Non-Masonry(Type of Masonry Specifically Noted)
- Wood, Brick Lined, Br., Filled & Brick Nogged
- Wood & Sash Glass
- Metal & Sash Glass
- Metal Clad on Wood Frame
- Iron Building
- Iron Building with Wood Roof. (Location of Extensive Wood Areas Specifically noted)
- Asbestos Clad on Wood Frame, Noted in Non-Residential Structures only.
- Mixed Wall--(9" of CB with Metal Sash Above
- Metal Panels
- Apron Walls with wood Sash and Glass
- Stucco, Cement Plaster, Etc. on Steel Frame
- Gunite on Steel Frame
- Asphalt and/or Asbestos Protected Metal on Steel Frame
- Asphalt and/or Asbestos Protected Metal on Wood Frame
- Glass Panels

FIRE PROTECTION

- Fire Department Connection
- Automatic Sprinklers throughout contiguous sections of single risk
- Automatic Sprinklers all floors of building
- Automatic Sprinklers in part of building only (Note under Symbol indicates protected portion of building)
- Not Sprinklered
- Automatic Chemical Sprinklers
- Chemical Sprinklers in part of building only (Note under Symbol indicated protected portion of building)
- Vertical Pipe or Stand Pipe
- Automatic Fire Alarm
- Water Tank
- Outside Vertical Pipe on fire Escape
- Fire Alarm Box Noted "HPFS" on High Pressure Fire Service

- Single Hydrant
- Double Hydrant
- Triple Hydrant
- Quadruple Hydrant of the High Pressure Service
- Water Pipes of the High Pressure Service
- Water Pipes of the High Pressure Service as shown on Key Map
- Public Water Service
- Private Water Service

VERTICAL OPENINGS

- Skylight lighting top story only
- Skylight lighting 3 stories
- Skylight with Wired Glass in Metal Sash
- Open Elevator
- Frame Enclosed Elevator
- Frame Enclosed Elevator with Traps
- Frame Enclosed Elevator with Self Closing Traps
- Concrete Block Enclosed Elevator with Traps
- Tile Enclosed Elevator with self closing Traps
- Brick Enclosed Elevator with wired Glass Door
- Open Hoist
- Hoist with Traps
- Open Hoist Basement to 1st
- Stairs

MISCELLANEOUS

- Number of stories, Height in Feet Composition Roof Covering
- Parapet 6" above Roof Frame Cornice Parapet 12" above Roof
- Parapet 24" above Roof Occupied by Warehouse Metal, Slate, Tile or Asbestos Shingle Roof Covering Parapet 48" above Roof
- 2 Stories & Basement 1st Floor Occupied by Store 2 Residential Units above 1st Auto in Basement Drive or Passageway Wood Shingle Roof.
- Iron Chimney
- Iron Chimney (with spark arrestor)
- Vertical Steam Boiler
- Horizontal Steam Boiler
- Width of Street between Block Lines, not Curb Lines
- Ground Elevation
- House numbers nearest to Buildings are Official or Actually up on Buildings. Old house numbers are farthest from Buildings
- Reference Adjoining Page
- Fire Department as shown on Key Map
- Brick Chimney
- Gasoline Tank
- Fire Pump
- Block Number
- Vac. or V. – Vacant
- Vac. & Op. or V.-O. – Vacant & Open

GLOSSARY

A-B Lines An arbitrary boundary between adjoining sheets.
A Private garage
ABV Above
A.F.A. Equipped with fire detecting devices which automatically signal a central fire department.
AIR COND Air cooling system employing ducts through floors
APRON WALL A masonry wall extending 5' or less above foundation
ASSOC RISK Risk not underwritten by stock Fire Ins. Companies.
BASEMENT A story having its floor below ground and it's ceiling at least 4" above ground Cook County Ill.: A floor of a building next below the first floor. Shown by the symbol B following story height. Sub-basements or sub-cellars. (stories below the first basement), are shown by the symbol SB following basement symbol.
CHIMNEYS (Applicable to maps in Rocky Mountain & Pacific Coast States.)
BC. Brick, stone, concrete brick & concrete chimneys.
C. BL. C. Concrete block chimney
C.C. Non standard concrete chimney
T.C. Tile Chimney
P.C. Patent chimney
IR. CH. Iron chimneys
S.P. Stove pipe
S.P.V. Stove pipe with patent ventilator.

