

MAY 08 2001

May 2, 2001
1424-4

Mr. Dennis O'Keefe
PULTE HOME CORPORATION
7031 Koll Center Parkway, Suite 150
Pleasanton, California 94566

**RE: PHASE I ENVIRONMENTAL SITE
ASSESSMENT
1274 65TH STREET AND 1269 66TH
STREET
EMERYVILLE, CALIFORNIA**

Dear Mr. O'Keefe:

As requested, we have performed a Phase I environmental site assessment for the site located at 1274 65th Street and 1269 66th Street in Emeryville, California. This report was prepared in accordance with our agreement dated February 13, 2001.

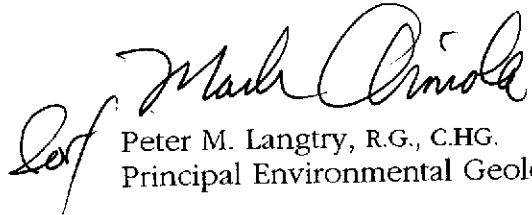
We refer you to the text of the report for details regarding this study. Thank you for choosing us to assist you. If you have any questions, please call and we will be glad to discuss them with you.

Very truly yours,

LOWNEY ASSOCIATES



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Peter M. Langtry, R.G., C.H.G.
Principal Environmental Geologist

RLH:PML:MJA:vh

Copies: Addressee (3)
Alameda County Health Services Agency (1)
Attn: Ms. Susan Hugo
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Attn: Mr. Gerald Tierney

OK, 1424-4 Liquid Sugar Ph I

MAY 08 2001

**Phase I Environmental
Site Assessment and Soil and
Ground Water Quality Evaluation**

1274 65th Street and 1269 66th Street
Emeryville, California

This report has been prepared for:

Pulte Home Corporation


7031 Koll Center Parkway, Suite 150, Pleasanton, California 94566

May 2, 2001

Project No. 1424-4

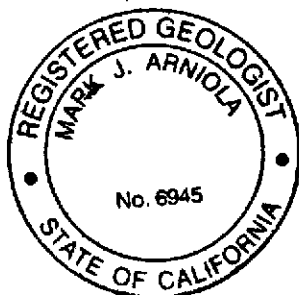


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Mountain View

Oakland

Fullerton

San Ramon

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT AND
SOIL AND GROUND WATER QUALITY EVALUATION
1274 65TH STREET AND 1269 66TH STREET
EMERYVILLE, CALIFORNIA**

1.0 INTRODUCTION

1.1 Purpose

This Phase I environmental site assessment was performed for Pulte Home Corporation, who we understand is considering purchasing and redeveloping 1274 65th Street and 1269 66th Street (site) with multi-family residences.

The purpose of this study was to document environmental concerns at the site related to current and historic chemical use and to evaluate the potential for a release of hazardous materials from on- or off-site sources that could significantly impact the site's soil and/or ground water quality.

1.2 Scope of Work

As requested, the scope of work for this study was performed in general accordance with the American Society for Testing and Materials (ASTM) Designation E 1527-00 as outlined in our agreement dated February 13, 2001. The scope of work included the following tasks.

- ▼ Reconnaissance of the site and drive-by survey of adjacent properties for readily observable indications of current or historic activities that have or could significantly impact the site.
- ▼ Review of readily available topographic maps and reports to evaluate local hydrogeologic conditions including anticipated ground water depth and flow direction.
- ▼ Review of readily available documents, maps, and aerial photographs, and interviews with knowledgeable persons to evaluate past land uses.
- ▼ Review of a regulatory agency database report to evaluate the potential impact to the site from reported contamination incidents at nearby facilities.
- ▼ Review of available regulatory agency files to obtain information about the use and storage of hazardous materials at the site.
- ▼ Collection and analysis of 25 soil samples and five ground water samples.

Our scope of services did not include sampling or analysis of on-site building materials or air. The limitations of this Phase I environmental assessment are presented in Section 9.0; the terms and conditions of our agreement are presented in Appendix A.

2.0 SITE RECONNAISSANCE

2.1 Site Location and Ownership

The approximately 2-acre site, shown in Figures 1 and 2, is located at 1274 65th Street and 1269 66th Street in Emeryville, California and is denoted as assessor's parcel number (APN) 049-1509-023. Additional historical site addresses include 1265, 1275, and 1279 66th Street. The site is located in a commercial/ industrial area and is bounded by 66th Street to the north, railroad tracks to the east, 65th Street to the south, and commercial properties to the west. The site is owned by 6598 Hollis, A California General Partnership.

2.2 Topographic Features and Hydrogeology

Based on U.S. Geologic Survey (USGS) topographic maps, the elevation of the site is approximately 25 to 30 feet above mean sea level. Topography in the vicinity of the site slopes gently to the southwest toward San Francisco Bay. Based on ground water levels encountered during our on-site ground water quality evaluation, the shallow water-bearing zone is encountered at depths of approximately 7 to 20 feet. Ground water beneath the site flows southwest towards the San Francisco Bay.

2.3 Site Visit

Our representative, environmental engineer Ryan Gerber, visited the site on March 5, 2001 and was accompanied by Steve Mooney, representative for the site tenant, Liquid Sugars Incorporated (LSI). At the time of our site visit, the subject property was developed with six industrial buildings utilized primarily by LSI for sugar, corn syrup, and molasses storage and processing.

Exterior areas of the site were paved with concrete. The building in the northwestern corner of the property was utilized primarily as warehouse and contained approximately 200 5-gallon buckets and 200 55-gallon drums of liquid sugar, and 400 sacks of granulated sugar.

Four 66,000-gallon above-ground storage tanks (ASTs) were observed adjacent to the south of the warehouse (Figure 2). Mr. Mooney reported that the ASTs contained liquid sweeteners. Elevated piping was observed in the vicinity of the four ASTs and extended to a building to the east of the ASTs. Storm water drainage trenches, a concrete-lined sump approximately 2 feet deep, and an unlabeled electric transformer (apparently owned by LSI) were observed in the vicinity of the ASTs.

A boiler building was located adjacent to the south of the four ASTs. The building contained three boilers with associated tanks and piping. The boilers apparently were heated by diesel fuel from an AST outside the building. Approximately 20 55-gallon drums, 50 5-gallon buckets, and 10 approximately 200-gallon containers of liquid sweetener also were observed in the building. An unlabeled electric transformer (apparently owned by LSI) was observed mounted on the inside of the northern wall of the boiler building.

An outdoor area containing various materials was observed to the south of the boiler building. Objects observed in this area included: a small air compressor, an approximately 150-gallon diesel AST, a paint can locker, three 30-gallon containers of hydrogen peroxide, 20 55-gallon drums of waste sweetener, three dumpsters, an inactive former liquid sweetener silo, five 55-gallon drums labeled as gear oil, two 5-gallon buckets of petroleum lubricant, three dismantled pumps, various pipes and random materials and machine parts (Figure 2).

A maintenance shop was observed in the southwestern corner of the site (Figure 2). The inside of the shop contained four acetylene tanks, an arc welder, a 5-gallon bucket of motor oil, a small generator, several cans of spray-paint, a 55-gallon drum labeled as "clean rags", and various tools and work benches. A small office and restroom were located in the south side of the building. Approximately 20 55-gallon drums containing waste sweetener were observed near the southeastern corner of the building.

A building that housed several liquid sweetener storage tanks was observed in the southeastern corner of the site. An approximately 2-foot deep concrete-lined sump was located near the southwestern corner of the building. An outdoor area containing approximately 17 liquid sweetener ASTs and related piping and pumps was observed along the eastern side of the site (Figure 2). Shallow storm water drainage trenches were observed in the vicinity of the ASTs. Two sumps, four unlabeled transformers (apparently owned by LSI), a 200-gallon AST of 30 percent sodium hydroxide, and a 100-gallon AST of hydrochloric acid also were observed in the vicinity of the sweetener ASTs.

An approximately 11,000 square-foot building was located to the north of the ASTs and extended to the edge of 66th Street to the north. The building contained approximately 100 55-gallon drums and 500 5-gallon buckets of liquid sweetener. Various sweetener-processing tanks also were observed inside the building. A railroad spur was located on-site along the east side of the building. An office building, an additional sweetener AST, and related piping were located just east of the railroad tracks in the northeastern corner of the site. The office building appeared vacant at the time of our site visit. Three tank rail cars also were observed along the railroad track adjacent to the eastern property boundary.

Additional site features are listed in Table 1.

Table 1. Additional Site Features

Site Features				Comments
Heating/Ventilation/Air Conditioning System	<input checked="" type="checkbox"/>	Natural Gas	<input type="checkbox"/>	Electrical
	<input type="checkbox"/>	Fuel Oil		
Potable Water Supply	<input checked="" type="checkbox"/>	Municipal	<input type="checkbox"/>	On-Site Well
Sewage Disposal System	<input checked="" type="checkbox"/>	POTW	<input type="checkbox"/>	On-Site Septic
High Power Transmission Lines	<input type="checkbox"/>	Present	<input checked="" type="checkbox"/>	Not Observed
Transformers	<input checked="" type="checkbox"/>	Present	<input type="checkbox"/>	Not Observed

2.4 Site Vicinity Reconnaissance

To evaluate adjacent land use, we performed a drive-by survey. Our observations are presented in Table 2. Of the facilities listed in Table 2, the two commercial warehouses, the industrial facility to the south, and Autumn Press Printing may use, handle, and/or store significant quantities of hazardous materials.

Table 2. Adjacent Properties

Land Use	Business Name and Address	Direction from Site
Vacant Building	1266 66 th Street	North
Commercial Warehouse	No observed name or address	Northeast
Partially constructed commercial building	No observed name or address	East
Commercial Warehouse	1263 65 th Street	Southeast
Industrial	No observed name or address	South
Commercial	Autumn Press Printing, 1280 65 th Street	West
Office Space	1285 66 th Street	West

2.5 Interviews

During our study, we contacted Steve Mooney of LSI for general information regarding past and current site usage. Mr. Mooney was asked to complete a questionnaire; a copy of the questionnaire is presented in Appendix B. The above ground storage tanks Mr. Mooney noted on the questionnaire include the liquid sweetener storage tanks and the diesel storage tank on the western side of the property. The boilers were located in the boiler building noted in Section 2.3. The maintenance areas, hazardous materials, railroad lines, sumps and transformers noted in the questionnaire also were described in Section 2.3. Mr. Mooney also reported that two 1,000-gallon gasoline and one 10,000-gallon diesel underground storage tanks (UST) formerly existed on-site in the area south of the boiler building. He reported that the storage tanks were removed in the early 1990s.

John Boshard, representative for the property owner, also was asked to complete a questionnaire. At the time of this report, we had not received the completed questionnaire from Mr. Boshard.

3.0 HISTORICAL REVIEW

3.1 Photograph and Map Review

To evaluate the site history, we reviewed:

- ▼ Available stereo-paired aerial photographs (1930, 1949, 1953, 1959, 1966, 1971, 1975, 1981, 1985, 1990, 1996, 1999) from Pacific Aerial Surveys in Oakland, California.
- ▼ Available USGS 15-minute and 7.5-minute topographic maps (1980).
- ▼ Historic Sanborn fire insurance maps (1903, 1911, 1950, 1952, 1967, 1969, 1980) from Sanborn Mapping and Geographic Information Service (Sanborn GIS) in Pelham, New York.

Our observations are summarized below. Copies of the Sanborn maps are presented in Appendix C.

1903: Seven structures are shown on-site on the 1903 Sanborn map. Two warehouses were shown in the northern portion of the site adjacent to 66th Street (one of the warehouses was labeled as vacant). A windmill and water tank, a warehouse, and a shed were located on the east central portion of the site. In addition, a shed/storage building was located on the west central portion of the site and a residence was located on-site adjacent to 65th Street. A northeast-southwest trending creek was shown crossing the southeast corner of the site. The map noted that the creek was dry during the summer. Portions of the eastern area of the property were not visible on the map. The surrounding areas were in residential use.

1911: Three residences and a shed were shown on the northeastern portion of the site. The shed/storage building on the west central portion of the site was labeled as a "kettle." The creek at the southeast corner was no longer shown on the map. The remainder of the site was similar to the 1903 map. An industrial building (California Sand Factory) with apparent fuel tanks was shown on the adjacent property to the east.

1930: Three on-site commercial/industrial buildings were observed on the 1930 photographs near the northeastern corner of the site, and one building was observed near the southeastern corner of the site. Two apparent sheds also were observed on the photographs: one near the middle of the site, and one on the southwestern corner of the site. A railroad right-of-way was observed along the eastern property boundary of the site. Apparent residential buildings were observed to the west, north and east of the site. Apparent commercial buildings

were observed to the north, east, and southeast of the site. Vacant lots were observed to the northwest and agricultural land was observed to the southwest of the site.

1949, 1950, 1952, 1953, and 1959: The building and shed in the southern portion of the site were no longer shown on the aerial photographs from 1949. An additional building was observed in the southwestern corner of the site. Four apparent on-site ASTs and three small sheds or storage bins were observed along the west side of the site. Two additional ASTs were observed in the northeastern corner of the site in the vicinity of the buildings. Apparent commercial or industrial buildings were observed in all directions from the site, and five apparent ASTs were observed on the adjacent property north of the site.

The building at the north central area of the site was labeled Diamond Alkali Company of California on the 1950 and 1952 maps. Five objects within the building were identified as melting ovens. The central and southern portions of the site were labeled Mohawk Petroleum Corporation. The building at the southwest corner of the site was labeled as an oil warehouse. The aerial photographs from 1959 showed two additional on-site ASTs along the eastern property boundary and one along the western side of the site. Some unidentifiable materials were observed in the northwestern and southern portion of the site. An apparent shed was observed in the southeastern corner of the site, and an apparent train car was observed in the northeastern corner. The adjacent property to the east was labeled as Oliver Tire & Rubber Company (rubber products factory) on the 1950 and 1952 maps.

1960s: The site and vicinity appeared similar on the 1966 aerial photographs to the 1959 photographs. An additional building was shown at the northwest corner of the site on the 1967 and 1969 Sanborn maps. The building was labeled as an automobile repair facility. Two large wooden vats and four additional ASTs were shown on the map to the south of the automobile repair building. Seventeen ASTs were shown at the southeast portion on the site on the 1967 and 1969 Sanborn maps. The tanks were labeled as containing sugar and corn syrup.

1970s: The aerial photographs from 1971 and 1975 appeared similar to the 1969 Sanborn map. Materials were observed in the vicinity of the building in the southwestern corner of the site. An apparent driveway was observed at the middle of the site extending to the north and south. Elevated piping was observed crossing the driveway near the center of the site from an on-site building to a cluster of ASTs along the west side of the property. Additional ASTs were observed on the adjacent property to the south of the site.

1980s: A building was shown on-site in place of four ASTs that existed along the western property boundary in the aerial photographs from 1981 and 1985. The remainder of the site and vicinity appeared similar to the 1975 aerial photographs.

1990s: The site and vicinity appeared similar to the 1985 photographs on the aerial photographs from 1990, 1996, and 1999.

3.2 Previous Environmental Reports

To further evaluate the site history, we reviewed and relied upon the information presented in the reports listed below that were obtained from Pulte Home Corporation and Gribi Associates, the consultant for the owner.

On-site Information

3.2.1 Soil and Groundwater Assessment Report, March 5, 1999

Ten borings were drilled on-site for the collection of soil and/or ground water samples. Soil samples collected from the maintenance shop and boiler room contained total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHmo) at concentrations up to 2,000 parts per million (ppm). Ground water sampled from outside the maintenance shop contained 120,000 parts per billion of TPHd and 2,400 ppb of benzene. A ground water grab sample collected from the boiler room contained 350,000 ppb of TPHd. Up to 2,700 ppb of TPHd were detected in the ground water in two other borings (Aqua Science Engineers, Inc., 1999).

3.2.2 Report Addendum, 1275 66th Street, March 11, 1999

The addendum compared the results of the March 9, 1999 soil and ground water sampling at the off-site 1285 66th Street property (see section 3.2.6) to results from a March 5 1999 report for 1275 66th Street. It was concluded that the source of elevated benzene levels at 1285 66th Street were from an area under the western portion of the boiler room at 1275 66th Street (Aqua Science Engineers, Inc., 1999).

3.2.3 Letter Summarizing Expected Site Closure Activities, June 14, 1999

Letter from consultant for LSI (Gribi Associates) to Susan Hugo of the Alameda County Department of Environmental Health (ACDEH) describing expected site corrective action measures for 1275 66th Street. Planned work included conducting risk assessments for documented releases on the west/northwest and southwest portions of the property, installing two ground water monitoring wells, and conducting quarterly monitoring (Gribi Associates, 1999).

3.2.4 Soil and Ground Water Investigation Report, August 4, 1999

Seven soil borings drilled in May 1999 identified two on-site hydrocarbon-impacted areas: 1) a small (approximately 600 square-foot) area of gasoline-impacted soil and groundwater extending west/northwest of the former location of on-site Mohawk Petroleum above-ground storage tanks (ASTs) at 1275 66th Street to the inside of the off-site warehouse at 1285 66th Street, and 2) gasoline and diesel-impacted soil and groundwater extending southwest from the location of former on-site USTs at 1275 66th Street to the adjacent (off-site) 1280 65th Street parcel. Three ground water monitoring wells were drilled in June 1999 as part of an ACDEH-approved closure

workplan. The wells were installed and sampled along with two existing wells. The ground water gradient reported in the wells was to the southwest. Only low levels of TPHg (25 ppm) and TPHd (up to 63 ppm) were reported in the soil at the new well locations. Up to 320 ppb of TPHd and 140 ppb of TPHg were reported in the ground water in the wells at the southwest area of the site (including two off-site wells in the sidewalk along 65th Street). The report also included a Risk-Based Corrective Action (RBCA) assessment using commercial property use exposure assumptions. The RBCA model produced results for individual and cumulative non-carcinogenic risks for toluene, ethylbenzene, and xylenes of 0.94 (individual) and 0.95 (cumulative). These results were within the target level of 1.0. The individual carcinogenic risk value for indoor benzene vapor exposure was determined to be 5.7×10^{-5} , slightly above the target risk of 1×10^{-5} (Gribi Associates, 1999).

3.2.5 Fourth Quarter Ground Water Monitoring and Risk-based Corrective Action Assessment Report, July 22, 2000

The site background summary in the report states that three to four steel ASTs of the former Mohawk Petroleum Company bulk fuel facility were located on the west side of the site at the approximate location of the present Liquid Sugars boiler room. LSI has occupied all or part of the site since the early 1960s. The facility formerly contained two 1,000-gallon gasoline USTs and one 10,000-gallon diesel UST on the southwest side of the property. The three USTs were removed in November 1990, and soil samples collected beneath the USTs confirmed both gasoline and diesel releases from the USTs. Investigations conducted by LSI to assess the extent of releases from the former USTs included the drilling of 15 exploratory borings and installation of five monitoring wells from 1991 to 2000, plus quarterly ground water quality monitoring.

A revised RBCA assessment in the report estimated that both the individual and cumulative indoor carcinogenic risks for benzene were 6.2×10^{-6} . The revised RBCA used commercial exposure assumptions. The report concluded with a request for regulatory site closure based on the results of the soil and ground water investigations and the RBCA assessment (Gribi Associates, 2000).

Off-site Information

3.2.6 Phase II Subsurface Investigaton Report, 1285 66th Street, March 9, 1999

Four borings were drilled at 1285 66th Street for the collection of soil and ground water samples in February 1999. Up to 13,000 ppm of TPH as gasoline (TPHg) was detected in soil in the southern portion of the off-site building, located within approximately 10 feet of LSI's on-site boiler room. The boiler room is the former location of Mohawk Petroleum Company's fuel ASTs. In addition, up to 7,900 ppb of TPHg, 13,000 ppb of TPHd, and 310 ppb of benzene were reported in the ground water samples. The source of the impact was determined by All Environmental, Inc. to be from the 1275 66th Street site (All Environmental, Inc., 1999).

4.0 REGULATORY RECORDS

4.1 City and County Agencies File Review

To obtain information on hazardous materials usage and storage, we requested readily available information at the Emeryville Building Department (EBD), Emeryville Fire Department (EFD), and Alameda County Environmental Health Department (ACDEH) pertaining to 1274 65th Street and 1269 66th Street and historical addresses for the site (1270 65th Street, 1263, 1265, 1273, 1275, 1279, and 1283 66th Street). We also reviewed files for the adjacent Oliver Rubber Company site (1200 65th Street) at the ACDEH. The Emeryville Fire Department did not respond to our requests for information. Key information made available to us is summarized below.

On-site Information

EBD, April 1963: Application for building permit to construct a foundation for tanks at 1269 66th Street.

EBD, January 1964: Application for building permit to erect a foundation and tanks at 1269 66th Street.

EBD, April 1967: Application for building permit to install four 64,000-gallon storage tanks at 1265 65th Street.

EBD, May to September 1969: Building inspection reports for four syrup tanks at 1270 65th Street.

EBD, July 1979: Building permit for demolition of small house at 1283 66th Street.

ACDEH, November 1987: ACDEH environmental inspection form for one 10,000-gallon diesel tank and two 500-gallon gasoline tanks at 1265 66th Street.

ACDEH, February 1988: Tank permit for Cal Ag Products for one 550-gallon fuel tank, one 550-gallon gasoline tank, and one 10,000-gallon diesel tank.

ACDEH, November 1990: Removal and soil sampling report for two 1,000-gallon gasoline USTs and one 10,000-gallon diesel UST at 1274 65th Street.

ACDEH, December 1990: Unauthorized release/removal of underground fuel tanks letter from ACDEH to Liquid Sugars.