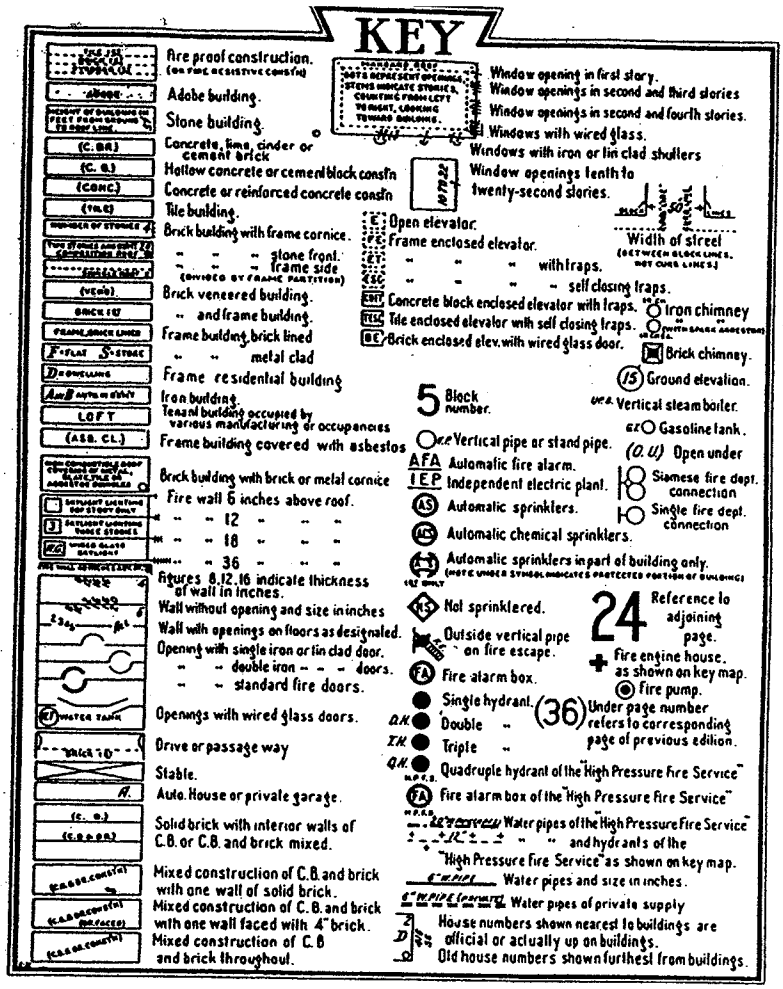
RESIDENTIAL OCCUPANCY SYMBOLS
D Single family unit or as qualified by a numeral.
E. APTS A multi-family residential building corresponding with local Rating Bureau definition in family units per floor, story height, & separation of entrance.
ROOM G A residential Building normally occupied by a single family but with 10 or more rooms rented for lodging purposes.
EXCEPTIONS: 6 rooms in Arizona, California, Nevada, Utah & Montana; 5 rooms in Oregon & Washington; 4 rooms in Idaho & Hawaii.