ACDEH, February 1991: Letter from Liquid Sugars to ACDEH reporting hydraulic oil, gear oil, waste oil, hydrochloric acid, hydrogen peroxide, and caustic soda storage on-site.

ACDEH, April 1993: Letter from LSI consultant (Century West Engineering Corporation) to ACDEH with amended workplan to perform a ground water investigation at 1275 66th Street. The site chronology in the letter states that laboratory analyses of soil samples collected beneath the three USTs at the site when they were removed detected 17 to 10,300 ppm TPHd, 710 to 3,400 ppm TPHg, and 0.008 to 33 ppm benzene.

ACDEH, June 1993: Ground water investigation report by Century West Engineering Group including the installation two on-site of monitoring wells.

ACDEH, February 1994: Letter from the ACDEH to Liquid Sugars requesting additional monitoring wells and soil borings to define the extent of contamination and ground water flow direction.

ACDEH, November 1998 to February 2000: Quarterly ground water monitoring reports by Gribi Associates. Up to 3,100 ppb of TPHd and 1,100 ppb of TPHg reported in the ground water beneath the site for the December 1999 sampling event.

Off-site Information

ACDEH, February 1994: Site Closure Report for off-site Oliver Rubber Company at 1200 65th Street. No petroleum hydrocarbons or VOCs were detected in ground water samples collected from three site wells for four quarters. Fuel and VOCs were still detected in the soil. Ground water flow was determined to be toward the west/southwest.

ACDEH, April 1995: ACDEH case closure summary for off -site Oliver Rubber Company site at 1200 65th Street. Two 8,000-gallon non-halogenated solvent USTs were removed in November 1991 and one 1,000-bunker oil tank was removed in July 1992. The summary stated that aggressive source removal had occurred at the site and no contaminants had been detected in the ground water for four quarters of sampling. According to the summary, the potential beneficial uses of the ground water did not appear to be threatened by the release.

ACDEH, April 1998: Oliver Rubber Company Closure Report (1200 65th Street). Low levels of petroleum hydrocarbons (27 ppm TPHg, 2.9 ppm TPHd, and 48 ppm total oil and grease) and up to 260 ppb of 1,1-dichloroethylene (1,1-DCE), 99 ppb of 1,1,1-trichloroethane (1,1,1-TCA), and 11 ppb of 1,1-dichloroethane (1,1-DCA) were reported in the ground water.

4.2 Regulatory Agency Database Report

During this study, a regulatory agency database report was obtained and reviewed to help establish whether contamination incidents have been reported within the site vicinity. A list of the database sources reviewed, a detailed description of the sources, and a radius map indicating the location of the reported facilities relative to the project site are presented in Appendix D. Nearby reported hazardous

materials incidents are presented in Table 3. In addition, the on-site LSI facility (1275 66th Street) was listed on the HAZNET (Hazardous Waste Information System) database as a location that generated hazardous waste for off-site disposal.

Table 3. Nearby Hazardous Materials Incidents

Facility Name	Map ID No.	Address	Distance and Direction From Site	Potential Concern
Liquid Sugars, Inc.	B8	1275 66th Street	On-site	Leaking underground storage tank (LUST) site listed as preliminary site assessment underway.
Oakland Diesel Distributors	A1	1301 65th Street	Adjacent to east/southeast	LUST site with ground water impacted by gasoline, 1,2-DCE, and TCE. The case is listed as closed.
Oliver Rubber Company	A4	1200 65th Street	Adjacent to east across railroad tracks	LUST and SLIC site with a diesel fuel leak reported. The case is listed as signed off.

4.3 On-site Meeting With ACDEH and RWQCB

On March 15, 2001, we met on-site with Susan Hugo of the ACDEH, Ravi Arulanantham of the San Francisco Bay Regional Water Quality Control Board (RWQCB), and representatives for Pulte Home Corporation, LSI, and the City of Emeryville. Based on the planned residential development of the property, Mr. Arulanantham recommended ground water sampling along the northeast property boundary to evaluate whether VOCs from the Oliver Rubber company facility were migrating beneath the site. He also recommended shallow soil sampling in the railroad track areas, the proposed garden (landscaping) areas for the residential development, and at random locations across the property to evaluate general soil quality.

5.0 SOIL QUALITY EVALUATION

5.1 Railroad Track Area

To evaluate soil quality in the area of the on-site railroad spurs, we collected soil samples from the surface to ½-foot and 2½ to 3 foot depths at four randomly selected locations (SS-10, SS-11, SS-12, SS-13). Fill material including wood fragments was encountered in boring SS-11. The soil samples were submitted to a state certified laboratory and analyzed for organochlorine pesticides (EPA Test Method 8081), 17 California Assessment Manual (CAM) metals (EPA Test Method 6010 and 7470), polychlorinated biphenyls (PCBs) (EPA Test Method 8082), polynuclear aromatic hydrocarbons (PNAs) (EPA Test Method 8270), and volatile

organic compounds (VOCs) (EPA Test Method 8260). Analytical results are presented in Table 4. Copies of the analytical reports and chain of custody documentation are presented in Appendix E.

Table 4. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	Arsenic ¹	Cadmium ¹	Lead ¹	Mercury ¹
SS-10	0-½	<1.0	<0.50	6.0	0.061
SS-10	2½-3	1.7	<0.50	3.6	<0.050
SS-11	0-½	<1.0	0.53	11	0.080
SS-11	2½-3	3.4	2.8	440	0.20
SS-12	0-½	<1.0	0.71	3.7	0.050
SS-12	2½-3	1.6	<0.50	11	0.060
SS-13	0-½	2.5	1.2	28	0.070
SS-13	2½-3	2.0	<0.50	7.0	0.050
Residential PRG*		0.39/ 22**	9.0	200***	23
TTL		500	100	350	20

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Preliminary Remediation Goal—EPA Region 9, 2000

** Cancer endpoint/non-cancer endpoint

*** Residential Risk Based Screening Level (RBSL), CRWQCB, August 2000

¹ Other CAM metals were non-detect or appeared consistent with typical background levels

TTL - Total Threshold Limit Concentration

Table 4. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	PNAs	PCBs	VOCs	Organo-chlorine Pesticides
SS-10	0-½	ND	ND	ND	ND
SS-10	2½-3	ND	ND	ND	ND
SS-11	0-½	ND	ND	ND	ND
SS-11	2½-3	ND	ND	ND	ND
SS-12	0-½	ND	ND	ND	ND
SS-12	2½-3	ND	ND	ND	ND
SS-13	0-½	ND	ND	ND	ND
SS-13	2½-3	ND	ND	ND	ND

ND - Not detected above laboratory detection limits

5.2 Future Garden Area

To evaluate general soil quality in proposed landscaping (garden) area, we collected soil samples from the surface to ½-foot and 2½ to 3 foot depths at three

randomly selected locations (SS-4, SS-5, and SS-7). The soil samples were submitted to a state certified laboratory and analyzed for total petroleum hydrocarbons in the gasoline range (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX) (EPA Test Method 8015/8020); total petroleum hydrocarbons in the diesel range (TPHd) (EPA Test Method 8015M); total petroleum hydrocarbons in the motor oil range (TPHmo) (EPA Test Method 8015M), CAM 17 metals (EPA Test Method 6010 and 7470), PCBs (EPA Test Method 8082), VOCs (EPA Test Method 8260), semi-VOCs (EPA Test Method 8270), and organochlorine pesticides (EPA Test Method 8081). Analytical results are presented in Table 5. Copies of the analytical reports and chain of custody documentation are presented in Appendix E.

Table 5. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes
SS-4	0-½	<1.0	3.3	<50	<0.005	<0.005	<0.005	<0.005
SS-4	2½-3	66	740	<500	<0.62	<0.62	<0.62	<0.62
SS-5	0-½	<1.0	<1.0	<50	0.0054	<0.005	<0.005	<0.005
SS-5	2½-3	1.3	1.0	<50	<0.005	<0.005	<0.005	<0.005
SS-7	0-½	<1.0	34	54	<0.005	<0.005	<0.005	<0.005
SS-7	2½-3	<1.0	<1.0	<50	<0.005	<0.005	<0.005	<0.005
Residential PRG*		NE	NE	NE	0.65	520	230	210

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Preliminary Remediation Goal-EPA Region 9, 2000

NE Not established

Table 5. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	Arsenic ¹	Cadmium ¹	Lead ¹	Mercury ¹
SS-4	0-½	25	0.62	14	0.067
SS-4	2½-3	11	0.97	5.8	0.14
SS-5	0-½	1.8	1.1	14	0.079
SS-5	2½-3	<1.0	<0.5	3.7	<0.050
SS-7	0-½	35	0.67	19	0.088
SS-7	2½-3	3.4	0.60	27	0.13
Residential PRG*		0.39/ 22**	9.0	200***	23
TTLIC		500	100	350	20

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Preliminary Remediation Goal-EPA Region 9, 2000

** Cancer endpoint/non-cancer endpoint

*** Residential Risk Based Screening Level (RBSL), CRWQCB, August 2000

¹ Other CAM metals were non-detect or appeared consistent with typical background levels

TTLIC - Total Threshold Limit Concentration

Table 5. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	PCBs	VOCs	Semi-VOCs	Organo-chlorine Pesticides
SS-4	0-½	ND	ND	ND	ND
SS-4	2½-3	ND	ND	0.70 ¹	ND
SS-5	0-½	ND	ND	ND	ND
SS-5	2½-3	ND	ND	ND	ND
SS-7	0-½	ND	70 ²	ND	ND
SS-7	2½-3	ND	ND	ND	ND

ND Not detected above laboratory detection limits

1 SVOCs detected were 0.16 ppm dibenzofuran (no residential PRG), 0.54 ppm fluorine (residential PRG = 2,300 ppm)

2 VOC detected was 70 ppm acetone

5.3 General Soil Quality

To evaluate general soil quality, we collected shallow (surface to ½-foot and 2½ to 3 foot depth) soil samples from randomly selected locations at the northwest (SS-2), southeast (SS-9), and southwest (SS-8) areas of the site. Fill material including brick fragments were encountered in boring SS-9. The soil samples were submitted to a state certified laboratory and analyzed for organochlorine pesticides (EPA Test Method 8081), CAM 17 metals (EPA Test Method 6010 and 7470), and PCBs (EPA Test Method 8082). Analytical results are presented in Table 6. Copies of the analytical reports and chain of custody documentation are presented in Appendix E.

Table 6. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	Arsenic ¹	Cadmium ¹	Lead ¹	Mercury ¹	PCBs	Organo-chlorine Pesticides
SS-2	0-½	<1.0	0.92	16	0.10	ND	ND
SS-2	2½-3	2.8	0.050	4.1	0.050	ND	ND
SS-8	0-½	6.6	1.0	14	0.19	ND	ND
SS-8	2½-3	3.8	0.87	9.8	0.30	ND	ND
SS-9	0-½	2.3	0.76	190	0.22	ND	ND
SS-9	2½-3	6.3	<0.50	6.8	<0.050	ND	ND
Residential PRG*		0.39/ 22**	9.0	200***	23	--	--
TTLIC		500	100	350	20		

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Preliminary Remediation Goal—EPA Region 9, 2000

** Cancer endpoint/non-cancer endpoint

*** Residential Risk Based Screening Level (RBSL), CRWQCB, August 2000

1 Other CAM metals were non-detect or appeared consistent with typical background levels

ND Not detected above laboratory detection limits

TTLIC – Total Threshold Limit Concentration

5.4 Sump Areas

To evaluate general soil quality in on-site sump areas, we collected soil samples within approximately three feet of three sumps observed on the property. Soil samples were collected from within approximately one foot below the base of the sumps. The soil samples were submitted to a state certified laboratory and analyzed for CAM 17 metals (EPA Test Method 6010 and 7470), PCBs (EPA Test Method 8082). The samples were also analyzed for pH based on the on-site storage and use of hydrochloric acid. Analytical results are presented in Table 7. Copies of the analytical reports and chain of custody documentation are presented in Appendix E.

Table 7. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	Arsenic ¹	Cadmium ¹	Lead ¹	Mercury ¹	VOCs	pH
SS-3	2-2½	6.4	0.96	48	2.5	ND	9.0
SS-6	3-3½	1.8	<0.5	4.1	<0.05	ND	8.8
SS-9	3½-4	<1.0	0.86	5.4	0.11	ND	7.5
Residential PRG*		0.39/ 22**	9.0	200	23	NE	NE
TILC		500	100	350	20		

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Preliminary Remediation Goal-EPA Region 9, 2000

** Cancer endpoint/non-cancer endpoint

*** Residential Risk Based Screening Level (RBSL), CRWQCB, August 2000

¹ Other CAM metals were non-detect or appeared consistent with typical background levels

NE Not established

ND Not detected above laboratory detection limits

TILC - Total Threshold Limit Concentration

5.5 Former Auto Repair Facility Area

To evaluate soil quality in the area of an historical auto repair facility on-site, we collected one shallow (1-foot to 1.5-foot depth) soil sample (SS-1) from the area of the former building. The soil sample was submitted to a state certified laboratory and analyzed for TPHd, TPHmo, TPHg, BTEX (EPA Test Method 8015M/8020) and VOCs (EPA Test Method 8260), constituents that may be present on-site from previous automobile maintenance use. Analytical results are presented in Table 8. Copies of the analytical reports and chain of custody documentation are presented in Appendix E.

Table 8. Analytical Results of Selected Shallow Soil Sample
(concentrations in parts per million)

Sample Number	Depth (feet)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethyl-benzene	Xylenes	VOCs
SS-1	1-1½	<1.0	<1.0	<50	<0.005	<0.0005	<0.005	<0.005	ND
Residential PRG*		NE	NE	NE	0.65	520	230	210	--

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Preliminary Remediation Goal-EPA Region 9, 2000

NE Not established

ND Not detected above laboratory detection limits

6.0 GROUND WATER QUALITY EVALUATION

To evaluate ground water quality at the site, five borings were advanced to ground water at selected on-site locations in the northwestern area of the property (Figure 2). Ground water was encountered at depths of approximately 6½ to 20 feet. Ground water samples were collected using a bailer and placed in appropriate sample bottles labeled with a unique identification number. The samples then were placed in an ice-chilled cooler and transported to a state-certified analytical laboratory with chain of custody documentation. The ground water samples were analyzed for VOCs (EPA Method 8260) to evaluate the extent of VOCs previously detected in the ground water on the adjacent Oliver Rubber Company site by others. Analytical results are shown in Table 9. Copies of the laboratory reports are attached in Appendix E.

Table 9. Analytical Results of Selected Ground Water Samples
(concentrations in parts per billion)

Boring Number	Date	1,1-DCA	1,1-DCE	PCE	1,1,1-TCA	MTBE
EB-1W	4/16/01	<5.0	<5.0	11	<5.0	<50
EB-2W	4/16/01	<5.0	<5.0	150	<5.0	<50
EB-3W	4/17/01	2.9	26	<0.5	1.6	<5.0
EB-4W	4/16/01	<2.0	<2.0	<2.0	<2.0	83
EB-5W	4/17/01	<1.0	<1.0	<1.0	<1.0	<10
MCL*		5.0	6.0	5.0	200	13

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Drinking water Maximum Contaminant Levels-California DHS, January 31, 2001

7.0 SUSPECT FILL (WHITE SAND) EVALUATION

To evaluate the quality of fill material in an area encountered during geotechnical activities at the site, we collected one near-surface (approximately 1 to 1½ -foot depth) sample of the fill material (SS-1). The fill was a white fine-grained sand and extended to a depth of approximately two feet. The fill was not encountered in other on-site borings. The soil sample was submitted to a state certified laboratory and analyzed for CAM 17 metals (EPA Test Method 6010 and 7470), VOCs (EPA Test Method 8260), and PNAs (EPA Test Method 8270). Analytical results are presented in Table 10. Copies of the analytical reports and chain of custody documentation are presented in Appendix E.

Table 10. Analytical Results of Selected Shallow Soil Sample
(concentrations in parts per million)

Sample Number	Depth (feet)	Arsenic ¹	Cadmium ¹	Lead ¹	Mercury ¹	PNAs	VOCs
SS-14	1-1½	<1.0	<1.0	12	<0.050	ND	ND
Residential PRG*		0.39/ 22**	9.0	200***	23	--	--
TTLIC		500	100	350	20		

< Indicates that the compound was not detected at or above the stated laboratory reporting limit

* Preliminary Remediation Goal-EPA Region 9, 2000

** Cancer endpoint/non-cancer endpoint

*** Residential Risk Based Screening Level (RBSL), CRWQCB, August 2000

¹ Other CAM metals were non-detect or appeared consistent with typical background levels

ND Not detected above laboratory detection limits

TTLIC - Total Threshold Limit Concentration

8.0 CONCLUSIONS

8.1 Historical Summary

The site's first developed use appeared as warehouses, sheds/storage buildings, and a residence by 1903. A creek crossed the southeast corner of the site up to at least 1903; the creek had been filled in by 1911. Three additional residences were added by 1911. Four commercial buildings were added to the site by 1930. From at least 1950 to the mid-1970s, Mohawk Petroleum Corporation (a bulk fuel facility) and Diamond Alkali Corporation were located on-site. Up to twelve ASTs for the fuel facility were visible on-site on aerial photographs. During the late-1960s the fuel ASTs were removed and 17 storage tanks for sugar and corn syrup were added to the site. Three USTs (two 1,000-gallon gasoline and one 10,000-gallon diesel) were removed in July 1992. The site is listed as an active fuel leak case. Site information dating back prior to 1903 was unavailable from the sources researched, but based on our experience in this area, site use prior to 1903 was likely undeveloped land.

8.2 Chemical Storage and Use

Hazardous materials observed on-site during our site visit included up to 200-gallons of sodium hydroxide, 100-gallons of hydrochloric acid, five 55-gallon drums of gear oil, a 150-gallon diesel AST, three 30-gallon containers of hydrogen peroxide, and paints. We recommend that all hazardous materials, including transformers with oils containing PCBs, be appropriately disposed prior to the property transfer. In addition, we recommend that the LSI facility obtain all required facility closures from the Emeryville Fire Department and/or ACDEH prior to the property transfer.

8.3 Railroad Spur Areas

No VOCs, PCBs, PNAs, or organochlorine pesticides were detected in soil samples collected from the areas of the on-site railroad spurs. One location (SS-11), where a fill soil was encountered, contained lead above residential PRGs. The concentration of lead detected also exceeds hazardous waste limits. We recommend performing additional soil sampling in this area to evaluate the lateral and vertical extent of the lead impacted soil. Depending upon the results of this investigation, we may recommend the over-excavation and off-haul of this material.

8.4 Soil Quality in Future Garden Area

Fuel odors were detected and 740 ppm of TPHD were detected in soil at a depth of approximately 3 feet in a boring drilled in the boiler room, where soil has been impacted by a release of the former Mohawk Petroleum Company's fuel ASTs. Low levels of TPHg (1.3 ppm), TPHd (34 ppm), TPHmo (54 ppm), and benzene (0.0054 ppm) also were detected in the other soil samples collected from the future garden area. The ACDEH and the RWQCB may require the capping of petroleum-impacted soil in garden areas with several feet of clean soil. Two locations (SS-4 and SS-7) also contained arsenic at 25 ppm to 35 ppm, which are above typical background levels (less than 10 ppm). We recommend performing additional soil sampling to evaluate the extent of arsenic and petroleum-impacted soil. As a conservative measure, consideration should be given to over-excavating this material for off-site disposal.

8.5 General Soil Quality Samples

As requested by the RWQCB, soil samples were collected in the northwest, southeast and southwest areas of the site to evaluate general soil quality. No PCBs or organochlorine pesticides were detected in the soil at these locations. With the exception of 190 ppm lead detected in soil sample SS-9 (0-½ foot), metals were consistent with typical background concentrations. Soil sample SS-9 was collected from fill. We recommend additional soil sampling in this location to evaluate the extent of lead-impacted impacted soil.

8.6 Sump Areas

No VOCs, irregular pH levels, or metals above typical background concentrations were detected in the soil collected near the three sumps at the site.

8.7 Former Automobile Maintenance Facility

No TPHd, TPHg, BTEX, or VOCs were detected in one shallow soil sample collected at the location of the former on-site automobile repair facility.

8.8 Ground Water Quality

Laboratory analysis of five ground water grab samples collected from the northeast area of the site detected PCE up to 150 ppb in samples EB-1 and EB-2. In addition, 26 ppb of 1,1-DCE was detected in the ground water from boring EB-3, located east of the storage and processing building. MTBE (83 ppb) was detected in the ground water along the western property boundary at boring EB-4. The concentrations of VOCs detected do not appear to be significant to human health. Based on the reported ground water flow direction (west/southwest) the VOCs appear to be from the off-site Oliver Rubber Company (1200 66th Street) property.

8.9 White Sand Fill

During geotechnical activities at the site a white fine-grained granular fill material was encountered beneath the concrete pavement in the northern portion of the site. The fill extended to a depth of approximately 2 feet. Laboratory analysis of a sample of the fill material did not detect PNAs or VOCs; metals appeared consistent with typical background concentrations. The extent of this material should be evaluated.

8.10 Former Creek Fill

A creek was shown crossing the southeast corner of the site on the 1903 Sanborn map. In addition, fill materials were encountered in borings SS-9 and SS-11 that may be fill materials associated with the backfilling of the creek. As discussed above, elevated levels of lead were detected in soil samples collected from these borings. We recommend excavation of exploratory pits in the area of the former creek and collection/analysis of soil samples to evaluate the extent and nature of this material. Pockets of this material could potentially classify as hazardous waste.

8.11 Water Supply Well

A water tower was identified on the north central portion of the site from at least 1903 to 1911. A water supply well likely was associated with the tower. If wells are encountered at this location or other locations during redevelopment, they must be properly abandoned in accordance with applicable regulations.

8.12 Asbestos

Due to the construction of the on-site buildings prior to 1980, asbestos-containing materials (ACMs) may be present. Prior to the planned demolition of the buildings, an asbestos survey must be conducted under National Emissions Standards for Hazardous Air Pollutants (NESHAP) guidelines. In addition, NESHAP guidelines require that all potentially friable ACM be removed prior to building demolition or renovation that may disturb the ACM.

8.13 Lead-Based Paint

In 1978, the Consumer Product Safety Commission banned the use of lead as an additive in paint. Currently, the U.S. EPA and U.S. Department of Housing and Urban Development are proposing additional lead-based paint regulations. We recommend that a lead survey of the painted surfaces and soil be conducted. If the lead-based paint is still bonded to the building materials, its removal is not required prior to demolition. It will be necessary, however, to follow the requirements outlined by Cal/OSHA Lead in Construction Standard, Title 8, California Code of Regulations (CCR) 1532.1 during demolition activities; these requirements will include employing training, employee air monitoring, and dust control. If the lead based paint is peeling, flaking or blistered, it should be removed prior to demolition. It is assumed that such paint will become separated from the building components during demolition activities; thus, it must be managed and disposed as a separate waste stream. Any debris or soil containing lead paint or coating must be disposed at landfills that have acceptance criteria for the waste being disposed.

8.14 Transformer

Six transformers were observed on-site. These transformers may contain transformer oil. Oil leaks can occur from the transformer's reservoir. Although oil is typically not highly toxic or mobile in the environment, transformer oil may contain polychlorinated biphenyl's (PCBs). The owner (apparently LSI) of the transformers is responsible for appropriate removal and disposal of the transformers. We recommend that the transformers that contain or contained oil containing PCBs, if any, be removed and appropriately cleaned or disposed off-site prior to the property transfer.

8.15 Storage Tanks

Three USTs were removed from the site in 1992. The site is listed as an active fuel leak site. A closure report was submitted to the ACDEH in July 2000 by LSI, but at the time of this report the ACDEH had not yet responded to the closure request. Petroleum-impacted soil is present in the former UST area. Regulatory agencies may require the soil be capped with clean soil in landscaping areas. In addition, if this soil is encountered during site development, it will require appropriate handling and disposal. We recommend consulting an environmental attorney to evaluate whether the current responsible parties will remain responsible for all present and future cleanup costs.

8.16 Buried Debris

Due to the presence of residences and commercial activities since at least 1903, garbage pits, buried debris, and building remnants may be present beneath the site. Fill containing construction debris was encountered on-site. We recommend evaluating the nature and extent of this material. If encountered during site development, garbage, debris, and building remnants would require appropriate off-site disposal; pockets of this material could potentially classify as hazardous waste.

8.17 Potential Environmental Concerns Within the Site Vicinity

Based on the information obtained during this study, the hazardous material release from the Oliver Rubber Company may have impacted the site; VOCs were detected in ground water beneath the northeast property boundary. MTBE also was detected near the northeast property boundary, but no source for the MTBE has been identified. In addition, several facilities in the vicinity were reported as hazardous materials users; if leaks or spills occur at these facilities, contamination could impact the site, depending upon the effectiveness of cleanup efforts.

8.18 Impacts to Site Development

We understand that the site may be redeveloped with multi-family residences and associated parking areas encompassing the entire site. Potential constraints to site development may include the following:

- ▼ A human health risk assessment may need to be performed to evaluate whether residual contaminants are acceptable for the planned development and whether engineering controls are needed to reduce risk to human health. Engineering controls can include vapor barriers beneath building slabs or designing parking garages on the ground floor to reduce migration of vapors into occupied areas.
- ▼ Regulatory agencies may require deed restrictions prohibiting the construction of detached single family houses, the installation of monitoring wells, and other measures to reduce the likelihood of contact with impacted soils and ground water beneath the former fuel UST and AST areas.
- ▼ If excavation or basement dewatering is required, the ground water may require treatment and/or off-site disposal.
- ▼ If impacted fill is over-excavated during site development, this soil will require appropriate handling and disposal; if impacted fill is encountered and left in-place, a deed restriction may be required.
- ▼ Regulatory agencies may require a soil management plan that presents protocol for addressing impacted soils, buried structures, or debris if encountered during site development.

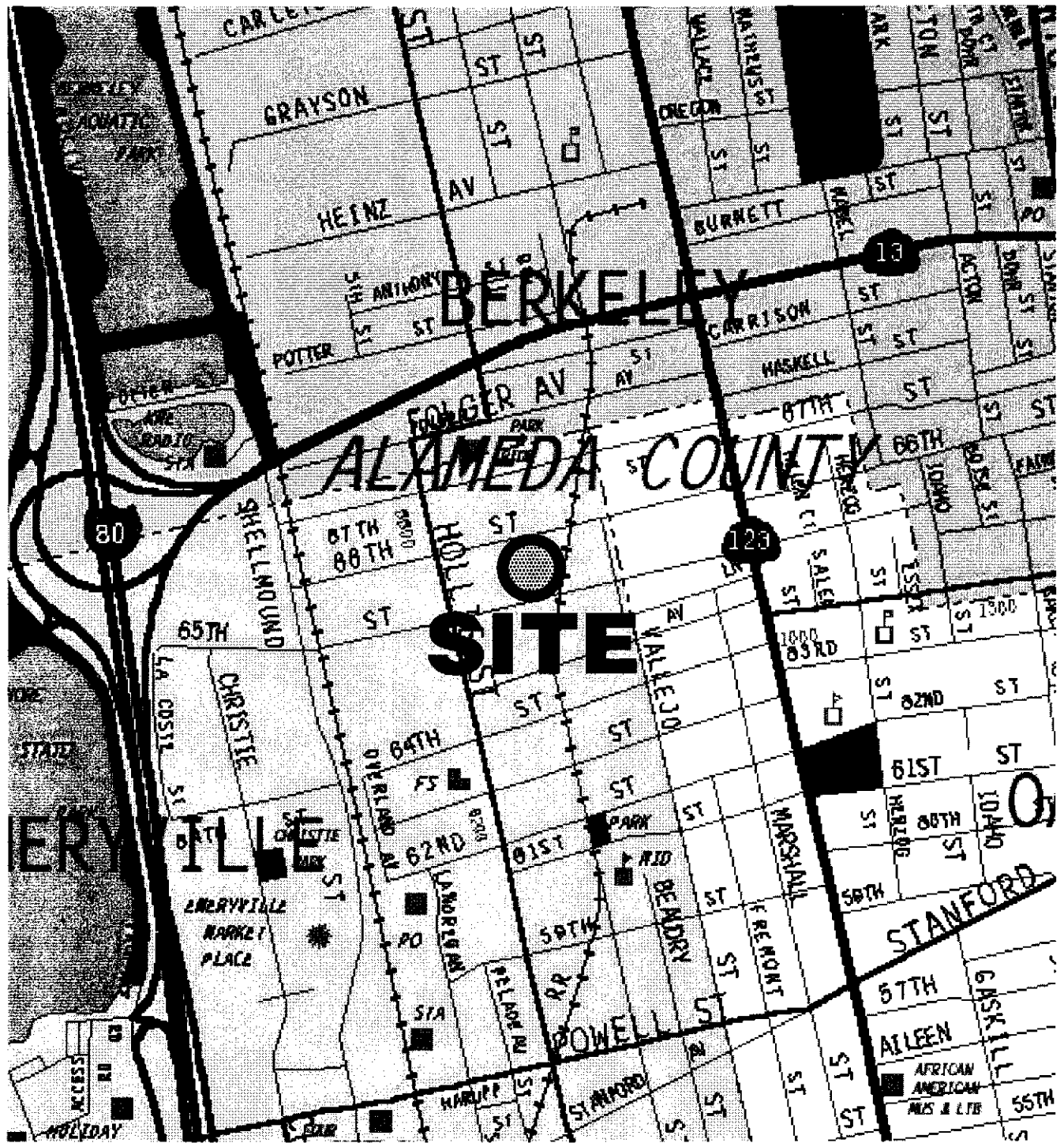
9.0 LIMITATIONS

As with all site assessments, the extent of information obtained is a function of client demands, time limitations, and budgetary constraints. Our conclusions and recommendations regarding the site are based on readily observable site conditions, review of readily available documents, maps, aerial photographs, and data collected and/or reported by others. Due to poor or inadequate address information, the regulatory agency database report listed several sites that may be inaccurately mapped or could not be mapped; leaks or spills from these or other facilities, if nearby, could impact the site. As directed by you, we are relying on information presented in reports provided to us by you or your representative. We are not responsible for the accuracy of information or data presented by others.

Because publicly available information cannot affirm that a release or spill of hazardous materials has or has not occurred at the site, there is the possibility of on-site contamination. Our conclusions and recommendations in this site assessment are qualified in that no air or building material analyses were performed. Sampling and analysis lead to a more reliable assessment of environmental conditions, conditions which often cannot be noted from typical Phase I activities. Should you desire a greater degree of confidence, these samples should be obtained and analyzed to further evaluate environmental conditions. Our recommendation that no further work appeared required is not a guarantee of site cleanliness; it is only a statement that there is no affirmative representation that the site has been significantly impacted.

This report was prepared for the sole use of Pulte Home Corporation. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location.

* * * * *



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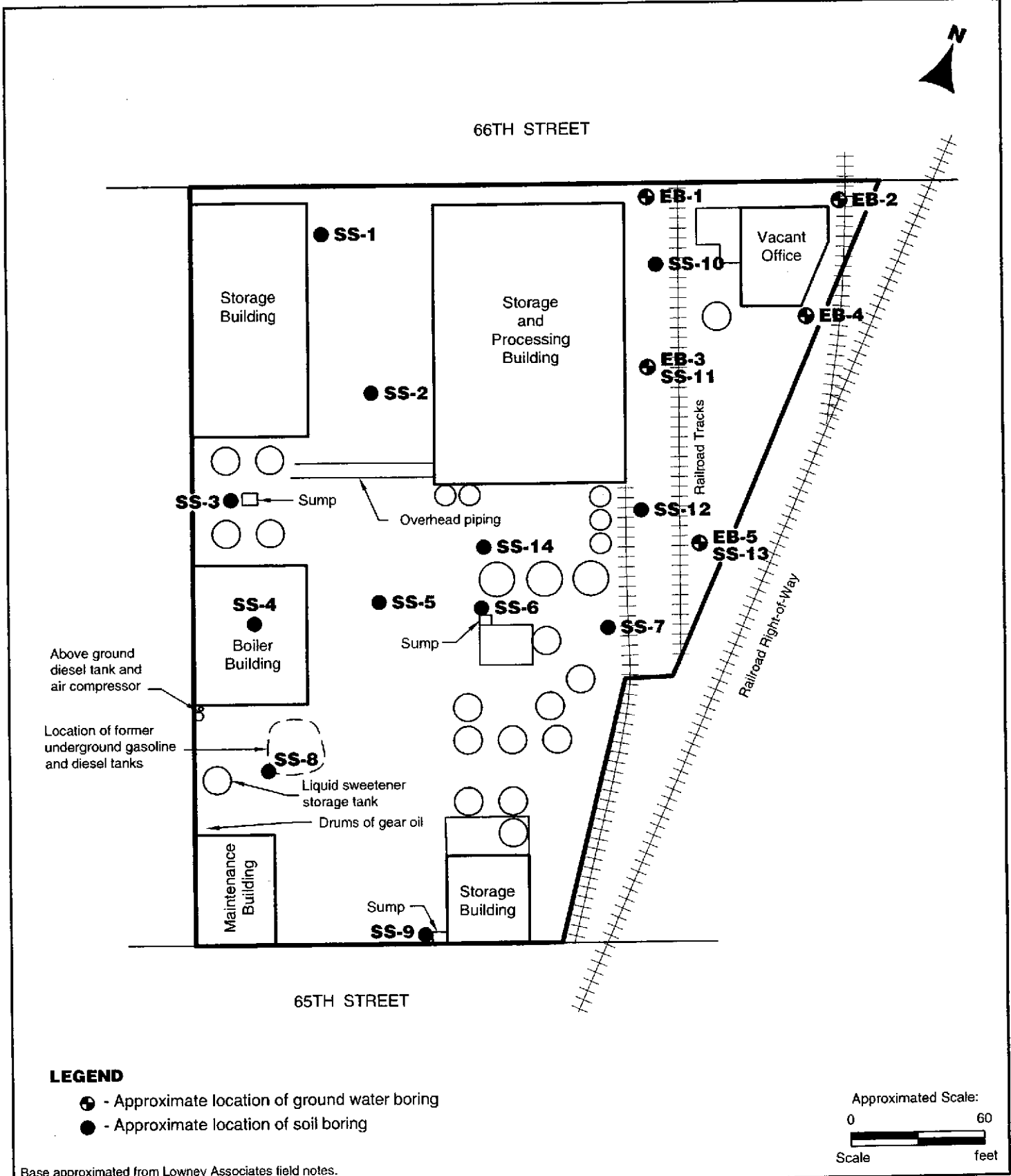
301'EB

VICINITY MAP

1269 66TH STREET, 1274 65TH STREET
Emeryville, California

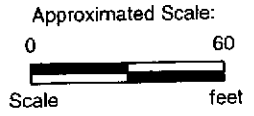
LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 1
1424-4



LEGEND

- ⊕ - Approximate location of ground water boring
- - Approximate location of soil boring



Base approximated from Lowney Associates field notes.

301'EB

SITE PLAN

1269 66TH STREET, 1274 65TH STREET
 Emeryville, California

TERMS AND CONDITIONS OF AGREEMENT

1.0 AGREEMENT

1.1 Lowney's services are defined by and limited to (1) those services (the "Work") described in the attached proposal, which is incorporated by this reference, and (2) these Terms and Conditions of Agreement ("Terms and Conditions"). Together, the proposal and Terms and Conditions form our Agreement. This Agreement represents the parties' entire agreement and supersedes all prior negotiations, representations, or agreements, either written or oral. The Agreement can only be amended by a written instrument signed by both the Client and Lowney. Failure to immediately enforce any provision in this Agreement shall not constitute a waiver of the right to enforce that provision or any other provision.

2.0 MISCELLANEOUS CHARGES

2.1 Expenses and other similar project-related costs are billed at cost plus eighteen and one-half (18½) percent. Telephone costs, computer usage charges, and computerized control of project charges will be additionally billed at five (5) percent of the total project charge. Reproduction charges will be billed at twenty-five cents (\$0.25) per page plus the technical assistant's time billed at their hourly rate. Fax transmissions will be charged at fifty cents (\$0.50) per sheet. Fixed fee services will be performed for the agreed fixed fee sum.

3.0 TERMS OF PAYMENT

3.1 The Client's obligation to pay for the Work is in no way dependent upon the Client's ability to obtain financing or dependent upon the Client's successful completion of the project. Payment for Work and expenses shall be due and payable upon receipt of Lowney's statement. To be recognized, any dispute over charges must be claimed in writing within thirty (30) days of the billing date. Disputes or questions about a statement shall not be cause for withholding payment for remaining portions due. Amounts unpaid thirty (30) days after the issue date of Lowney's statement shall be assessed a service charge of one (1) percent per month on balances outstanding to compensate Lowney for the cost and burden of administering the account and collecting fees owed. Should any legal proceeding be commenced between the parties to this Agreement seeking to enforce any of its provisions, including, but not limited to, fee provisions, the prevailing party in such a proceeding shall be entitled to, in addition to such other relief as may be granted, a reasonable sum for attorneys' fees and other costs. For purposes of this provision, "prevailing party" shall include a party which dismisses an action for recovery hereunder in exchange for payment of the sum allegedly due, performance of covenants allegedly breached, or consideration substantially equal to the relief sought in the action or proceeding. Lowney may at its option withhold delivery of reports and other data pending receipt of payment for all Work rendered and shall have no liability to the Client for delay or damage caused because of such withholding.

4.0 INSURANCE

4.1 Lowney, its officers, employees, and agents (hereafter referred to as Lowney) are protected by Worker's Compensation Insurance (and/or Employer's Liability Insurance), by Commercial General Liability Insurance for bodily injury and property damage, and by Professional Liability Insurance (including Contractor's Pollution Liability Insurance), and will furnish certificates thereof upon request. Client specifically agrees that Lowney will not be responsible for property damage from any cause, including fire and explosion, beyond the amounts actually paid by Lowney's insurance carriers under Lowney's available insurance.

5.0 LIMITATIONS

5.1 Client recognizes the inherent risks connected with construction activities, geotechnical investigations, environmental investigations, and assessments. Client also recognizes that actual conditions at the site may vary from those observed by Lowney when performing the Work. Client specifically acknowledges and agrees that the interpretations and recommendations of Lowney are based on information actually reviewed and conditions actually observed by Lowney. Lowney shall not be responsible for the validity or accuracy of data collected by others or interpretations made by others.

5.2 The Client agrees to defend and indemnify Lowney from any and all claims, damages, costs, and losses (included attorneys' fees and costs) arising out of or in any way related to the Work or the performance or non-performance of obligations under this Agreement except when the Claim arises from the sole negligence of Lowney or where the Claim arises from the willful, wanton, or reckless conduct of Lowney.

5.3 In performing its professional services, Lowney will strive to use that degree of care and skill ordinarily exercised, under similar circumstances, by members of its profession practicing in the same or similar locality and under the same standard of care. No warranty, expressed or implied, is made or intended by Lowney by the proposal for consulting services, the contract between Lowney and Client, or by furnishing oral or written reports of the findings made to the Client or any other person.

5.4 This paragraph limits Lowney's liability-READ IT CAREFULLY. The Client understands and acknowledges that the Work poses certain risks to both Lowney and the Client. Client further acknowledges and agrees that the amount of risk that Lowney accepts by this Agreement is commensurate with the amount of compensation received under this Agreement for the Work. Lowney's fee for the Work is based on and reflects Client's agreement to limit Lowney's liability as described below. Client specifically acknowledges and agrees that but for this promise to limit Lowney's liability, Lowney's fee would be significantly higher to accommodate Lowney for the risks posed by the Work and entering this Agreement. Client acknowledges its right to discuss this provision with legal counsel and negotiate with Lowney regarding this provision and the proposed fee. In reliance on the foregoing and in consideration for the fee proposed, Client specifically acknowledges and agrees that, to the fullest extent permitted by law, Lowney's total liability for any and all injuries, claims, liabilities, losses, costs, expenses, or damages whatsoever including, without limitation, attorneys' fees and legal costs (hereinafter "Claims") to Client and any third party arising out of or in any way related to the Work or this Agreement from any cause or causes including, but not limited to, Lowney's negligence, errors, omissions, or breach of contract or any duty, is limited to and shall not exceed \$50,000 or the amount of Lowney's fee, whichever is greater (Option 1) except when the Claim arises from the sole negligence of Lowney or where the Claim arises from the willful, wanton, or reckless conduct of Lowney. In consideration of an additional fee of four (4) percent of Lowney's total Work fee or \$400, whichever is greater, Lowney will raise the limitation of liability up to the amount actually paid by Lowney's insurance carriers for the Claims under Lowney's available insurance coverage (Limitation Increase) if and only if Client makes its written request for the Limitation Increase before the commencement of the Work and Client and Lowney each initial and date this paragraph 5.4 below (Option 2) except when the Claim arises from the sole negligence of Lowney or where the Claim arises from the willful, wanton, or reckless conduct of Lowney.

LIMITATION INCREASE: AGREED THAT LIMITATION OF LIABILITY INCREASED TO ACTUAL AMOUNT OF PROCEEDS PAID BY LOWNEY'S INSURANCE CARRIERS IN EXCHANGE FOR ADDITIONAL FEE OF FOUR (4) PERCENT OF TOTAL SERVICE CHARGE OR \$400, WHICHEVER IS GREATER.

Client Initial

Date

Lowney Initial

Date

5.5 Client agrees on its behalf and on behalf of Client's officers, directors, partners, principals, agents, employees, successors, representatives, and assignees (collectively referred to as "Client Group") that in no event shall any action or proceeding be brought against Lowney by Client or Client Group for any claim or cause of action arising from or in any way related to the Work or this agreement unless such action or proceeding is commenced within three (3) years from the Date of Completion of Work provided by Lowney under this Agreement. Client and Client Group agree and acknowledge that the limitations period set forth herein supersedes, replaces, and supplants any and all limitation periods which would otherwise apply including, but not limited to, those appearing in the California Code of Civil Procedure. The Date of Completion shall be the date of the final invoice for the Work performed under this Agreement.

5.6 If Client requests that Lowney's work product be relied upon by a third party, including, but not limited to, a lender, Client specifically agrees to provide the third party with a copy of these terms and conditions and Client agrees to limit Lowney's total liability to Client and any third party as described in paragraph 5.4 above, and Client agrees to defend and indemnify Lowney from any and all third party claims, damages, costs, and losses arising out of or in any way related to the Work or the performance or non-performance of obligations under this Agreement except when the Claim arises from the sole negligence of Lowney or where the Claim arises from the willful, wanton, or reckless conduct of Lowney. Any third party which accepts Lowney's work product does so under the strict understanding that the third party is bound by all provisions in these Terms and Conditions including, but not limited to, the provisions of paragraphs 5.4 and 5.5, above, and this paragraph 5.6. Every report, recommendation, finding, or conclusion issued by Lowney shall be subject to the limitations stated therein.