FIRE RESISTIVE CONSTRUCTION SYMBOLS
F.P. Approved masonry walls, floors & roof, interior supports of approved masonry, concrete and/or protected steel.
F.P.X. F.P. qualifications except inferior or sub-standard walls.
N.C. Fire resistive with unprotected structural steel units
HOLLOW WALL A bonded masonry wall having a continuous air space within.
I.E.P. Independent Electric Plant.
IMPASSABLE Not traversable due to condition of terrain
LEDGED WALL A masonry bearing wall with extended edges to support floors.
LOFT Tenanted by industrial occupancies.
M.L. & P. Concrete or plaster applied to metal lath on wood studdings.
M.S. & G. Metal sash & glass.
NOT OPEN Streets appearing on records but not open on ground.
O.L. Windows overlooking the roof above the corresponding floor of an adjoining building
O.U. Open between ground and first floor.
PILAST'D. Masonry reinforcing columns in walls.
SKYLTS. Skylights.
SL. CL. Slate attached to wood siding.
SM. HO. Smoke House.
STABLE Shown by crossing or diagonal lines on diagram.
SUSP'D Suspended Ceilings below floor and/or roof beams.
SYST. System.
TRANSF. Transformer.
WD. Wood.

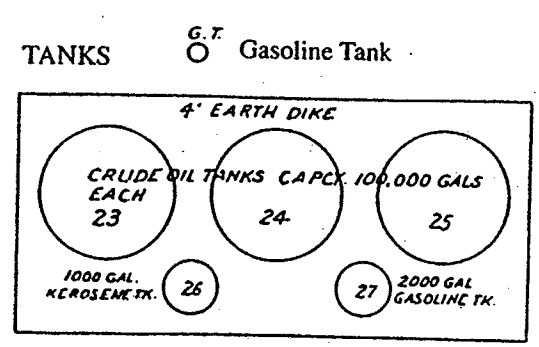
LAND USE APPLICABLE TO CHANGES DIAGRAMMED AFTER 5/59

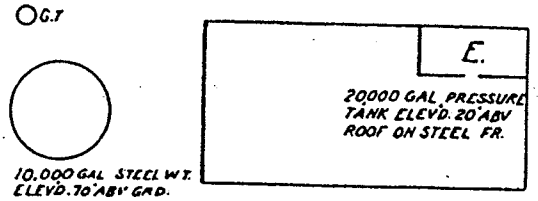
R	RESIDENTIAL	M	MANUFACTURING
RT	RESIDENTIAL-TRANSIENT	P	PUBLIC OR INSTITUTIONAL
C	COMMERCIAL	U	UTILITY
W	WAREHOUSE	T	TRANSPORTATION

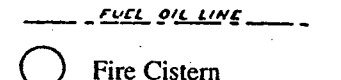
NUMERICAL PREFIX INDICATES THE NUMBER OF ESTABLISHMENTS IN EACH CATEGORY

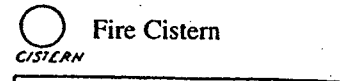


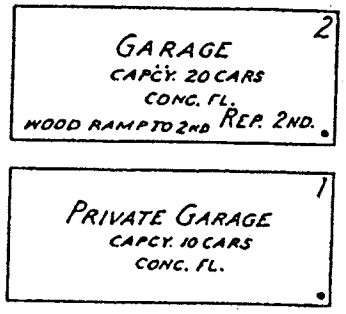
TANKS











CODING OF STRUCTURAL UNITS FOR FIREPROOF AND NON-COMBUSTIBLE BUILDINGS

FRAMING

CODE	STRUCTURAL UNIT
A.	Reinforced Concrete Frame.
B.	Reinforced Concrete Joists, Columns, Beams, Trusses, Arches, Masonry Piers.
C.	Protected Steel Frame.
D.	Individually Protected Steel Joists, Columns, Beams, Trusses, Arches.
E.	Indirectly Protected Steel Frame.
F.	Indirectly Protected Steel Joists, Columns, Beams, Trusses, Arches.
G.	Unprotected Steel Frame.
H.	Unprotected Steel Joists, Columns, Beams, Trusses, Arches.
O.	Masonry Bearing Walls.

FLOORS

CODE	STRUCTURAL UNIT
1.	Reinforced Concrete. Reinforced Concrete with Masonry Units. Pre-cast Concrete or Gypsum Slabs or Planks.
2.	Concrete or Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
3.	Open Steel Deck or Grating.