6.0 SCOPE AND EXECUTION OF SERVICES

6.1 Lowney will serve the Client by providing professional counsel and technical advice based on information furnished by the Client. The Client will make available to Lowney all known information regarding existing and proposed conditions of the site, including the location of all underground utilities and installations, and will immediately transmit any new information that becomes available or any change in plans. When hazardous materials are known, assumed or suspected to exist at a site, Lowney may be required by law to take appropriate precautions to protect the health and safety of its personnel. Client hereby warrants that if it knows or has any reason to assume or suspect that hazardous materials may exist at the project site, Client will immediately inform Lowney and warrants that Client has done its best to inform Lowney of the known or suspected hazardous materials' type, quantity, and location. Client and Lowney agree that Lowney shall not be responsible for any claims, damages, costs, or losses arising from or in any way related to conditions not actually encountered during the course of Lowney's work and Lowney shall not have any liability or responsibility for losses resulting from inaccurate or incomplete information supplied by Client, and Client agrees to defend and indemnify Lowney against claims, damages, costs, or losses arising therefrom. Lowney shall not be liable for failing to discover any condition the discovery of which would reasonably require the performance of services not authorized by Client.

6.2 Lowney will diligently proceed with its services and will submit its report in a timely manner, but it is expressly agreed and understood by Client that Lowney shall not be held responsible for delays occasioned by factors beyond its control, nor by factors which could not reasonably have been foreseen at the time of the execution of the Agreement between the parties. Lowney will not be responsible for any damages, consequential or otherwise, caused by delays in the completion of the Work.

Lowney makes no warranties regarding time of completion of the Work. In the event that the Work is interrupted or delayed due to causes beyond Lowney's control (including, but not limited to, acts of God, war, riot, insurrection, inclement weather, fire acts of third parties or governmental bodies, or matters within the control of the Client), Lowney shall be paid compensation for labor, equipment, and other costs Lowney incurs in order to perform the Work for the Client's benefit during the interruption or delay.

6.3 The individual or individuals who contract with Lowney on behalf of the Client warrant that they are duly authorized agents of the Client and are empowered to so contract.

6.4 Unless otherwise agreed in writing, the Client shall be entitled to two copies of each report prepared by Lowney.

6.5 In the event that Lowney submits a proposal including these Terms and Conditions of Agreement, to provide professional services and the Client authorizes the Work by means of a purchase order or other writing ("Confirmation"), it is expressly agreed that these Terms and Conditions shall apply, and any terms, condition, or provisions appearing in the Confirmation are void and inapplicable except to the extent the Confirmation authorizes the Work and binds Client to this Agreement.

7.0 SITE SAFETY

7.1 Lowney shall not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the job or the work of any contractor, subcontractor, or their agents or employees, or any other person performing work or services on the job or at the site.

8.0 TERMINATION

8.1 Either party may terminate this Agreement by giving the other party seven (7) days' written notice. Notice shall be effective as of the date of deposit in the U.S. Mail of the written notice, properly addressed to the person to be notified. In the event that the Client requests termination of the services prior to completion of Work, Lowney reserves the right to complete such analyses and records as may be necessary to place its files in order and, where considered necessary to protect its professional reputation, to complete a report on the services performed to date. A termination charge of 10 percent of the total contract amount in addition to all costs incurred to the date of Work stoppage may be made at the discretion of Lowney.

9.0 OWNERSHIP OF DOCUMENTS

9.1 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by Lowney, as instruments of Work, shall remain the property of Lowney. Client agrees that all reports and other services furnished to the Client or its agents, that are not paid for, will be immediately returned upon demand and will not be used by the Client for any purpose whatever. Client warrants that Lowney, in order to perform its Work under this Agreement, has the unrestricted license and right to use any information provided to Lowney by the Client or others.

10.0 RIGHT OF ENTRY

10.1 The Client will provide for right of entry of Lowney personnel and all necessary equipment, in order to complete the Work. While Lowney will take all reasonable precautions to minimize any damage to the property including underground utilities, it is acknowledged and agreed by Client that in the normal course of the Work some damage may occur, the correction of which is not part of this Agreement. Accordingly, Client shall waive any claim against Lowney and agree to defend and indemnify Lowney from any claims arising from entering or working on the site which is the subject of the Work.

11.0 MONITORING OF CONSTRUCTION

11.1 The Client hereby acknowledges and understands that unanticipated or changed conditions may be encountered during construction. Further, there is a substantial risk to both the Client and to Lowney if Lowney is not engaged to provide complete services, including but not limited to, construction observation services. Such risks include the increased likelihood of misinterpretation of Lowney's findings and conclusions, and error in implementing recommendations by Lowney. Therefore, if the Client fails to retain Lowney to provide complete services, the Client agrees to defend and indemnify Lowney against any and all claims, damages, costs, and losses arising out of or in any way related to the Work or arising out of implementing or interpreting Lowney's work product except when the Claim arises from the sole negligence of Lowney or where the Claim arises from the willful, wanton, or reckless conduct of Lowney.

12.0 DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS

12.1 Hazardous materials or other toxic substances may exist at a site where there is no reason known to Client to believe they could or should be present. Lowney and Client agree that the discovery of unanticipated potentially hazardous materials constitutes a changed condition mandating a renegotiation of the scope of Work or termination of Work. Lowney and Client also agree that the discovery of unanticipated potentially hazardous materials may make it necessary for Lowney to take immediate measures to protect public health, safety, and the environment. Lowney agrees to notify Client as soon as practically possible should unanticipated hazardous materials be encountered. Client encourages Lowney to take any or all measures that in Lowney's professional opinion are justified to preserve and protect the health and safety of Lowney's personnel, the public, and the environment, and Client agrees to compensate Lowney for the cost of such services. Further, the Client agrees to defend and indemnify Lowney from any and all claims, damages, costs, and losses arising out of or in any way related to subsurface sampling, including, but not limited to, claims, damages, costs, and losses arising from cross-contamination except when the Claim arises from the sole negligence of Lowney or where the Claim arises from the willful, wanton, or reckless conduct of Lowney.

13.0 CONTAMINATION OF A WATER-BEARING ZONE

13.1 Subsurface sampling may result in unavoidable contamination of certain subsurface areas, as when a probe or boring is advanced or drilled through a contaminated area, into a clean soil or a water-bearing zone. Because of the risks posed by such Work, and because subsurface sampling is often a necessary part of Lowney's Work, the Client hereby agrees to waive all claims against Lowney that in any way arise out of subsurface sampling, including claims relating to cross-contamination.

14.0 DISPOSAL OF SAMPLES AND DRILL CUTTINGS

14.1 Lowney shall hold samples collected during the performance of its Work no longer than 45 calendar days after issuance of any document that includes data obtained from them unless Client advises in writing otherwise; drill cuttings will be left on-site. In the event that soil, rock, water, or drill cuttings, and/or other samples or material are contaminated or are suspected to contain hazardous materials or other toxic substances hazardous or detrimental to public health, safety, or the environment as defined by federal, state, or local statutes, regulations, or ordinances, Lowney will, after completion of testing, notify the Client of same in order for the Client to arrange for the disposal of samples and materials. The Client recognizes and agrees that Lowney at no time assumes title to said samples and/or materials. The Client, not Lowney, remains ultimately responsible for selecting the disposal or treatment facility to which such samples and/or materials are to be delivered. The Client agrees to pay all costs associated with any storage, transport, and disposal of samples and materials, and to defend and indemnify Lowney from any and all claims arising out of or in any way related to the storage, transport, and disposal of asbestos, hazardous or toxic substances, or pollutants, including but not limited to, any samples and/or materials.

15.0 MISCELLANEOUS PROVISIONS

15.1 The term "indemnify" shall mean indemnify, defend, and hold harmless from and against any and all claims, liabilities, suits, demands, losses, costs, and expenses, including, but not limited to, reasonable attorneys' fees and all legal expenses and fees incurred on appeal, and all interest thereon ("claims"), accruing or resulting to any and all persons, firms, or any other legal entities, on account of any damages or losses to property or persons, including death, or economic losses, arising out of the item, matter, action, or inaction specified in the specific provision.

15.2 This Agreement shall be governed by California law. The venue for any legal action brought pursuant to this Agreement shall be located within the County of Santa Clara, State of California.

15.3 Nothing contained in this Agreement shall create a contractual relationship with or cause of action in favor of a third party against either the Client or Lowney.

15.4 The Client and Lowney, respectively, bind themselves, their partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representatives of such other party with respect to all covenants of this Agreement. Client shall not assign this Agreement or any right or cause of action hereunder without the written consent of Lowney.

15.5 Unless specified otherwise by Lowney, this quotation shall not remain in effect after thirty (30) days of the proposal date.

15.6 Lowney maintains a General Engineering A license (No. 682286) and Hazardous Substances Removal and Remedial Actions Certification with the State of California which are regulated by the Contractors State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors State License Board, P.O. Box 26000, Sacramento, California 95826.

15.7 Client agrees that Lowney may use and publish Client's name and a general description of Lowney's services with respect to the project in describing Lowney's experience and qualification to other clients or prospective clients.

15.8 Client acknowledges and agrees that it has received and reviewed these Terms and Conditions and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply to the interpretation of this Agreement.

APPLICATION FOR AUTHORIZATION TO USE

**REPORT TITLE: PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SOIL AND
GROUND WATER QUALITY EVALUATION FOR
1274 65TH STREET AND 1629 66TH STREET
PROJECT NUMBER: 1424-4**

To: Lowney Associates
405 Clyde Avenue
Mountain View, California 94043

From (Applicant): _____
(Please clearly identify name and address of person/entity applying for permission to use or
copy this document)

Ladies and Gentlemen:

Applicant hereby applies for permission to rely upon Lowney Associates work product, as described above, for the purpose of:

(state here the purpose for which you wish to rely upon the work product)

Applicant only can accept and rely upon Lowney Associates' work product under the strict understanding that Applicant is bound by all provisions in the Terms and Conditions attached to the report. Every report, recommendation, finding, or conclusion issued by Lowney Associates shall be subject to the limitations stated in the Agreement and subject report(s). If this is agreeable, please sign below and return one copy of this letter to us along with the applicable fees. Upon receipt and if acceptable, our signed letter will be returned. Lowney Associates may withhold permission at its sole discretion or require additional re-use fees or terms.

FEES: A \$200 coordination fee, payable in advance, will apply. If desired, for an additional \$150 report reproduction fee, we will reissue the report in the name of the Applicant; the report date, however, will remain the same. All checks will be returned if the request is not approved.

REQUESTED BY

Applicant Company

Print Name and Title

Signature and Date

APPROVED BY

Lowney Associates

Print Name and Title

Signature and Date

INDUSTRIAL/COMMERCIAL SITE QUESTIONNAIRE

All current and historic street addresses: _____

Current site owner and dates of ownership: _____

Previous site owners and dates of ownership: _____

All assessor's parcel numbers (APNs): _____

Size of parcel(s)/property: _____

Number and square footage of on-site structure(s): _____

Construction date/age of on-site structure(s): _____

Current site tenant(s), site use, and years of occupancy: _____

Previous site tenant(s), site use, and years of occupancy: _____

What type and amount of hazardous materials are used on-site: _____

How are waste products disposed? legal way

Were or are any of these structures on-site:

Aboveground storage tanks	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Air emission control systems <u>DUST HOUSING</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Boilers	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Clean rooms	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Don't Know
Elevators	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Don't Know
Equipment maintenance or auto servicing areas	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Hazardous materials storage areas	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Emergency generators	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Don't Know
Railroad lines	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Sumps	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Transformers	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Don't Know
Underground storage tanks	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Don't Know
Waste water neutralization systems	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Don't Know

If yes to any of the above, please briefly describe: Dust Housing per survey

Has an asbestos survey of the on-site structures been performed? Yes No Don't Know

If yes, please attach any available reports.

Has a lead-based paint survey of the on-site structures been performed? Yes No Don't Know

If yes, please attach any available reports.

Have any environmental reports been prepared for the site? Yes No Don't Know

If yes, please attach available reports.

Completed by: STEVE MOONEY Signature [Signature] Date 3/5/01



"Linking Technology with Tradition"

SanbornÆ Map Report

Ship to: Mark Arniola
Lowney Associates
129 Filbert Street
Oakland, CA 94607

Order Date: 2/27/2001 Completion Date: 02/27/2001
Inquiry #: 600755.1s
P.O. #: na
Site Name: Liquid Sugar Ph I

Address: 1269 66th St an 1274 65th St
City/State: Emeryville, CA 94662

1013523PEK 510-267-1970 Cross Streets: Vallejo St.

Based on client-supplied information, fire insurance maps for the following years were identified

- 1903 - 1 - map
- 1911 - 1 - map
- 1950 - 1 - map
- 1952 - 1 - map
- 1967 - 1 - map
- 1969 - 1 - map
- 1980 - 1 - map

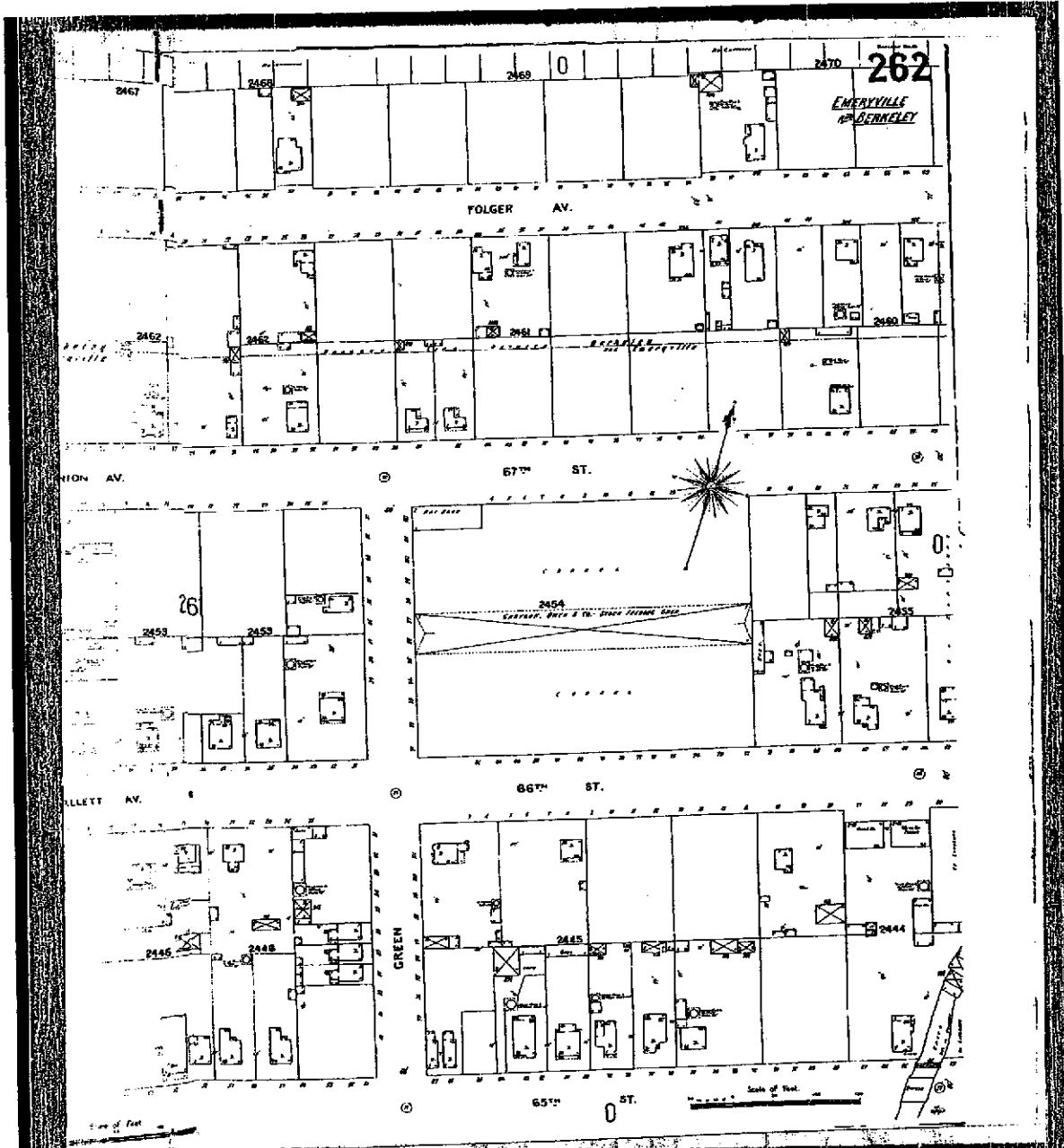
Total Maps: 7


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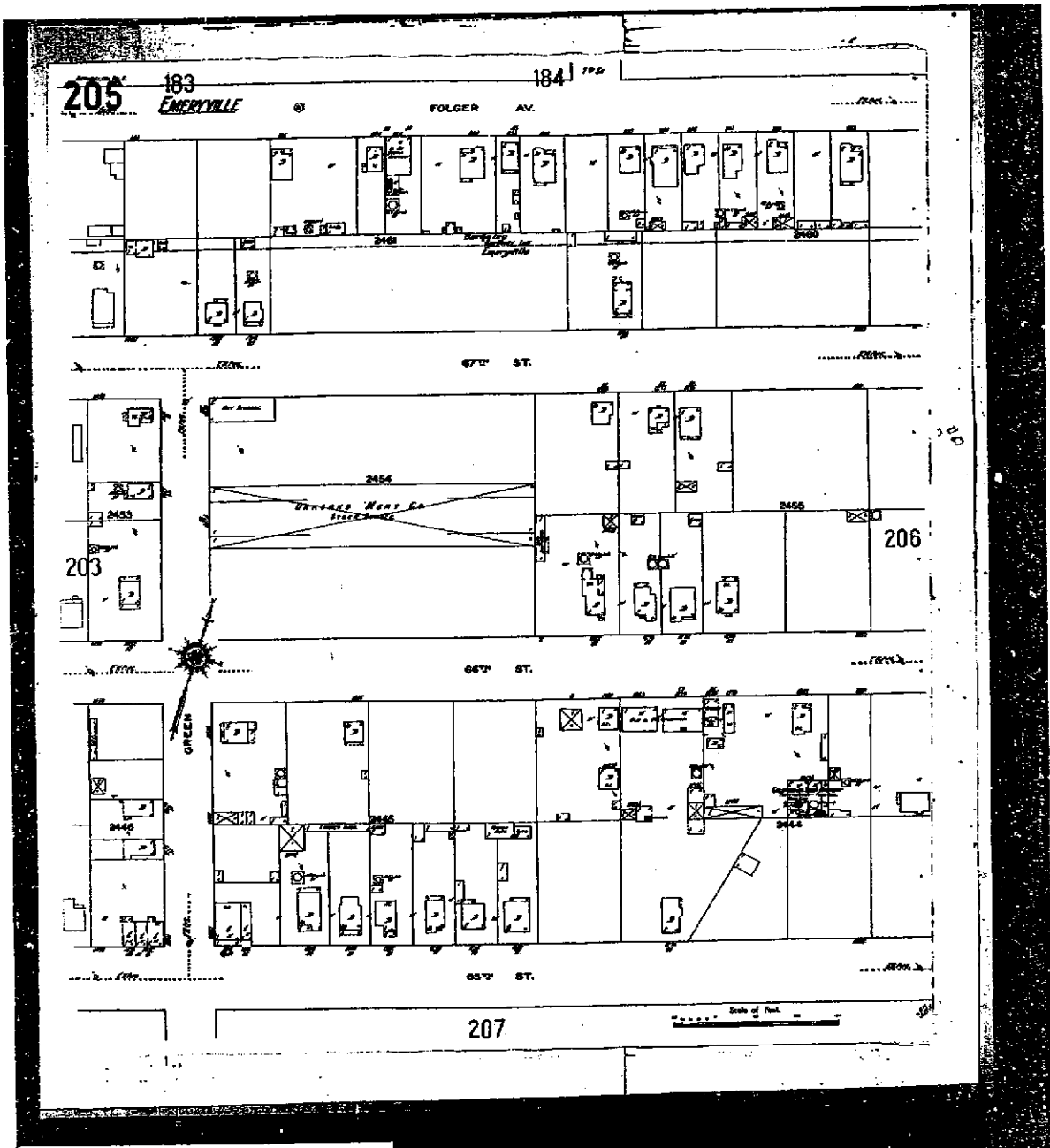
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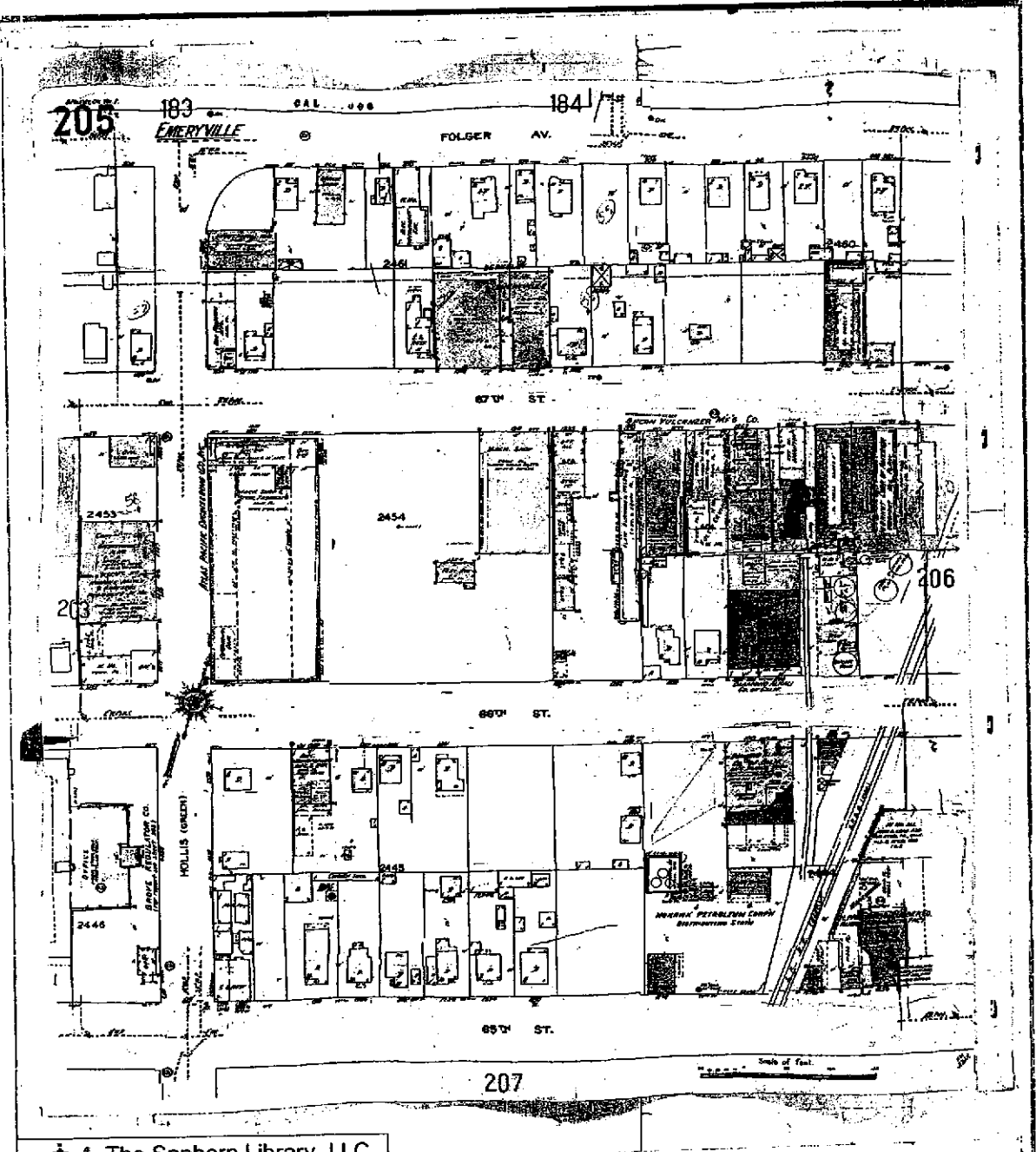