LAND USE APPLICABLE TO CHANGES DIAGRAMMED AFTER 5/69

R	RESIDENTIAL	M	MANUFACTURING
RT	RESIDENTIAL-TRANSIENT	P	PUBLIC OR INSTITUTIONAL
C	COMMERCIAL	U	UTILITY
W	WAREHOUSE	T	TRANSPORTATION

NUMERICAL PREFIX INDICATES THE NUMBER OF ESTABLISHMENTS IN EACH CATEGORY

ROOF

CODE	STRUCTURAL UNIT
a.	Reinforced Concrete. Reinforced Concrete with Masonry Units. Reinforced Gypsum Concrete. Pre-cast Concrete or Gypsum Slabs or Planks.
b.	Concrete or Gypsum on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
c.	Incombustible Composition Boards with or without Insulation. Masonry or Metal Tiles.
d.	Steel Deck, Corrugated Metal or Asbestos Protected Metal with or without Insulation.

The coding for framing, floor and roof structural units as shown above is used in describing the construction of fire-resistive buildings. In addition, reports for fire resistive buildings will show the date built and wall construction other than brick.

F P Buildings have masonry floors and roof; concrete and/or directly or indirectly protected steel framing; and clay brick, stone or poured concrete walls.

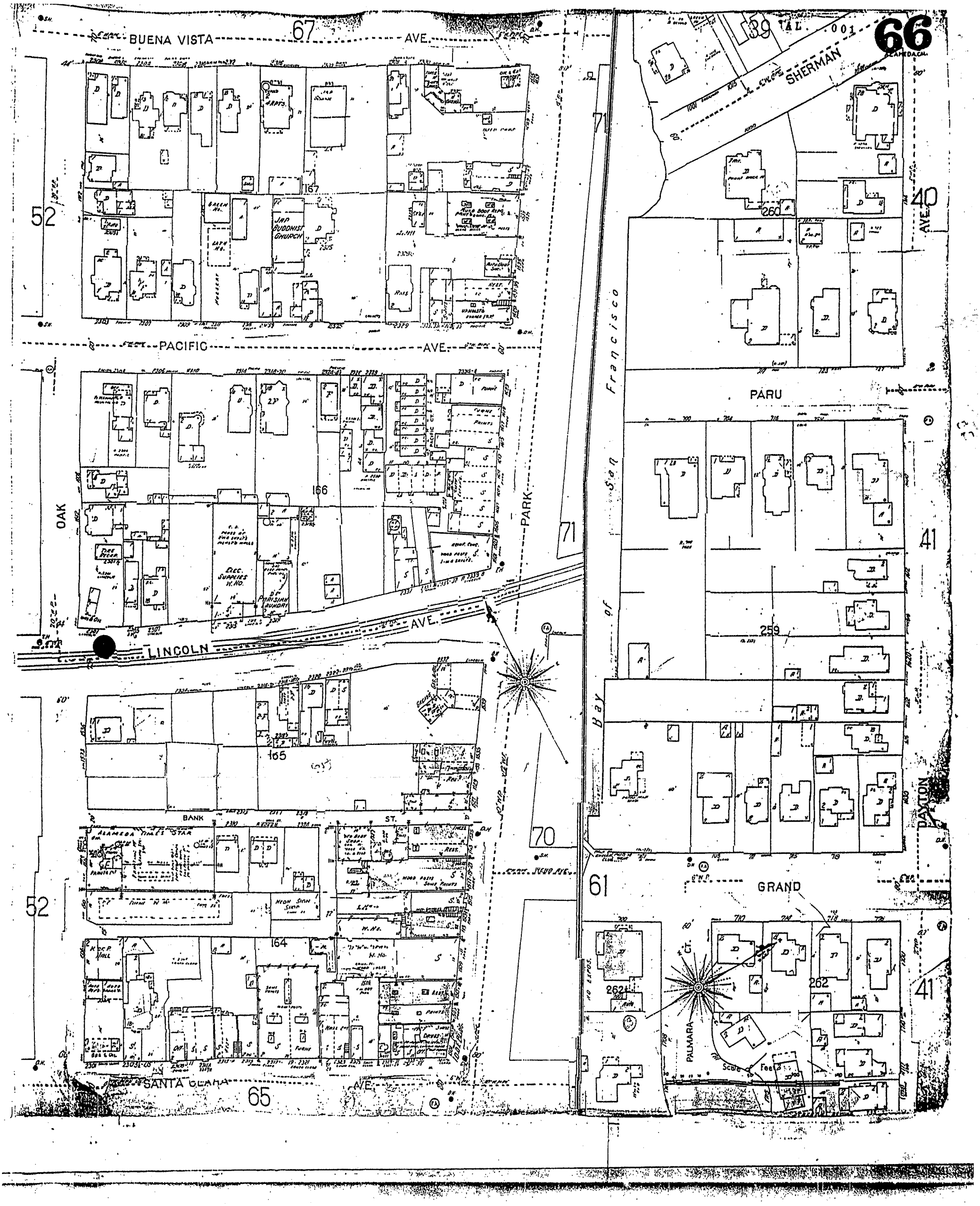
F P X buildings are F P buildings with inferior walls such as concrete block, cement brick, metal or glass panels, etc.

N C buildings have unprotected steel framing and fire-resistive but non-masonry floors and roof.

F P-1962 (CONC.) A-1-a — A fire-resistive building built in 1962 with concrete walls and reinforced concrete frame, floors, and roof.

F P-1962 METAL PANELS E-2-b — A fire-resistive building built in 1962 with metal panel walls, indirectly protected steel frame, concrete floors and roof on metal lath, noncombustible ceilings.

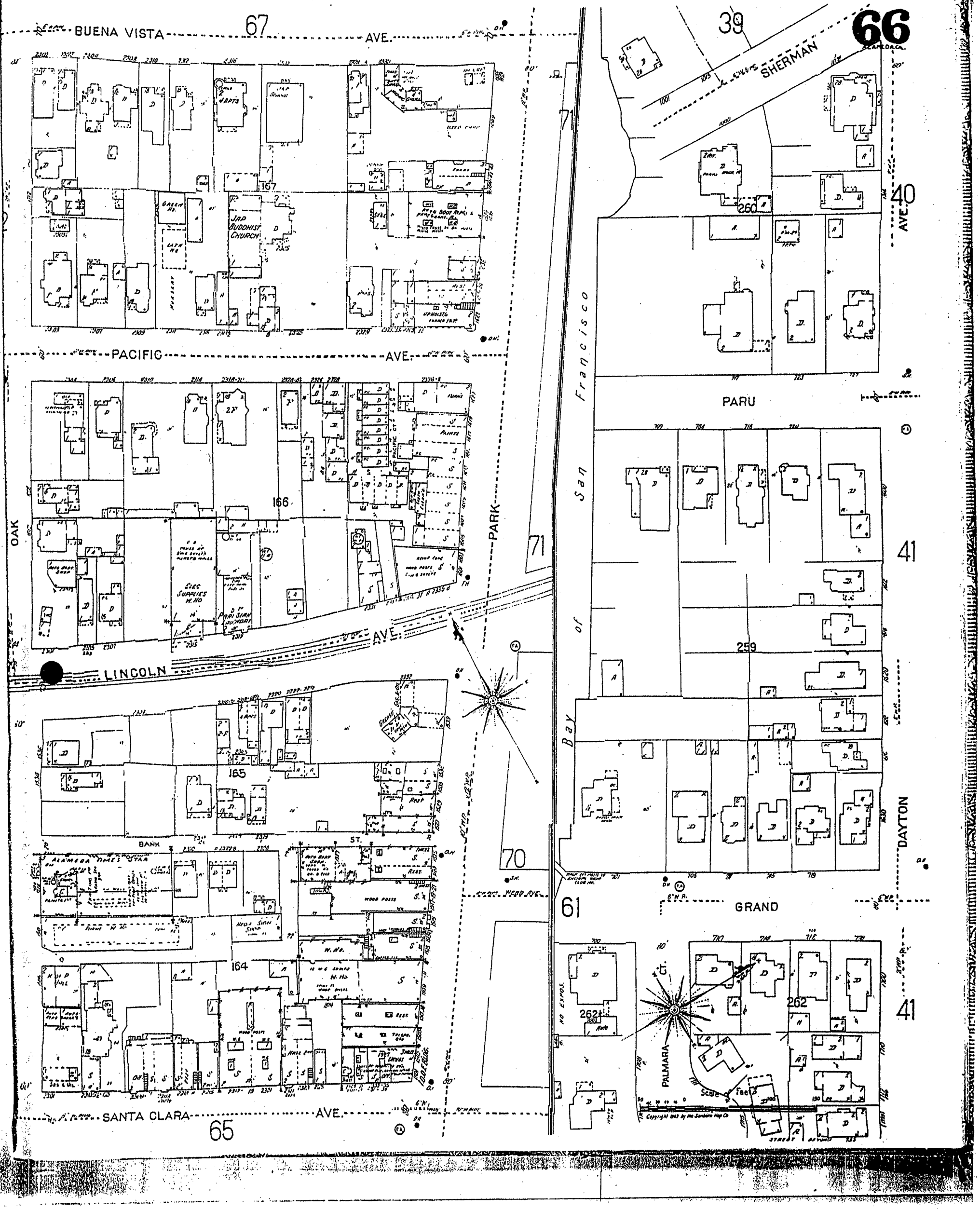
NC-1962 (C.B.) H-2-d — A noncombustible building built in 1962 with concrete block walls; unprotected steel columns and beams; concrete floors on metal lath and steel deck roof.