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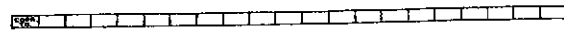
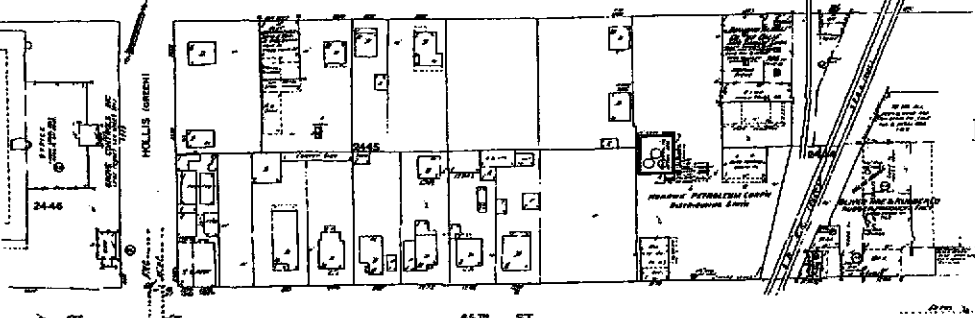
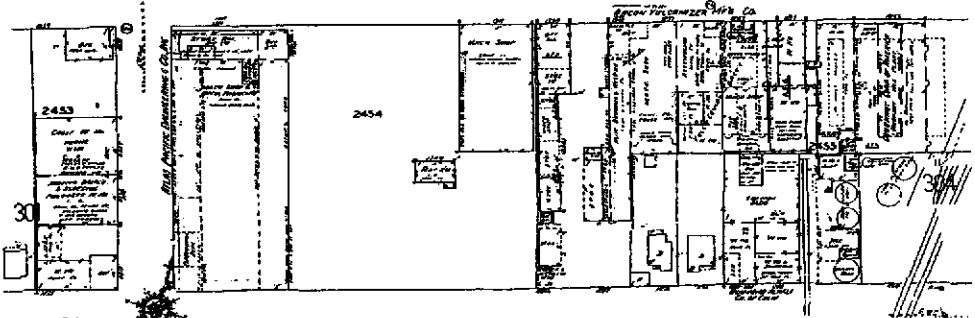
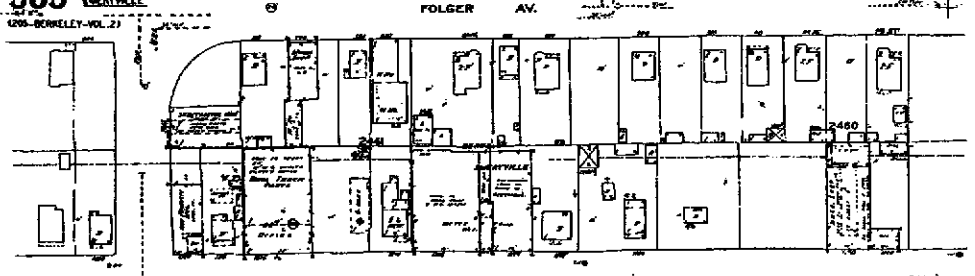

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303
1200-BERKELEY-VOL. 27

SEE MAP OF BERKELEY

COL TWO



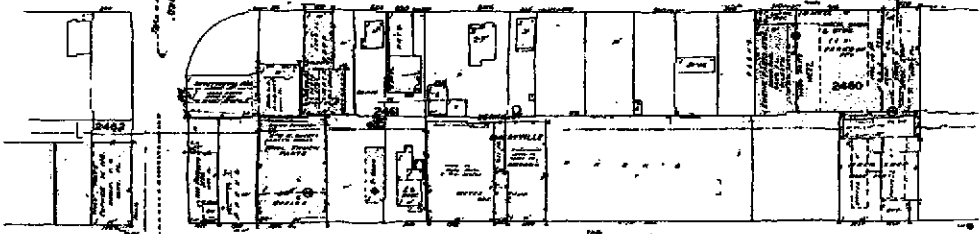
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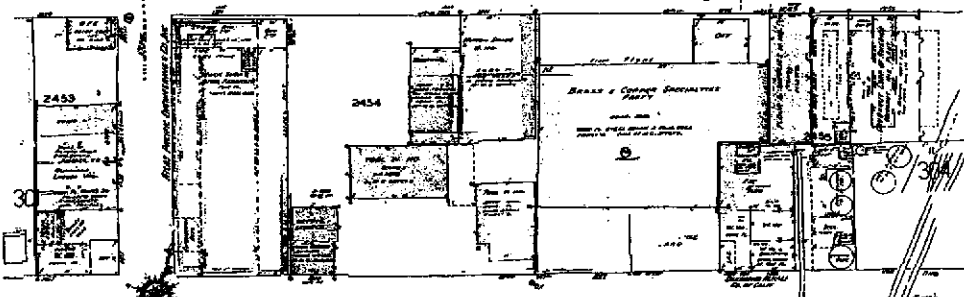
BERKELEY
EVERETT

SEE MAP OF BERKELEY VOL. TWO

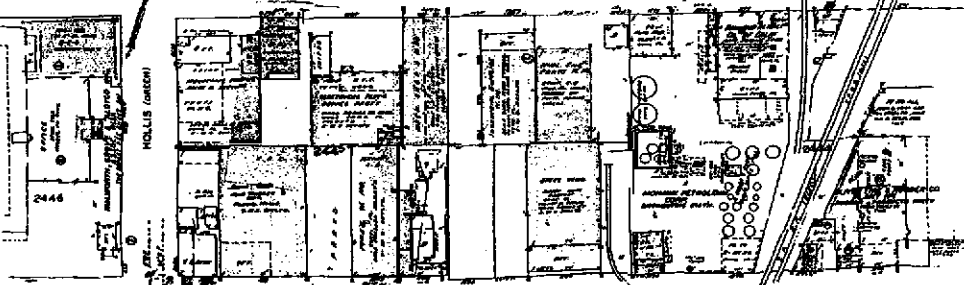
FOLGER AV.



67th ST

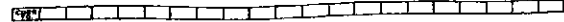


66th ST



65th ST

305

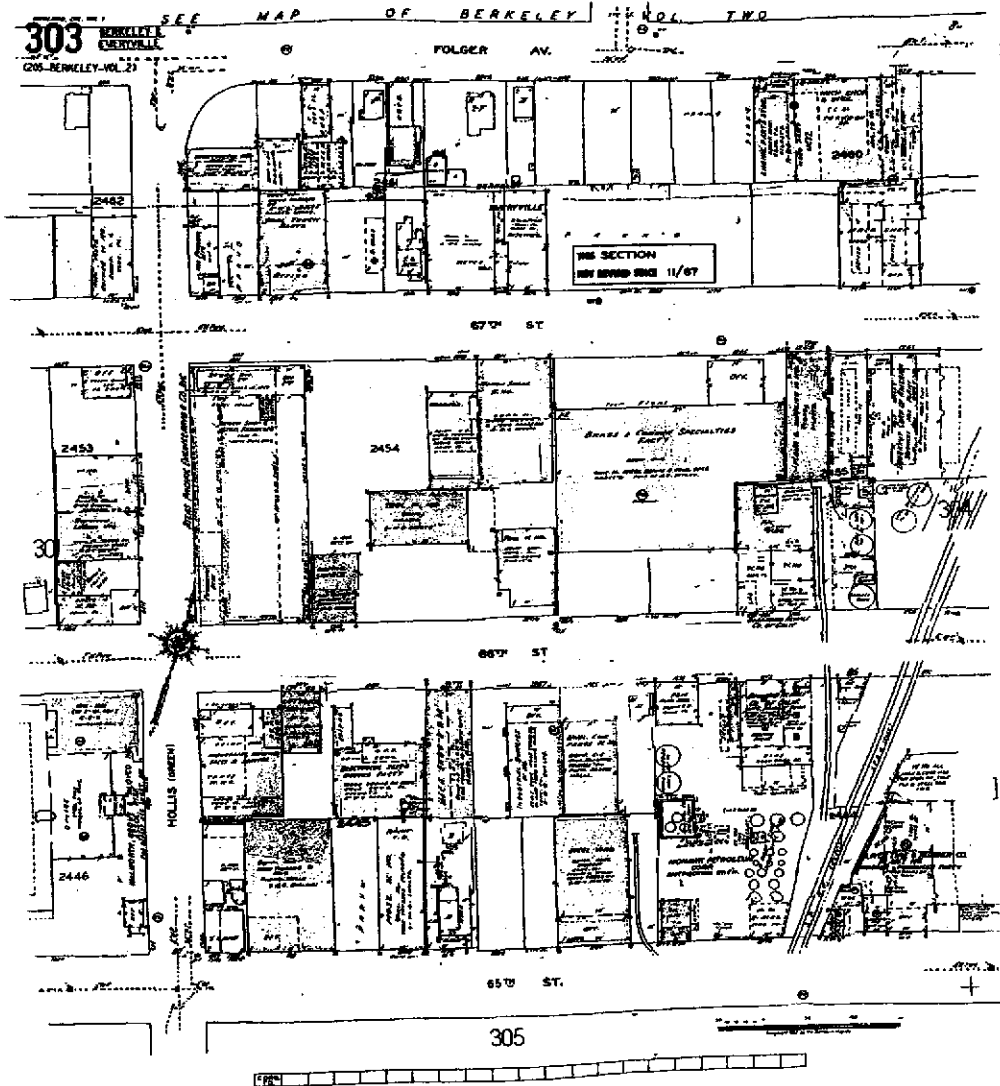



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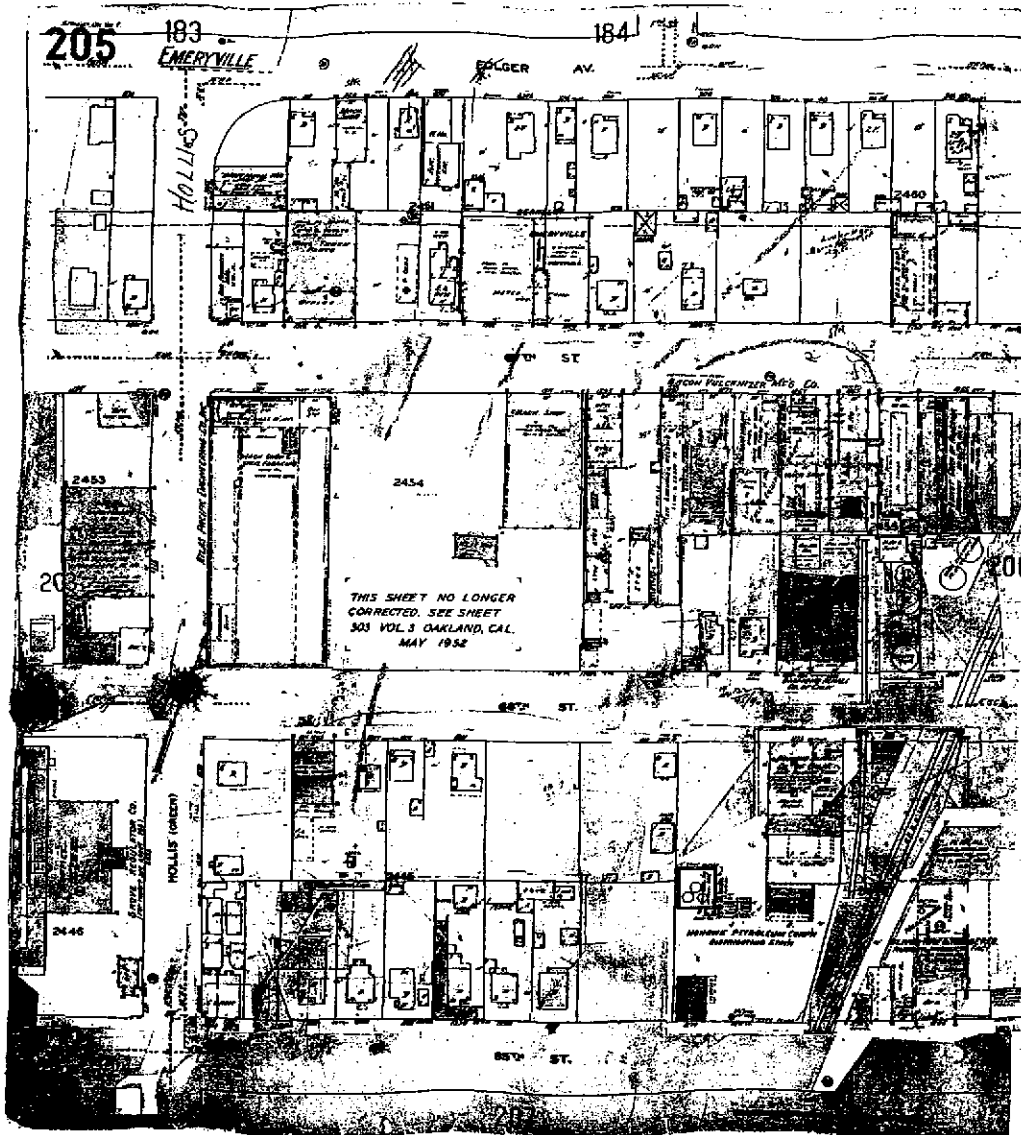


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APPENDIX D
REGULATORY AGENCY DATABASE REPORT

The following regulatory agency database report was obtained and reviewed to help establish whether contamination incidents have been reported within the site vicinity. A list of the database sources reviewed, a detailed description of the sources, and a radius map indicating the location of the reported facilities relative to the project site are included in the report.

The information presented is obtained from a variety of public databases and other sources. No warranty or representation is made regarding the accuracy or completeness of the presented data. In some cases, a listed facility cannot be mapped with confidence, but instead may be located only by city or zip code. These unmappable sites are referred to as "orphan" sites and, if present, they are listed in the database report.



The EDR-Radius Map with GeoCheck

Liquid Sugar Ph I
1269 66th St/1274 65th St.
Emeryville, CA 94608

Inquiry Number: 0603930.1r

March 07, 2001

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1269 66TH ST/1274 65TH ST.
EMERYVILLE, CA 94608

COORDINATES

Latitude (North): 37.847840 - 37 50' 52.2"
Longitude (West): 122.289110 - 122 17' 20.8"
Universal Transverse Mercator zone 10
UTM X (Meters): 562544.9
UTM Y (Meters): 4188965.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2437122-G3 OAKLAND WEST, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL _____ National Priority List
Proposed NPL _____ Proposed National Priority List Sites
CERCLIS _____ Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS _____ Corrective Action Report
RCRIS-TSD _____ Resource Conservation and Recovery Information System
ERNS _____ Emergency Response Notification System

STATE ASTM STANDARD

Toxic Pits _____ Toxic Pits Cleanup Act Sites
WMUDS/SWAT _____ Waste Management Unit Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT _____ Superfund (CERCLA) Consent Decrees
ROD _____ Records Of Decision

EXECUTIVE SUMMARY

Delisted NPL	-----	National Priority List Deletions
FINDS	-----	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	-----	Hazardous Materials Information Reporting System
MLTS	-----	Material Licensing Tracking System
MINES	-----	Mines Master Index File
NPL Liens	-----	Federal Superfund Liens
PADS	-----	PCB Activity Database System
RAATS	-----	RCRA Administrative Action Tracking System
TRIS	-----	Toxic Chemical Release Inventory System
TSCA	-----	Toxic Substances Control Act
FTTS	-----	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	-----	Aboveground Petroleum Storage Tank Facilities
CA WDS	-----	Waste Discharge System

EDR PROPRIETARY DATABASES

Coal Gas	-----	Former Manufactured Gas (Coal Gas) Sites
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

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

FEDERAL ASTM STANDARD

CERCLIS-NFRAPAs of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 04/16/2000 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MYERS DRUM CO	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC119	103

EXECUTIVE SUMMARY

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
OLIVER RUBBER CO	1200 65TH ST	0 - 1/8 E	A4	9
MYERS DRUM CO	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC119	103

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 16 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BACCHUS PRESS	1287 66TH ST	0 - 1/8 N	B3	8
KNOPP INC	1307 66TH ST	0 - 1/8 NW	B5	15
CONVERSION TECHNIQUES	1309 66TH ST	0 - 1/8 NW	B7	16
AUTUMN PRESS	1280 65TH ST	0 - 1/8 SSE	A10	18
AALBORG CISERV SAN FRANCISCO	1295 67TH ST	0 - 1/8 N	G29	34
AALBORG CISERV	1315 67TH ST	0 - 1/8 NNW	G33	37
PRODUCTION INSULATION COMPANY	1372 OCEAN AVE	1/8 - 1/4SSW	J54	55
GEORG M MARTIN CO	1250 67TH STREET	1/8 - 1/4NNE	K56	55
PLANT INSULATION CO	1300 64TH ST	1/8 - 1/4S	P80	74
NADY SYSTEMS INC	1145 65TH ST	1/8 - 1/4E	O83	76
VETERANS AFFAIRS OUTPATIENT CL	841 FOLGER AVE	1/8 - 1/4NNW	Q84	77
PLUMSTERS INC	1308 63RD ST	1/8 - 1/4SSE	AA111	98

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
B E P EMERYVILLE L P	6529 HOLLIS ST	0 - 1/8 WSWD15		21
UNITED STATES PRINTING INK COR	6355 HOLLIS ST	1/8 - 1/4SW	I51	53
GRAPHIC COATING INC	6355 HOLLIS ST	1/8 - 1/4SW	I52	53
ATLAS PACIFIC ENGRG CO INC DEL	1321-67TH ST AT HOLLIS	1/8 - 1/4NNW97		86

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, has revealed that there is 1 AWP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MYERS DRUM - OAKLAND	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC122	108

EXECUTIVE SUMMARY

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 22 Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MYERS DRUM - OAKLAND	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC122	108
KRENZ INC	ASHBY AT 6TH STREET	1/8 - 1/4NW	AB136	124
US POSTAL SERVICE	6121 HOLLIS ST	1/4 - 1/2S	AL165	165
LIFELONG MEDICAL CARE	3250 SACRAMENTO STREET	1/2 - 1 E	216	226
ELECTRO-COATING INC - PLANT 21	893 CARLETON STREET	1/2 - 1 NNW	AY217	226
COLGATE PALMOLIVE CO	2700 7TH ST	1/2 - 1 NNW	AY218	227
SOUTHERN PACIFIC RIGHT-OF-WAY	WEST OF 4525 HOLLIS STR	1/2 - 1 S	252	258
PACIFIC GAS & ELECTRIC CO- EME	4525 HOLLIS STREET	1/2 - 1 S	BE255	260

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MIKE ROBERTS COLOR PRODUCTIONS	5707 BAY STREET	1/4 - 1/2W	AI152	147
TRANSO/LACOSTE SITE	1600 64TH STREET/6401 B	1/4 - 1/2SW	161	160
WESTINGHOUSE ELECTRIC CO - EME	5899 PELADEAU STREET	1/4 - 1/2S	AQ185	188
BERKELEY IND COURT	729 HEINZ AVE	1/4 - 1/2NW	AR187	190
WAREHAM PROPERTIES	700 HEINZ AVENUE	1/4 - 1/2NW	AV197	203
EMERYVILLE MARKETPLACE	BTW 64TH / POWELL ST	1/2 - 1 SSW	202	209
EBMUD	4300 EASTSHORE HIGHWAY	1/2 - 1 SW	AW204	210
BAY STREET EXTENSION	64TH / POWELL STREETS	1/2 - 1 SSW	205	212
CHEVRON ASPHALT PLANT & TERMINAL	520 POWELL STREET	1/2 - 1 S	208	219
MILES INC CUTTER BIOLOGICAL FA	4TH / PARKER STREETS	1/2 - 1 NNW	231	243
ST ALBANS SENIOR CENTER	I-80 FRONTAGE ROAD, NOR	1/2 - 1 SW	233	244
POWELL STREET PLAZA	5500 EASTSHORE HIGHWAY	1/2 - 1 SSW	242	251
SHELLMOUND VENTURE PROJECT	SHELLMOUND STREET	1/2 - 1 S	244	252
INTERSTATE HIGHWAY 80/EMERYVILLE	INTERSTATE 80	1/2 - 1 SSW	245	253