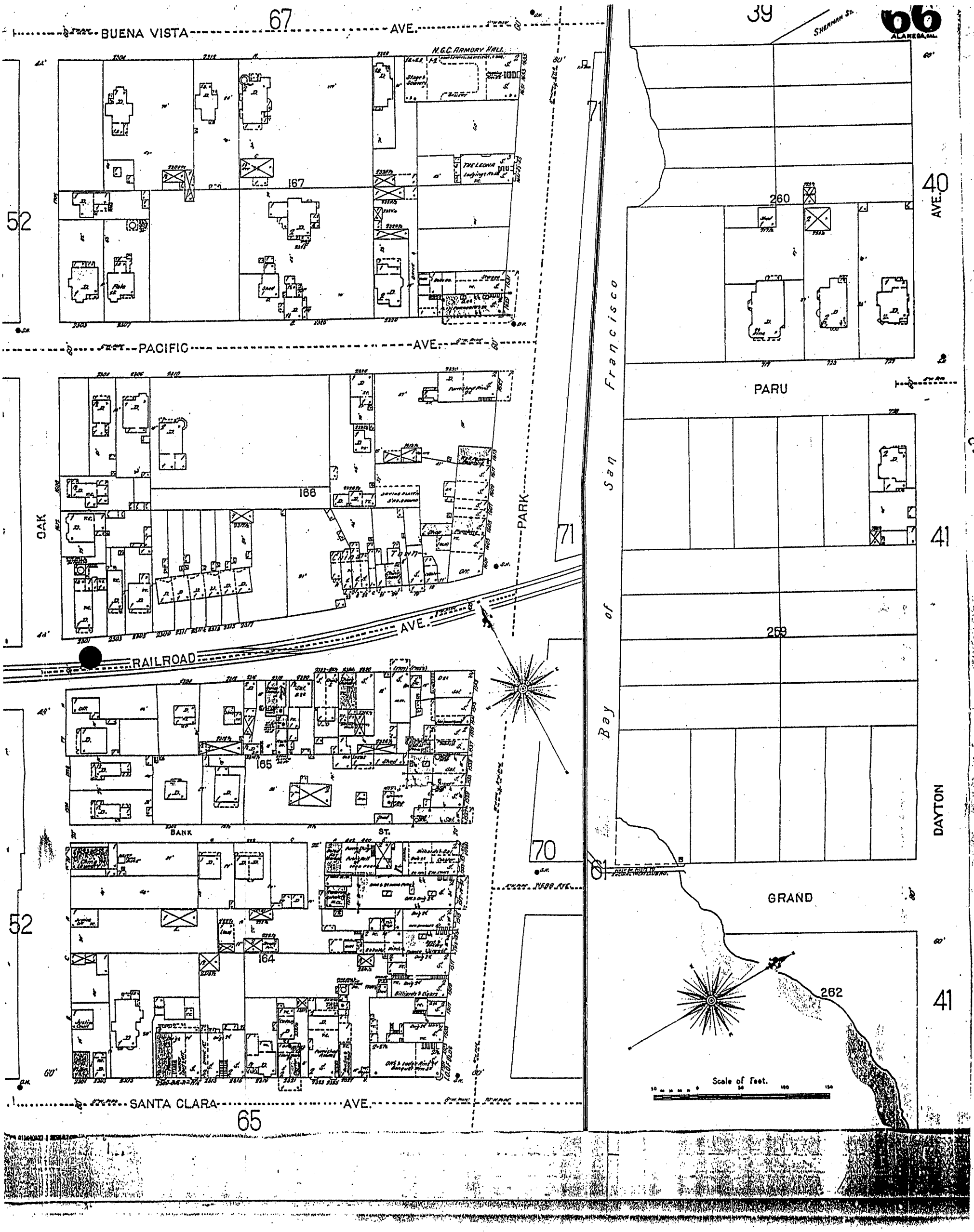


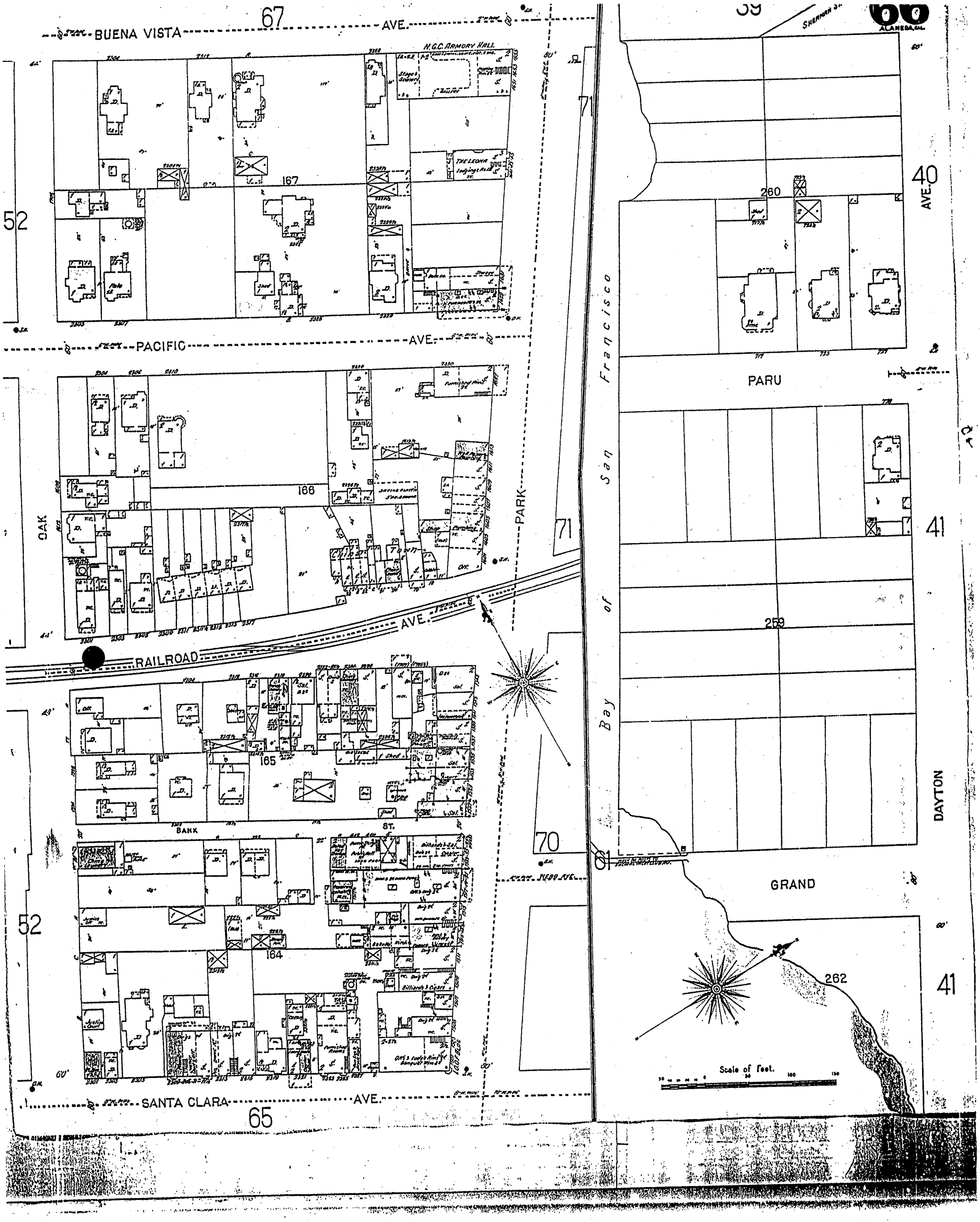
Environmental Risk Information & Imaging Services