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 14 CHMIRS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1164 66TH STREET	1/8 - 1/4ENE	M66	65
Not reported	1121 OCEAN	1/8 - 1/4ESE	S89	80
Not reported	2720 SAN PABLO AVENUE	1/2 - 1 N	AX213	224
Not reported	987 GRACE AVENUE	1/2 - 1 ESE	229	243
Not reported	F/O 5425 SAN PABLO	1/2 - 1 SSE	232	244
Not reported	F/O 967 GRACE STREET	1/2 - 1 ESE	235	246
Not reported	A/O 1090 53RD STREET	1/2 - 1 SSE	BB240	251
Not reported	R/O 1084 53RD STREET	1/2 - 1 SSE	BB241	251
Not reported	900 STANFORD AVENUE	1/2 - 1 ESE	243	252
Not reported	2515 NINTH ST.	1/2 - 1 N	246	254
Not reported	4561 HORTON ST. (TEMESC)	1/2 - 1 S	247	254
Not reported	2501 TENTH STREET	1/2 - 1 N	250	255
Not reported	3108 KING STREET	1/2 - 1 ENE	BD253	258
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	WEST FRONTAGE ROAD - 16	1/2 - 1 WNW	203	209

EXECUTIVE SUMMARY

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 62 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LIQUID SUGARS INC	1275 66TH ST	0 - 1/8 N	B8	17
FABCO	1249 67TH ST	1/8 - 1/4NE	K55	55
GEO M MARTIN COMPANY	1308 67TH ST	1/8 - 1/4NE	K61	60
TEXACO	840 ASHBY AVE	1/8 - 1/4NNW	AB115	100
MYERS DRUM - OAKLAND	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC122	108
SUPER 7	901 ASHBY AVE	1/4 - 1/2NNW	AF139	132
DUTRO COMPANY	1333 62ND STREET	1/4 - 1/2S	155	150
BOLIN'S SERVICE GARAGE	6335 SAN PABLO AVE	1/4 - 1/2ESE	AK159	158
POST OFFICE	1505 62ND ST	1/4 - 1/2S	AL160	159
CARS RENT A CAR	6301 SAN PABLO AVE	1/4 - 1/2ESE	163	162
US POSTAL SERVICE	6121 HOLLIS ST	1/4 - 1/2S	AL165	165
ALASKA	6211 SAN PABLO AVE	1/4 - 1/2ESE	AN170	174
ASPHALT PRODUCT OIL CORP	1001 ASHBY AVE	1/4 - 1/2N	AO171	175
HYDRAULIC ELECTRO SERVICE	5812 HOLLIS ST	1/4 - 1/2S	172	176
HOLLIS STREET PROJECT	6050 HOLLIS ST	1/4 - 1/2S	176	181
BERKELEY BUSINESS CENTER	2900 SAN PABLO AVE # 29	1/4 - 1/2NE	179	184
GATEWAY LIQUORS	5944 SAN PABLO AVE	1/4 - 1/2SE	192	197
CHRONICLE DEPOT	2817 7TH ST	1/4 - 1/2NNW	200	207
EMERALD PACKAGING	2821 10TH ST	1/2 - 1 N	201	209
RENT A TRAILER SYSTEM OF CALIF	2748 SAN PABLO AVE	1/2 - 1 N	209	220
BERKELEY HYDRAULIC SERVIC	2734 SAN PABLO AVE	1/2 - 1 N	AX211	222
SCHWABACKER FREY	5733 PELLEDEAU	1/2 - 1 S	215	224
MOORE PROPERTY	3155 SACRAMENTO ST	1/2 - 1 ENE	219	232
NOMURA BROS INC	2720 SAN PABLO AVE	1/2 - 1 N	AZ221	234
C & M SERVICE STATION	1441 ASHBY AVE	1/2 - 1 NE	222	235
COOPER HAWKINS	2701 SAN PABLO AVE	1/2 - 1 N	AZ224	236
PAHLMAYER FAMILY TRUST	2700 SAN PABLO AVE	1/2 - 1 N	AZ225	237
FORDHAM PROPERTIES	5515 DOYLE ST	1/2 - 1 SSE	BA227	240
CALIFORNIA SYRUP & EXTRAC	1375 55TH ST	1/2 - 1 SSE	BA228	240
PARINA ENTERPRISES	5433 SAN PABLO AVE	1/2 - 1 SSE	234	245
GARY STEEL COMPANY	2560 7TH ST	1/2 - 1 NNW	238	248
BERKELEY FARMS	1313 53RD ST	1/2 - 1 S	239	250
RIFKIN REALTY PARTNERS	4549 HORTON ST	1/2 - 1 S	BC249	255
VACANT LOT	4800 SAN PABLO AVE	1/2 - 1 SSE	251	255
MALCOM X SCHOOL	1734 PRINCE ST	1/2 - 1 ENE	BD254	259
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RIX INDUSTRIES-FRANK DEWOLF	6460 HOLLIS ST	0 - 1/8 WSWF	20	26
RYERSON STEEL & ALUMINUM	1465 65TH ST	0 - 1/8 SW	F39	41
HFH LIMITED	6400 HOLLIS ST	0 - 1/8 SW	I41	43
FIRE STATION #2	6303 HOLLIS ST	1/8 - 1/4SSW	N75	71
GRING PEST CONTROL SERVICE, IN	741 FOLGER AVE	1/8 - 1/4NW	W102	90
CLEARPRINT PAPER COMPANY, INC.	1482-67TH STREET	1/8 - 1/4NNWAD	130	114
FOLGER AVENUE PROPERTY	722 FOLGER AVE	1/8 - 1/4NNWAE	133	121
DUBOVSKY PROPERTY	6603 BAY ST	1/4 - 1/2N	AG141	136
LEOPARD TRADING COMPANY	6601 BAY ST	1/4 - 1/2N	AG143	138
WEATHERFORD BMW	735 ASHBY AVE	1/4 - 1/2NNW	144	138

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PETERSON MANUFACTURING CO., I	1600 - 63RD STREET	1/4 - 1/2SSW	AH147	143
BAY EXPORT SERVICES	717 POTTER ST	1/4 - 1/2NW	166	168
EMERY BAY PLAZA BAYFRONT	1650 65TH ST	1/4 - 1/2WSW	AM168	172
BAY CENTER PROJECT	1665 65TH ST	1/4 - 1/2WSW	AM173	176
CHIRON CORP	6455 CHRISTIE AVE STE A	1/4 - 1/2SW	AP177	182
EMERYBAY MARKET PLACE	6425 CHRISTIE AVE	1/4 - 1/2SW	AP178	184
GARRETT FREIGHT LINE	(NO STREET NBR) 64TH ST	1/4 - 1/2SW	AS190	194
RYDER/PIE NATIONWIDE, INC.	5500 EASTSHORE HWY	1/4 - 1/2WSW	AT196	203
BARBARY COAST STEEL CORP	4300 EASTSHORE HWY	1/2 - 1 SW	AW206	213
NIELSEN PROPERTY	5800 SHELLMOUND ST	1/2 - 1 SSW	210	221
A & J TRUCKING INC	5600 SHELLMOUND ST	1/2 - 1 SSW	212	224
DAYS INN	1603 POWELL ST	1/2 - 1 SSW	214	224
POWELL STREET PLAZA	(NO STREET NBR) POWELL	1/2 - 1 SSW	223	235
BP MOBIL	1700 POWELL ST	1/2 - 1 SSW	226	239
MILES LABORATORY CUTTER	(NO STREET NBR) 4TH ST	1/2 - 1 NNW	236	247
SHELL	1800 POWELL ST	1/2 - 1 SW	237	247
JUDSON STEEL	(NO STREET NBR) SHELLMO	1/2 - 1 S	257	261

NOTIFY 65 Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there are 6 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BAYOX, INCORPORATED	1179 OCEAN AVENUE	1/8 - 1/4ESE	45	49
KNOWN	6400 SAN PABLO	1/8 - 1/4E	101	89
UNKNOWN	4549 HORTON STREET	1/2 - 1 S	BC248	255

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WEATHERFORD BMW, INC.	5903 CHRISTIE AVE, EAST	1/2 - 1 SSW	207	217
A & J TRUCKING, INC	5600 SHELLMOND AVENUE	1/2 - 1 SSW	220	233
MOBIL SERVICE STATION #10 LTV	1700 POWELL STREET	1/2 - 1 SSW	230	243

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EMERYVILLE ASHBY (POINT EMERY)	W END OF ASHBY AVE	1/4 - 1/2W	183	187

EXECUTIVE SUMMARY

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

A review of the LUST list, as provided by EDR, and dated 10/04/2000 has revealed that there are 69 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND DIESEL DISTRIBUTORS IN	1301 65TH STREET	0 - 1/8 SE	A1	6
OLIVER RUBBER CO	1200 65TH ST	0 - 1/8 E	A4	9
LIQUID SUGARS INC	1275 66TH ST	0 - 1/8 N	B8	17
COPPER & BRASS SALES, INC.	1295 67TH ST	0 - 1/8 N	G30	34
HFH LIMITED	1351 OCEAN AVE	1/8 - 1/4S	J49	51
H.F.H., LTD	1351 OCEAN AVE	1/8 - 1/4S	J50	52
FABCO DIVISION	1249 67TH ST	1/8 - 1/4NNE	K57	55
FABCO AUTOMOTIVE CORPORATION	1249 67TH STREET	1/8 - 1/4NNE	K58	57
GEO M MARTIN COMPANY	1308 67TH ST	1/8 - 1/4NNE	K61	60
VACANT BLDG	1372 OCEAN AVE	1/8 - 1/4SSW	J62	62
PLANT INSULATION CO	2741 S YATES AVE	1/8 - 1/4SW	J63	63
AA JOHNSON & SON	1164 66TH ST	1/8 - 1/4ENE	M67	65
A.A. JOHNSON & SON	1164 66TH ST	1/8 - 1/4ENE	M69	66
NADY SYSTEMS INC	1145 65TH ST	1/8 - 1/4E	O83	76
VACANT LOT	1258 64TH ST	1/8 - 1/4SE	R88	79
BAYOX, INC.	1171 OCEAN AVE	1/8 - 1/4ESE	S91	81
TEXACO	840 ASHBY AVE	1/8 - 1/4NNW	AB115	100
MACBETH HARDWARE COMPANY	930 ASHBY AVE	1/8 - 1/4N	129	113
FORMER GAS STATION	6623 SAN PABLO AVE	1/8 - 1/4ENE	132	120
FOLGER MURPHY PROPERTY	1020 MURRAY ST	1/8 - 1/4NNE	135	123
SUPER 7	901 ASHBY AVE	1/4 - 1/2NNW	AF139	132
PCC	6400 SAN PABLO AVE	1/4 - 1/2ESE	146	141
DUTRO COMPANY	1333 62ND STREET	1/4 - 1/2S	155	150
BOLINS SERVICE GARAGE	6335 SAN PABLO AVE	1/4 - 1/2ESE	AK158	156
POST OFFICE	1505 62ND ST	1/4 - 1/2S	AL160	159
E.H. MORRILL COMPANY	999 ANTHONY ST	1/4 - 1/2N	162	161
CARS RENT A CAR	6301 SAN PABLO AVE	1/4 - 1/2ESE	163	162
U.S. POSTAL SERVICE	6121 HOLLIS ST (#B)	1/4 - 1/2S	AL164	164
US POSTAL SERVICE	6121 HOLLIS ST	1/4 - 1/2S	AL165	165
ALASKA GASOLINE	6211 SAN PABLO AVE	1/4 - 1/2ESE	AN169	172
ASPHALT PRODUCT OIL CORP	1001 ASHBY AVE	1/4 - 1/2N	AO171	175
HOLLIS STREET PROJECT	6050 HOLLIS ST	1/4 - 1/2S	176	181
SIEGAL & STRAIN ARCHITECTS	1295 - 59TH ST	1/4 - 1/2SSE	180	184
BREKENRIDGE AUTO SHOP	6045 SAN PABLO AVE	1/4 - 1/2SE	181	185
GATEWAY LIQUORS	5944 SAN PABLO AVE	1/4 - 1/2SE	192	197
MEYER SOUND	2832 SAN PABLO AVE	1/4 - 1/2NNE	199	205
CHRONICLE DEPOT	2817 7TH ST	1/4 - 1/2NNW	200	207
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GROVE VALVE & REGULATOR CO.	6529 HOLLIS ST	0 - 1/8	WSWD16	24
RIX INDUSTRIES-FRANK DEWOLF	6460 HOLLIS ST	0 - 1/8	WSWF20	26
SUPERGEN, INC.	6450 HOLLIS ST.	0 - 1/8	SW F22	29
RYERSON STEEL & ALUMINUM	1465 65TH ST	0 - 1/8	SW F39	41
HFH LIMITED	6400 HOLLIS ST	0 - 1/8	SW I41	43
MCGRATH STEEL COMPANY	6655 HOLLIS ST	0 - 1/8	WNWH44	45
CITY OF EMERYVILLE FIRE ST. #2	6303 HOLLIS ST	1/8 - 1/4SSW	N72	68
EMERYVILLE FIRE STATION #2	6303 HOLLIS STREET	1/8 - 1/4SSW	N74	69
MISSION TAYLOR PROPERTIES	1410 64TH ST	1/8 - 1/4SSW	V99	87
GRING PEST CONTROL SERVICE, IN	741 FOLGER AVE	1/8 - 1/4NW	W102	90

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
CLEARPRINT PAPER COMPANY, INC.	1482-67TH STREET	1/8 - 1/4WNWAD	130	114
CLEARPRINT PAPER CO., INC.	1482 67TH ST	1/8 - 1/4WNWAD	131	118
FOLGER AVENUE PROPERTY	722 FOLGER AVE	1/8 - 1/4WNWAE	133	121
COULTER STEEL & FORGE CO	1494 67TH ST	1/4 - 1/2W	AD137	125
VACANT FACILITY	6603 BAY ST	1/4 - 1/2W	AG140	134
VACANT FACILITY	6601 BAY ST	1/4 - 1/2W	AG142	136
WEATHERFORD BMW	735 ASHBY AVE	1/4 - 1/2WNW	144	138
PETERSON MANUFACTURING COMPANY	1600 63RD ST	1/4 - 1/2SSW	AH148	143
PETERSON MANUFACTURING COMPANY	1600 63RD ST	1/4 - 1/2SSW	AH149	144
PETERSON MANUFACTURING CO. INC	1600 63RD ST	1/4 - 1/2SSW	AH150	145
MIKE ROBERTS COLOR PRODUCTIONS	6707 BAY STREET	1/4 - 1/2W	AI151	146
KRENZ LIMITED	750 POTTER ST	1/4 - 1/2NW	AJ156	154
BAY EXPORT SERVICES	717 POTTER ST	1/4 - 1/2NW	166	168
EMERY BAY PLAZA	1650 65TH ST	1/4 - 1/2WSWAM	167	170
BAY CENTER PROJECT	1665 65TH ST	1/4 - 1/2WSWAM	173	176
LERER BROTHERS TRANSMISSION	6340 CHRISTIE AVE	1/4 - 1/2SW	182	186
BERKELEY IND COURT	729 HEINZ AVE	1/4 - 1/2NW	AR187	190
BERKELEY INDUSTRIAL COMPLEX	729 HEINZ ST	1/4 - 1/2NW	AR188	192
PIE NATIONWIDE	5500 EASTSHORE HIGHWAY	1/4 - 1/2VSWAT	191	195
KING KNIGHT COMPANY	6202 CHRISTIE AVE	1/4 - 1/2SW	AU194	200
KING KNIGHT CO.	6202 CHRISTIE AVE	1/4 - 1/2SW	AU195	202
DURKEE WAREHAM	700 HEINZ ST	1/4 - 1/2NW	AV198	204

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

A review of the UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 28 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OLIVER RUBBER CO	1200 65TH ST	0 - 1/8 E	A4	9
CALAG PRODUCTS, INC.	1275 66TH ST	0 - 1/8 N	B9	18
CHALLENGE MANUFACTURING CO.	1308 67TH ST	0 - 1/8 NNW	G28	33
COPPER & BRASS SALES, INC.	1295 67TH ST	0 - 1/8 N	G30	34
COPPER AND BRASS SALES INC.	1295 67TH ST	0 - 1/8 N	G32	37
J. T. THORPE & SON, INC.	1351 OCEAN AVE	1/8 - 1/4S	J48	50
FABCO DIVISION	1249 67TH ST	1/8 - 1/4NE	K57	55
FABCO DIVISION	1249 "67TH" STREET	1/8 - 1/4NE	K59	58
AA JONSON & SON, INC.	1164 66TH ST	1/8 - 1/4ENE	M68	66
OLIVER RUBBER CO. PLANT 2	1150 65TH ST	1/8 - 1/4E	O78	73
BAYOX, INC.	1171 OCEAN AVE	1/8 - 1/4ESE	S91	81
U S POSTAL SERVICE	6121 HOLLIS ST (#B)	1/8 - 1/4SSW	U109	96
MYERS DRUM CO	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC119	103
OAKLAND - TIGHTHEAD	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC120	107
SUPER-7 #24302	901 ASHBY AVE	1/8 - 1/4NNW	X126	110
STANDARD BRANDS PAINT-#21	23126 S HAWTHORNE BLVD	1/8 - 1/4E	128	112

Lower Elevation	Address	Dist / Dir	Map ID	Page
FRANK C. E. DE WOLF	6460 HOLLIS ST	0 - 1/8 WSWF	18	25
WAREHOUSE	6450 HOLLIS ST	0 - 1/8 SW	F23	30
MOTOROLA SERVICE CENTER	6613 HOLLIS ST	0 - 1/8 W	E25	31
RYERSON STEEL	1465 65TH ST	0 - 1/8 SW	F40	43

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MCGRATH STEEL CO.	6655 HOLLIS ST	0 - 1/8 WNW43		44
MCGRATH STEEL COMPANY	6655 HOLLIS ST	0 - 1/8 WNW44		45
EMERYVILLE FIRE DEPT.	6303 HOLLIS ST	1/8 - 1/4SSW N70		67
EMERYVILLE FIRE DEPARTMENT	6303 HOLLIS ST	1/8 - 1/4SSW N71		68
RIEKES CONTAINER COMPANY	1410 64TH ST	1/8 - 1/4SSW V100		89
GRING PEST CONTROL SERVICE, IN	741 FOLGER AVE	1/8 - 1/4NW W102		90
CLEARPRINT PAPER COMPANY, INC.	1482-67TH STREET	1/8 - 1/4WNWAD130		114
CLEARPRINT PAPER CO., INC.	1482 67TH ST	1/8 - 1/4WNWAD131		118

BEP: Bond Expenditure Plan comes from the Department of Health Services.