505 HUNTMAR PARK DRIVE, SUITE 200 • HERNDON, VA 20170 • 703•834•0600 • 1•800•989•0403 • FAX: 703•834•0606

SANBORN 1950







ATTACHMENT E

Alameda Fire Department Underground Storage Tank Records

City of Alameda • California

November 16, 2001

To: Allan A. Sebanc
10 Stacy Ct.
Hillsborough, Ca, 94010

From: Alameda Fire Prevention Bureau

Re: 2301-2307 Lincoln Ave.

Dear Sir;

I want to apologize for the incorrect information I sent you back in July on the above addresses. Although, we have no record of hazardous material from our office, We have located our files which document tanks that have been removed on the property of 2301 Lincoln.

According to our files for the above addresses, we have a listing of tank removals on the following dates;

8000 gallon tank- June/82
5000 gal. tank-6/82
5000 gal.tank -6/82
5000gallon tank-6/82
560 gal tank-6/82
250gal tank-6/82
250 gal tank-6/82

The Fire Prevention Bureau does not have any records of any Hazardous Material discharge on the above tank removals. Please be advised that the Alameda County Environmental Health department also keeps records of any hazardous materials. For further information please contact our office at 510-749-5885.

Thank You,

Bill Oyas
Fire Inspector

Fire Department
1300 Park Street
Alameda, California 94501

Alameda Fire Department
Prevention Bureau
950 Mall Square
Alameda, CA 94501
(510) 864-3413

Location: N.E. corner Lincoln and Oak

Name: Shell Oil Station

Liquid: Gasoline - 3 tanks - 5,000 gals.

Installation: 2 feet underground, 6" slab

Date Issued: September 30, 1958

Existing Tanks:

Alameda Fire Department
Fire Prevention Bureau
950 Mall Square
Alameda, CA 94501
(510) 864-3413

Tanks removed - June 1982

Location: 2301 Lincoln Ave.

Name: Shell Oil Company

Liquid: Gasoline - 1 tank - 8,000 gals.

Installation: 2 feet underground with 6" concrete slab

Date Issued: April 30, 1970

Existing tanks: 3 - 5,000 gals. each (Gasoline)

Alameda Fire Department
Fire Prevention Bureau
950 Mall Square
Alameda, CA 94501
(510) 864-3413

Location 2301 Lincoln Ave.

Name D.W. Norton

Oil Storage Permit AR No. 801

Liquid Gasoline Gallons 1060

Date Issued Jan. 7,1926 Gauge

Installation 3 Tanks - 250,250,560 Gallons

Inspected By AR

Remarks