A review of the CA BOND EXP. PLAN list, as provided by EDR, has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC GAS AND ELECTRIC - EME	4525 HOLLIS STREET	1/2 - 1 S	BE256	260

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WESTINGHOUSE ELECTRIC COMPANY	5899 PELADEAU STREET	1/4 - 1/2S	AQ184	188

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

A review of the CA FID UST list, as provided by EDR, has revealed that there are 13 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
OLIVER RUBBER CO	1200 65TH ST	0 - 1/8 E	A4	9
COPPER AND BRASS SALES INC.	1295 67TH ST	0 - 1/8 N	G31	37
J. T. THORPE & SON, INC.	1351 OCEAN AVE	1/8 - 1/4S	J47	50
FABCO DIVISION	1249 "67TH" STREET	1/8 - 1/4NNE	K59	58
CHALLENGE MANUFACTURING CO.	1308 067TH ST	1/8 - 1/4NW	L64	64
ASHBY TEXACO	840 ASHBY AVE	1/8 - 1/4NNW	AB116	101
MYERS DRUM CO	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC119	103

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RIX INDUSTRIES-FRANK DEWOLF	6460 HOLLIS ST	0 - 1/8 WSWF20		26
RYERSON STEEL	1465 65TH ST	0 - 1/8 SW	F38	41
MCGRATH STEEL CO.	6655 HOLLIS ST	0 - 1/8 WNW42		44
EMERYVILLE FIRE DEPARTMENT	6303 HOLLIS ST	1/8 - 1/4SSW N73		69
GRING PEST CONTROL SERVICE, IN	741 FOLGER AVE	1/8 - 1/4NW	W103	91
CLEARPRINT PAPER COMPANY, INC.	1482-67TH STREET	1/8 - 1/4WNWAD130		114

STATE OR LOCAL ASTM SUPPLEMENTAL

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

A review of the CA SLIC list, as provided by EDR, has revealed that there are 20 CA SLIC sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OLIVER RUBBER CO	1200 65TH ST	0 - 1/8 E	A4	9
REDEVELOPMENT AGENCY	1265 1269 OCEAN AVE	0 - 1/8 S	35	38
UC BERKELEY	UNKNOWN MURRY ST / FO	1/8 - 1/4NNW	AB113	98
MYERS DRUM CO	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC119	103
UNION OIL CO, CALIF.	901 ASHBY AVE	1/4 - 1/2NNW	AF138	130
US POSTAL SERVICE	6121 HOLLIS ST	1/4 - 1/2S	AL165	165
LIQUID SUGARS INC	1266 66TH ST	1/4 - 1/2ENE	174	177
ASPHALT PRODUCTS OIL CORPORATION	11001 ASHBY AVE	1/4 - 1/2N	AO175	179
TEMESCAL	2850 7TH ST	1/4 - 1/2NNW	193	200
MEYER SOUND	2832 SAN PABLO AVE	1/4 - 1/2NE	199	205
Lower Elevation	Address	Dist / Dir	Map ID	Page
B E P EMERYVILLE L P	6529 HOLLIS ST	0 - 1/8 WSW	D15	21
DIESEL FUEL TANK AREA FORMER	722 FOLGER AVE	1/8 - 1/4NNW	AE134	122
REDEVELOPMENT AGENCY TRANSOL	6401 BAY ST	1/4 - 1/2WSW	145	141
UNKNOWN	3707 BAY ST	1/4 - 1/2W	A1153	148
TRANSOL LANCASTE SITE	1600 64TH ST	1/4 - 1/2SW	154	149
KERNZ LIMITED	750 POTTER ST	1/4 - 1/2NW	AJ157	155
WESTINGHOUSE ELECTRIC CORP	5899 PELADEAU ST PO BOX	1/4 - 1/2S	AQ186	189
BERKELEY INDUSTRIAL COMPLEX	729 HEINZ ST	1/4 - 1/2NW	AR188	192
GARRETT FREIGHT LINES	UNKNOWN 64TH ST / LA	1/4 - 1/2SW	AS189	193
RYDER/PIE NATIONWIDE, INC.	5500 EASTSHORE HWY	1/4 - 1/2WSW	AT196	203

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

A review of the HAZNET list, as provided by EDR, has revealed that there are 65 HAZNET sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OAKLAND DIESEL DISTRIBUTORS IN	1301 65TH STREET	0 - 1/8 SE	A1	6
BACCHUS PRESS INC	1287 66TH ST	0 - 1/8 N	B2	7
OLIVER RUBBER CO	1200 65TH ST	0 - 1/8 E	A4	9
L.S.I LIQUID SUGARS INTERNATIO	1277 66TH ST	0 - 1/8 N	B6	16
CONVERSION TECHNIQUES	1309 66TH ST	0 - 1/8 NW	B7	16
AUTUMN PRESS	1280 65TH ST	0 - 1/8 SSE	A10	18
LIQUID SUGARS INC	1274 65TH ST	0 - 1/8 SSE	A11	20
OAKLAND DIESEL DISTRIBUTORS IN	1289 65TH	0 - 1/8 S	C12	20
PEETS COFFEE AND TEA	1310 65TH ST	0 - 1/8 SSW	C13	21
1X 1313 65TH ST ASSOC, CAL LTD	1313 65TH ST	0 - 1/8 SSW	C14	21
GRANCO PUMP/DIV CHALLENGE MANU	1308 67TH STREET	0 - 1/8 NNW	G26	32
1X GEO M MARTIN COMPANY	1308 67TH STREET	0 - 1/8 NNW	G27	33
BASIC LIVING PRODUCTS	1321 67TH STREET	0 - 1/8 NNW	G34	37
HEALTHSOUTH MEDICAL CLINIC	1350 OCEAN AVENUE	1/8 - 1/4S	J46	49
HFH LTD	1355 OCEAN AVENUE	1/8 - 1/4S	J53	54
FABCO DIVISION	1249 67TH ST	1/8 - 1/4NE	K57	55
FABCO DIVISION	1249 "67TH" STREET	1/8 - 1/4NE	K59	58
GEO M MARTIN CO	1250 67TH STREET	1/8 - 1/4NE	K60	59
A A PRINTING	7435 UNIVERSITY AVE	1/8 - 1/4ENE	M65	64

EXECUTIVE SUMMARY

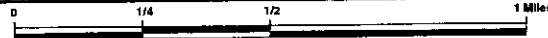
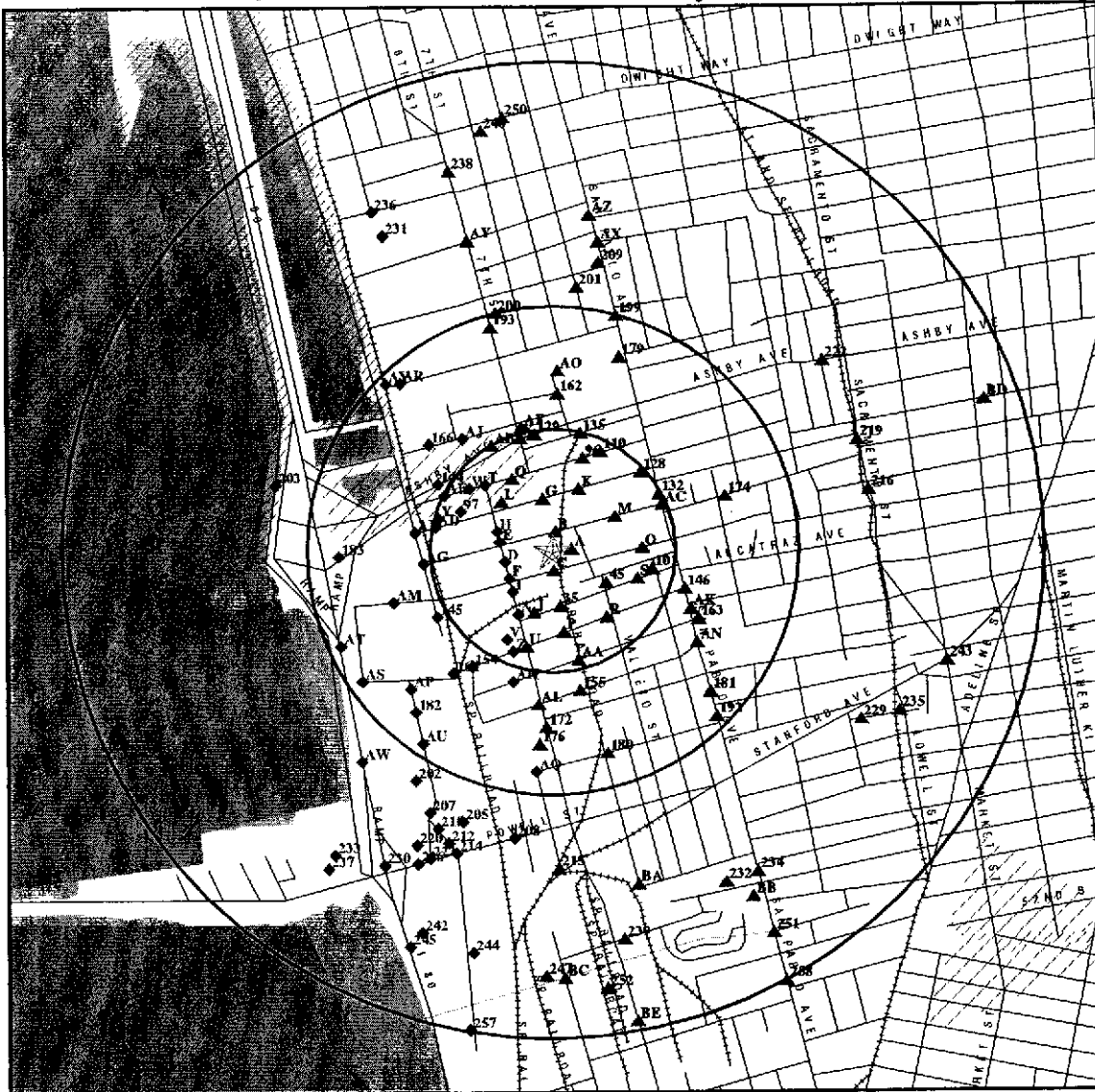
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AALBORG CISERV SAN FRANCISCO	1315 67TH STREET	1/8 - 1/4NW	L77	73
PLANT HAZARDOUS SRVC ASBESTOS	300 64TH ST	1/8 - 1/4S	P79	74
DEVOE COATINGS CO	6251 HOLLIS ST	1/8 - 1/4SSW	N81	74
DEVOE COATINGS	6251 HOLLIS	1/8 - 1/4SSW	N82	75
CITY OF EMERYVILLE REDEVELOPME	1268 64TH ST.	1/8 - 1/4SSE	R85	77
PRINT MIT PRESS	830 FOLGER AVE	1/8 - 1/4NNW	Q86	78
CITY OF EMERYVILLE	1258 64TH ST.	1/8 - 1/4SE	R87	79
JOHN NADY	1137-1167 65TH ST	1/8 - 1/4E	O90	80
ALTAIR GASSES & EQUIPMENT INC.	1171 OCEAN AVE	1/8 - 1/4ESE	S92	83
PRAXAIR	1171 OCEAN AVE	1/8 - 1/4ESE	S93	83
MORAN MOTORSPORT	1019 FOLGER ST	1/8 - 1/4NNE	96	85
BAY CITIES ENVELOPE CORP	1399 64TH ST	1/8 - 1/4SSW	U98	86
EAST BAY STEEL PRODUCTS	900 MURRAY ST	1/8 - 1/4NNW	X104	92
BAYER CORPORATION	6121 HOLLIS ST	1/8 - 1/4SSW	U108	95
TABS TOMORROW	1041A FOLGER AVE	1/8 - 1/4NNE	110	97
ANDREW ALLEN	1310 63RD STREET	1/8 - 1/4SSE	AA112	98
RINEHART OIL COMPANY	840 ASHBY AVE.	1/8 - 1/4NNW	AB114	99
RINEHART OIL COMPANY	841 ASHBY AVE	1/8 - 1/4NNW	AB117	101
MYERS DRUM CO	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC119	103
DOROTHY WARBURTON	6549 SAN PABLO AVE	1/8 - 1/4ENE	AC121	108
TOSCO CORPORATION SS#31305	901 ASHBY AVE	1/8 - 1/4NNW	X123	109
7 ELEVEN STORE 24302	901 ASHBY AVE	1/8 - 1/4NNW	X124	110
QUALITY TUNE UP #36	6598 SAN PABLO AVENUE	1/8 - 1/4ENE	AC127	111
<hr/>				
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
B E P EMERYVILLE L P	6529 HOLLIS ST	0 - 1/8	WSWD15	21
ELLIS PARTNER	6589 HOLLIS ST	0 - 1/8	W E17	25
FRANK DEWOLF	6460 HOLLIS ST	0 - 1/8	WSWF19	26
RIX INDUSTRIES-FRANK DEWOLF	6460 HOLLIS ST	0 - 1/8	WSWF20	26
SUPERGEN	6450 HOLLIS ST	0 - 1/8	SW F21	28
B-E-P EMERYVILLE, LP	1400 65TH ST	0 - 1/8	SW F24	30
ROLLER PRESS INC	6647 HOLLIS ST	0 - 1/8	WNWH36	39
JOSEPH T RYERSON SONS INC	1465 65TH ST	0 - 1/8	SW F37	40
MCGRATH STEEL COMPANY	6655 HOLLIS ST	0 - 1/8	WNWH44	45
GRAPHIC COATING INC	6355 HOLLIS ST	1/8 - 1/4SW	I52	53
EMERYVILLE FIRE STATION #2	6303 HOLLIS STREET	1/8 - 1/4SSW	N74	69
FIRE STATION #2	6303 HOLLIS ST	1/8 - 1/4SSW	N75	71
CITY OF EMERYVILLE	6300 HOLLIS ST.	1/8 - 1/4SSW	N76	72
UNITECH AUTO SERVICE	753 FOLGER AVE	1/8 - 1/4NW	T94	84
TIRE AND ALIGNMENT CENTER	751 FOLGER	1/8 - 1/4NW	T95	84
GRING PEST CONTROL SERVICE, IN	741 FOLGER AVE	1/8 - 1/4NW	W103	91
ADMAC PRE-PRESS INC	1464 67TH ST	1/8 - 1/4NNW	WY105	93
1X LAWRENCE BERKELEY LAB	1450 64TH ST	1/8 - 1/4SSW	Z106	94
LAWRENCE BERKELEY LAB	1450 64TH ST	1/8 - 1/4SSW	Z107	94
METALCO	1475 67TH STREET	1/8 - 1/4NNW	WY118	101
COLTER STEEL & FORGE	1494 67TH ST.	1/8 - 1/4NNW	WY125	110
CLEARPRINT PAPER COMPANY, INC.	1482-67TH STREET	1/8 - 1/4NNW	WAD130	114
CLEARPRINT PAPER CO., INC.	1482 67TH ST	1/8 - 1/4NNW	WAD131	118

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
FOURTH AND HARRISON STREETS SITE	Cal-Sites
63RD STREET TRUNK SEWER PROJECT	Cal-Sites
CYPRESS FREEWAY/BIKEWAY PROJECT	Cal-Sites
OROVILLE TEXACO	Notify 65, LUST
BERKELEY BUSINESS CENTER	LUST
HOLLIS STREET INVESTORS	LUST
WESTINGHOUSE ELECTRIC	LUST
FORMER OAKLAND DIESEL	LUST
ASHBY TEXACO	UST
DELTA LINES	UST
FEDERAL EXPRESS	UST
STEVES AUTO CARE	HAZNET
PREMIER AUTO BODY	HAZNET
WALGREENS #2609	HAZNET
EXXON CO USA #78465	HAZNET
PPG IND INC LOC #1855 & 2156	RCRIS-SQG, FINDS, HAZNET
CITY OF EMERYVILLE /PUBLICWORKS	HAZNET
ARTYPE	HAZNET
EMERYVILLE REDEVELOPMENT AGENCY	HAZNET
MYERS CONTAINER CORP	HAZNET
EQUILON ENTERPRISES LLC	HAZNET
UC BERKELEY MARCHANT BLDG	HAZNET
UC BERKELEY-MARCHANT	HAZNET
DTSC/SAN LEANDRO PLUME	HAZNET
CALTRANS BERKELEY	RCRIS-SQG, FINDS
U C BERKELEY MARCHANT	RCRIS-SQG, FINDS
BERKELEY AUTO REPAIR	CA SLIC

OVERVIEW MAP - 0603930.1r - Lowney Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▨ Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Wetlands

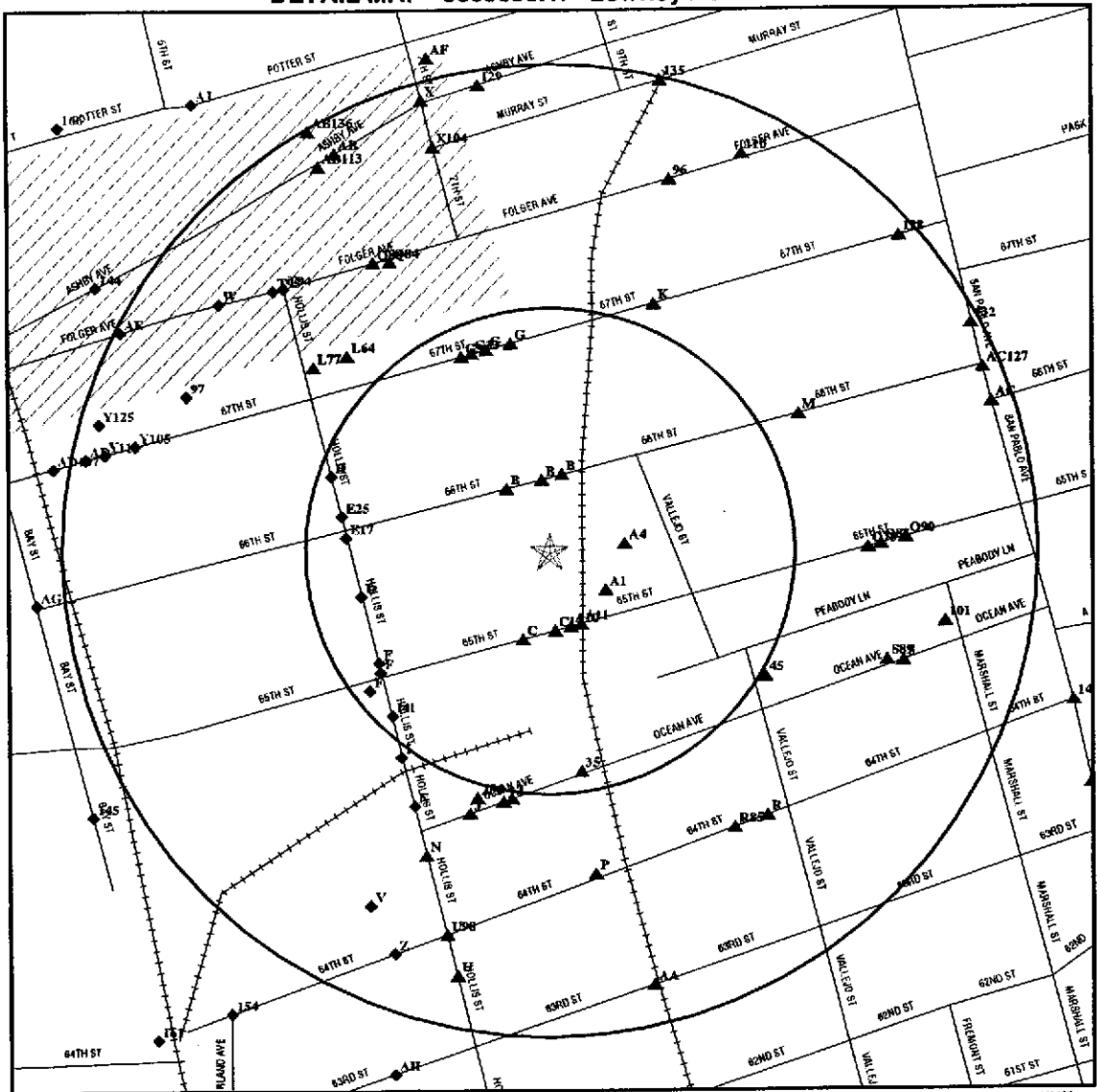
▨ Areas of Concern



TARGET PROPERTY: Liquid Sugar Ph I
 ADDRESS: 1269 66th St/1274 65th St.
 CITY/STATE/ZIP: Emeryville CA 94608
 LAT/LONG: 37.8478 / 122.2891

CUSTOMER: Lowney Associates
 CONTACT: Mark Arniola
 INQUIRY #: 0603930.1r
 DATE: March 07, 2001 12:43 pm

DETAIL MAP - 0603930.1r - Lowney Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ◆ Sensitive Receptors
- ▨ National Priority List Sites
- ▨ Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Areas of Concern

TARGET PROPERTY:	Liquid Sugar Ph I	CUSTOMER:	Lowney Associates
ADDRESS:	1269 66th St/1274 65th St.	CONTACT:	Mark Arniola
CITY/STATE/ZIP:	Emeryville CA 94608	INQUIRY #:	0603930.1r
LAT/LONG:	37.8478 / 122.2891	DATE:	March 07, 2001 12:46 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	1	1	NR	NR	NR	2
RCRIS Sm. Quan. Gen.		0.250	7	9	NR	NR	NR	16
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	1	0	0	NR	1
Cal-Sites		1.000	0	2	6	14	NR	22
CHMIRS		1.000	0	2	0	12	NR	14
Cortese		1.000	4	8	24	26	NR	62
Notify 65		1.000	0	2	0	4	NR	6
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	1	NR	NR	1
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	10	23	36	NR	NR	69
UST		0.250	11	17	NR	NR	NR	28
CA Bond Exp. Plan		1.000	0	0	1	1	NR	2
CA FID UST		0.250	5	8	NR	NR	NR	13
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	3	3	14	NR	NR	20

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HAZNET		0.250	22	43	NR	NR	NR	65
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
Database(s) EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1
SE
< 1/8
187
Higher

OAKLAND DIESEL DISTRIBUTORS IN
1301 65TH STREET
EMERYVILLE, CA 94608

HAZNET S100940966
LUST N/A

Site 1 of 4 in cluster A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-0753
Reg Board: San Francisco Bay Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 01000
Case Type: Other ground water affected
Status: Signed off, remedial action completed or deemed unnecessary
County: Alameda
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: 08/07/96
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 11/17/95
Release Date: 07/15/88
Cleanup Fund Id: Not reported
Discover Date: 07/15/1988
Enforcement Dt: Not reported
Enf Type: N
Enter Date: 03/24/94
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim: Yes
Lat/Lon: 37.847078 / -122.289401
Leak Cause: Structure Failure
Leak Source: Tank
Local Case #: 363
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NT
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 08/07/96
Stop Date: 07/15/1988
Street Number: 1301
Work Suspended: N

Confirm Leak: Not reported
Prelim Assess: 06/08/88
Remed Plan: Not reported
Monitoring: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OAKLAND DIESEL DISTRIBUTORS IN (Continued) S100940966

Responsible Party: Not reported
 Summary: 1,2-DCE TCE GW, MONITORING ONLY. REQ CASE CLOSURE 9/14/95; CASE CLOSED!!

LUST Region 2:
 Region: 2
 Facility Id: 01-0753
 Entered Date: 03/24/1994
 Facility Status: Signed off, remedial action completed or deemed unnecessary
 Maximum Soil Concentration: 220
 Maximum Groundwater Impact: 9999999
 Current Benzene: 31
 Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

HAZNET:
 Gepaid: CAL000039583 Tepaid: CAT080010101
 Contact: CORPORATION Telephone: (510) 652-1690
 Gen County: 37 Tsd County: San Diego
 Tons: 0.3544
 Category: Alkaline solution without metals (pH > 12.5)
 Disposal Method: Treatment, Tank
 Mailing Address: PO BOX 88215
 EMERYVILLE, CA 94662
 County: Not reported

B2
 North
 < 1/8
 196
 Higher

BACCHUS PRESS INC
 1287 66TH ST
 EMERYVILLE, CA 94608

HAZNET S100930389
 N/A

Site 1 of 7 in cluster B

HAZNET:
 Gepaid: CAL922484140 Tepaid: CAD089446710
 Contact: MANSOOR ASSADI Telephone: (510) 482-5373
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.2293
 Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Mailing Address: 1287 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County: Not reported

Gepaid: CAL922484140 Tepaid: CAT000613976
 Contact: MANSOOR ASSADI Telephone: (510) 482-5373
 Gen County: 30 Tsd County: Orange
 Tons: 0.0417
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Not reported
 Mailing Address: 1287 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BACCHUS PRESS INC (Continued)

S100930389

Gepaid: CAL922484140 Tepageid: CA0000084517
 Contact: MANSOOR ASSADI Telephone: (510) 482-5373
 Gen County: 34 Tsd County: Sacramento
 Tons: 0

Category:
 Disposal Method Transfer Station
 Mailing Address: 1287 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County Not reported

Gepaid: CAL922484140 Tepageid: CA0000084517
 Contact: MANSOOR ASSADI Telephone: (510) 482-5373
 Gen County: 34 Tsd County: Sacramento
 Tons: 0.0834

Category: Photochemicals/photoprocessing waste
 Disposal Method Transfer Station
 Mailing Address: 1287 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County Not reported

Gepaid: CAL922484140 Tepageid: CAD003963592
 Contact: MANSOOR ASSADI Telephone: (510) 482-5373
 Gen County: 43 Tsd County: Santa Clara
 Tons: 0.0834

Category: Photochemicals/photoprocessing waste
 Disposal Method Recycler
 Mailing Address: 1287 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County Not reported

The CA HAZNET database contains 2 additional records for this site.
 Please contact your EDR Account Executive for more information.

B3
 North
 < 1/8
 196
 Higher

BACCHUS PRESS
 1287 66TH ST
 EMERYVILLE, CA 94608
 Site 2 of 7 in cluster B

RCRIS-SQG 1000136401
 FINDS CAD085335354

RCRIS:
 Owner: MANSOOR ASSADI
 (510) 420-5800
 Contact: ENVIRONMENTAL MANAGER
 (415) 653-9633

Record Date: 08/20/1991
 Classification: Small Quantity Generator
 Used Oil Recycle: No
 Violation Status: No violations found

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
A4	East	< 1/8	207	Higher	OLIVER RUBBER CO 1200 65TH ST OAKLAND, CA 94608 Site 2 of 4 in cluster A	FINDS RCRIS-LQG TRIS FTTS UST CA FID UST LUST HAZNET CA SLIC	1000921585	CAD000911343

FTTS:
 Region: 9
 Inspected Date: 08/31/1990
 Insp Number: 08/31/1990
 Violation occurrences: 1
 Inspector: CZAJKOWSKI
 Investigation Type: Section 6 PCB Federal Conducted
 Facility Function: User
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

RCRIS:
 Owner: STANDARD PRODUCTS CO
 (216) 281-8300
 Contact: DAVID KUHRE
 (510) 654-7711
 Record Date: 09/01/1996
 Classification: Large Quantity Generator
 Used Oil Recycle: No
 Violation Status: violations exist
 Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 01/16/1985
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: Not reported
 Actual Date Achieved Compliance: 11/14/1985

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	11/14/1985

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Enforcement Docket System (DOCKET)
 National Compliance Database (NCDB)

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-1091
 Reg Board: San Francisco Bay Region
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 01000
 Case Type: Soil only

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OLIVER RUBBER CO (Continued)

1000921585

Status: Signed off, remedial action completed or deemed unnecessary
County: Alameda
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 06/20/95 Confirm Leak: Not reported
Workplan: 09/10/92 Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 6/1/95
Release Date: 03/08/85
Cleanup Fund Id: Not reported
Discover Date: 03/08/1985
Enforcement Dt: Not reported
Enf Type: N
Enter Date: 03/08/85
Funding: Federal Funds
Staff initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim: No
Lat/Lon: 37.84779 / -122.28675
Leak Cause: Structure Failure
Leak Source: Tank
Local Case #: 1330
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NRQ
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 06/20/95
Stop Date: 03/08/1985
Street Number: 1200
Work Suspended: Not reported
Responsible Party: Not reported
Summary: ARCHIVED 6/6/96 CONTROL NO 120-084 SRC 0904734

LUST Region 2:

Region: 2
Facility Id: 01-1091
Entered Date: 03/08/1985
Facility Status: Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration: 1500
Maximum Groundwater Impact: Not reported
Current Benzene: Not reported
Current MTBE: Not reported
Maximum MTBE Groundwater: Not reported
MTBE Quali: Not reported

LUST Alameda County:

Region: ALAMEDA
Facility Id: 1330
Status: 9

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OLIVER RUBBER CO (Continued)

1000921585

Facility Type : S
Case Closed : Y
Date Case Closed : 6/1/95
Contact : David Kuhre
Contact Company : Oliver Tire & Rubber Company
Clean up Fund : -0-
LOP Status : I
Tank Removal : I
SLIC : -0-
Priority Code : HIGH/Fast Action/RP Clos Reqst
Inspector Initial : CL
Leak Source : F
Substance : Diesel
Date Reported : 7/1/92
Date Confirmed : 6/24/92
Multiple Responsible Parties : No
Emergency Resp Date : -0-
Research : S
Date RP was Sent Notice : 7/21/92
Preliminary Investigation : C
Begin Date : 6/25/92
End Date : 10/1/92
Remedial Investigation : C
RI Begin Date : 10/1/92
RI End Date : 7/14/93
Remediation Action : C
Remediation Begin Date : 10/1/92
Remediation End Date : 7/14/93
Post Remedial Monitoring : -0-
PRM Begin Date : -0-
PRM End Date : -0-
Enforcement Type : 1
Enf Action Date : 7/21/92
LUFT Category : 2HSCAWG
Excavation began : 11/1/91
Remedial Action Occured : ED
Contact Address : 1200 85th Street
Emeryville, California 94608
Contact Phone : -0-
RP Cost : 0.00
Comments : 4
Last Correspondence : 5/24/99
Flag Date : -0-
Location : -0-
LOP Entry : 7/15/92
LOP Edit : 05/28/1999
LOP Flag : -0-

HAZNET:

Gepaid: CAD009113473 Tepad: AZD009015389
Contact: THE STANDARD PRODUCTS COMPANY Telephone: (810) 299-7798
Gen County: 99 Tsd County: 99
Tons: 0.2085
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Mailing Address: 165 DOUGHERTY STREET
ATHENS, GA 30601 - 1111
County: Not reported

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation		Database(s)	EDR ID Number
Site			EPA ID Number

OLIVER RUBBER CO (Continued)

1000921585

Gepaid:	CAD009113473	Tepaid:	AZD009015389
Contact:	THE STANDARD PRODUCTS COMPANY	Telephone:	(810) 299-7798
Gen County:	99	Tsd County:	99
Tons:	0.6255		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Not reported		
Mailing Address:	165 DOUGHERTY STREET		
	ATHENS, GA 30601 - 1111		
County:	Not reported		

Gepaid:	CAD009113473	Tepaid:	AZD009015389
Contact:	THE STANDARD PRODUCTS COMPANY	Telephone:	(810) 299-7798
Gen County:	99	Tsd County:	99
Tons:	0.2085		
Category:	Liquids with pH <UN-> 2		
Disposal Method:	Not reported		
Mailing Address:	165 DOUGHERTY STREET		
	ATHENS, GA 30601 - 1111		
County:	Not reported		

Gepaid:	CAD009113473	Tepaid:	CAD009452657
Contact:	THE STANDARD PRODUCTS COMPANY	Telephone:	(810) 299-7798
Gen County:	41	Tsd County:	San Mateo
Tons:	3.2109		
Category:	Unspecified oil-containing waste		
Disposal Method:	Disposal, Other		
Mailing Address:	165 DOUGHERTY STREET		
	ATHENS, GA 30601 - 1111		
County:	Not reported		

Gepaid:	CAD009113473	Tepaid:	CAD982042475
Contact:	THE STANDARD PRODUCTS COMPANY	Telephone:	(810) 299-7798
Gen County:	48	Tsd County:	Solano
Tons:	1.6856		
Category:	Asbestos-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	165 DOUGHERTY STREET		
	ATHENS, GA 30601 - 1111		
County:	Not reported		

The CA HAZNET database contains 30 additional records for this site. Please contact your EDR Account Executive for more information.

FID:			
Facility ID:	01001207	Regulate ID:	00050156
Reg By:	Active Underground Storage Tank Location	Location:	
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 654-7711
Mail To:	Not reported		
	1200 65TH ST		
	EMERYVILLE, CA 94608		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OLIVER RUBBER CO (Continued)

1000921585

SLIC Region 2:

Facility ID: 01S0069
Region: 2
Facility Status: Inactive
Staff: DCL
Last Site Update: 01/05/1999
NPL Status: Not an NPL site
Case Type: NT
Contamination: Not reported
Lead: RWQCB
Contamination Level: Not reported
Number of Municipal Wells Contaminated by Site: 0
Number of Private Wells Contaminated by Site: 0
Soil Removal Action Taken/Needed: Not reported
Soil Removal or Contaminant Action Started: Not reported
Soil Removal or Contaminant Action Completed: Not reported
On-Site Groundwater Extraction or Containment is Needed: Not reported
On-Site Groundwater Extraction or Containment Started: Not reported
Off-Site Groundwater Extraction or Containment is Needed: Not reported
Off-Site Groundwater Extraction or Containment Started: Not reported
Length of Contamination Plume (Feet): 0
Depth of Contamination Plume (Feet): 0
Wells Closed Due To Contamination of Site: Not reported
Date of Wells Closure: Not reported
Nearest Public or Private Drinking Water Well (Feet): 0
Under Jurisdiction of Lead Agency Date: Not reported
Latitude/Longitude: 38 / -122
Flow Rate: 0
Flow Date: Not reported
Percent of Contaminants Contained: 0
Contaminant Type: Not reported
EPA ID: Not reported
Stages of Site Investigation Process Initiated:
Begun Characterization : Not reported
Completed Characterization : Not reported
Begun Remediation: Not reported
Completed Remediation: Not reported
Submitted Remediation Plan: Not reported
Approved Remediation Plan: Not reported
Begun Final Remedial Action: Not reported
Completed Final Remedial Action: Not reported
Facility Desc: Not reported
Comment: 010599 - NO FURTHER ACTION/COMFORT LETTER

State UST:

Facility ID: 50156
Tank Num: 1
Tank Capacity: 5000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: NEIL ARNOLD, MANUFACTURING MGR
Total Tanks: 5
Facility Type: 2
Container Num: #1
Year Installed: 1956
Tank Constrcn: 1/4" inches
Phone: (415) 654-7711
Region: STATE
Other Type: RUBBER MANUFACTURER

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OLIVER RUBBER CO (Continued)

1000921585

Facility ID: 50156
 Tank Num: 2
 Tank Capacity: 5000
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: NEIL ARNOLD, MANUFACTURING MA
 Total Tanks: 5
 Facility Type: 2

Container Num: #2
 Year Installed: 1956
 Tank Constrctn: 1/4 inches
 Telephone: (415) 654-7711
 Region: STATE
 Other Type: RUBBER MANUFACTURER

Facility ID: 50156
 Tank Num: 3
 Tank Capacity: 5000
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: NEIL ARNOLD, MANUFACTURING MA
 Total Tanks: 5
 Facility Type: 2

Container Num: #3
 Year Installed: 1956
 Tank Constrctn: 1/4 inches
 Telephone: (415) 654-7711
 Region: STATE
 Other Type: RUBBER MANUFACTURER

Facility ID: 50156
 Tank Num: 4
 Tank Capacity: 8000
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: NEIL ARNOLD, MANUFACTURING MA
 Total Tanks: 5
 Facility Type: 2

Container Num: #4
 Year Installed: Not reported
 Tank Constrctn: 1/4 inches
 Telephone: (415) 654-7711
 Region: STATE
 Other Type: RUBBER MANUFACTURER

Facility ID: 50156
 Tank Num: 5
 Tank Capacity: 5000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Leak Detection: None
 Contact Name: NEIL ARNOLD, MANUFACTURING MA
 Total Tanks: 5
 Facility Type: 2

Container Num: #5
 Year Installed: Not reported
 Tank Constrctn: Not reported
 Telephone: (415) 654-7711
 Region: STATE
 Other Type: RUBBER MANUFACTURER

UST San Francisco County:

Facility ID: 1330
 Tank ID: Not reported
 Tank Owner: Not reported
 Manufacturer: Not reported
 Contact Name: Not reported
 Other Interior Lining: Not reported
 Received Date: Not reported
 Certified Date: 7/6/93 0:00
 Drop Tube: Not reported
 Striker Plate: Not reported
 Contents A: Not reported
 Contents B: Not reported
 Contents C: Not reported
 Mailing Address: Not reported
 Other Substance: Not reported
 Tank Construction Type: Not reported

Case Number: Not reported
 Tank Capacity: Not reported
 Date Installed: Not reported
 Ust Number: 0
 Close Date: 6/11/93 0:00
 Dispencer: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

OLIVER RUBBER CO (Continued)

1000921585

Tank Material: Not reported
Interior Lining: Not reported
Corrosion Protection: Not reported
Spill Contamination Installed Date: Not reported
Overfill Prevention Installed Date: Not reported
Piping Type: Not reported
Piping Aboveground: Not reported
Piping Underground: Not reported
Piping Construction: Not reported
Piping Construction Aboveground: Not reported
Piping Construction Underground: Not reported
Piping Material: Not reported
Piping Material Aboveground: Not reported
Piping Material Underground: Not reported
Pipe Leak Detection: Not reported
Estimated Last Date Used: Not reported
Estimated Quantity Remaining: Not reported
Inert Filling: Not reported
Jurisdiction: Not reported
Other Tank System: Not reported
Other Tank Material: Not reported
Other Tank Leak Detection: Not reported
Other Pipe Leak Detection: Not reported
Methanol Compatible: Not reported

UST Alameda County:

Region : ALAMEDA
Facility Id : 1330
Total Tanks : 0
Contact Name : G. B. Hampton
Permit Date : -0-
Storage Tank Addr : 1200 65th St
Bill Id : T21064
Facility Owner : Removed 4 Ust
0 P. O. Box 8447

Emeryville, CA 94662
State Number : 50156
Underground Tank Fee : 0
Financial Responsibility : -0-
Facility Tele : 654-7711
Emergency Daytime Number : 933-2782
Emergency Night Number : -0-
Facility Status : R
State Id : 50156001
System Entry : 06/16/1993
System Edit : -0-
Last Inspection : 05/24/1993
Bill Date : 12/15/87
Flag : -0-
Date Letter Sent : -0-
Inspector : BO
Letter History : NewRegs8/92;
Permit History : 5 UST Permitted Removed 3 UST already. 1 UST REMOVED 6/24/93 (#5 is only US'

95 KNOPP INC
NW 1307 66TH ST
< 1/8 EMERYVILLE, CA 94608
205
Higher Site 3 of 7 in cluster B

RCRIS-SQG 1000349371
FINDS CAD982010597

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

Database(s) EDR ID Number
EPA ID Number

KNOPP INC (Continued)

1000349371

RCRIS:
Owner: ALEX FINLAY
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 653-1661
Record Date: 07/06/1987
Classification: Small Quantity Generator
Used Oil RecydNo
Violation StatusNo violations found

B6
North
< 1/8
208
Higher

L.S.I LIQUID SUGARS INTERNATIONAL
1277 66TH ST
EMERYVILLE, CA 94608

HAZNET S104572113
N/A

Site 4 of 7 in cluster B

HAZNET:
Gepaid: CAC002215281 Tepaid: CAD982042475
Contact: L.S.I LIQUID SUGARS INTL Telephone: (510) 777-4711
Gen County: 48 Tsd County: Solano
Tons: 16.856
Category: Asbestos-containing waste
Disposal MethodDisposal, Land Fill
Mailing Address:7801 EDGEWATER DR
OAKLAND, CA 94621
County Not reported

B7
NW
< 1/8
210
Higher

CONVERSION TECHNIQUES
1309 66TH ST
EMERYVILLE, CA 94608

RCRIS-SQG 1000431672
FINDS CAD982027872
HAZNET

Site 5 of 7 in cluster B

RCRIS:
Owner: JOHN SIAU
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 654-9292
Record Date: 08/26/1987
Classification: Small Quantity Generator
Used Oil RecydNo
Violation StatusNo violations found

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONVERSION TECHNIQUES (Continued)

1000431672

HAZNET:

Gepaid: CAD982027872 Tepageid: CAT000613893
 Contact: Not reported Telephone: (000) 000-0000
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.102
 Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Not reported
 Mailing Address: 1309 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County: Not reported

Gepaid: CAD982027872 Tepageid: CAT000613893
 Contact: Not reported Telephone: (000) 000-0000
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.156
 Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Transfer Station
 Mailing Address: 1309 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County: Not reported

Gepaid: CAD982027872 Tepageid: CAT000613893
 Contact: Not reported Telephone: (000) 000-0000
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.027
 Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Not reported
 Mailing Address: 1309 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County: Not reported

Gepaid: CAD982027872 Tepageid: CAT000613893
 Contact: Not reported Telephone: (000) 000-0000
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.138
 Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Transfer Station
 Mailing Address: 1309 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County: Not reported

Gepaid: CAD982027872 Tepageid: CAT000613950
 Contact: Not reported Telephone: (000) 000-0000
 Gen County: 34 Tsd County: Sacramento
 Tons: 0.09
 Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Transfer Station
 Mailing Address: 1309 66TH ST
 EMERYVILLE, CA 94608 - 1116
 County: Not reported

The CA HAZNET database contains 8 additional records for this site.
 Please contact your EDR Account Executive for more information.

B8 LIQUID SUGARS INC
 North 1275 66TH ST
 < 1/8 EMERYVILLE, CA 94608
 213
 Higher Site 6 of 7 in cluster B

Cortese S101293468
 LUST N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

EDR ID Number
 Database(s) EPA ID Number

LIQUID SUGARS INC (Continued)

S101293468

LUST Region 2:

Region: 2
 Facility Id: 01-0917
 Entered Date: 02/19/1991
 Facility Status: Preliminary site assessment underway
 Maximum Soil Concentration: 10300
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE : 40
 Maximum MTBE Groundwater: 40
 MTBE Quali: Not reported

CORTESE:

Reg By: LTNKA
 Reg Id: 01-0917
 Region: CORTESE

B9
 North
 < 1/8
 213
 Higher

CALAG PRODUCTS, INC.
 1275 66TH ST
 EMERYVILLE, CA 94608

UST U001599256
 N/A

Site 7 of 7 in cluster B

State UST:

Facility ID: 53253
 Tank Num: 1
 Tank Capacity: 2000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Leak Detection: Stock Inventor
 Contact Name: R. MOONEY
 Total Tanks: 3
 Facility Type: 2

Container Num: 7
 Year Installed: Not reported

Tank Constrctn: 1/4 inches

Telephone: (415) 420-7181
 Region: STATE
 Other Type: Not reported

Facility ID: 53253
 Tank Num: 2
 Tank Capacity: 10000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Leak Detection: Stock Inventor
 Contact Name: R. MOONEY
 Total Tanks: 3
 Facility Type: 2

Container Num: 2
 Year Installed: Not reported

Tank Constrctn: 1/4 inches

Telephone: (415) 420-7181
 Region: STATE
 Other Type: Not reported

Facility ID: 53253
 Tank Num: 3
 Tank Capacity: 2000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Leak Detection: Stock Inventor
 Contact Name: R. MOONEY
 Total Tanks: 3
 Facility Type: 2

Container Num: 3
 Year Installed: Not reported

Tank Constrctn: 1/4 inches

Telephone: (415) 420-7181
 Region: STATE
 Other Type: Not reported

A10
 SSE
 < 1/8
 214
 Higher

AUTUMN PRESS
 1280 65TH ST
 EMERYVILLE, CA 94608
 Site 3 of 4 in cluster A

RCRIS-SQG 1000819740
 FINDS CAD983657388
 HAZNET

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AUTUMN PRESS (Continued)

1000819740

RCRIS:
 Owner: MIGUAL ALSON
 (510) 654-4545
 Contact: JIN KIM
 (510) 654-4545
 Record Date: 01/20/1993
 Classification: Small Quantity Generator
 Used Oil RecyclNo
 Violation StatusNo violations found

HAZNET:
 Gepaid: CAD983657388 Tepad: CAD981161367
 Contact: MIGUAL ALSON Telephone: (000) 000-0000
 Gen County: 21 Tsd County: Marin
 Tons: 0.6672
 Category: Photochemicals/photoprocessing waste
 Disposal MethodRecycler
 Mailing Address:1280 65TH ST
 EMERYVILLE, CA 94608
 County Not reported
 Gepaid: CAD983657388 Tepad: CAD070148432
 Contact: MIGUAL ALSON Telephone: (000) 000-0000
 Gen County: 1 Tsd County: 1
 Tons: 0.5034
 Category: Photochemicals/photoprocessing waste
 Disposal MethodTreatment, Incineration
 Mailing Address:1280 65TH ST
 EMERYVILLE, CA 94608
 County Not reported
 Gepaid: CAD983657388 Tepad: CA0000084517
 Contact: MIGUAL ALSON Telephone: (000) 000-0000
 Gen County: 34 Tsd County: Sacramento
 Tons: 0.5004
 Category: Photochemicals/photoprocessing waste
 Disposal MethodTransfer Station
 Mailing Address:1280 65TH ST
 EMERYVILLE, CA 94608
 County Not reported
 Gepaid: CAD983657388 Tepad: CAD070148432
 Contact: MIGUAL ALSON Telephone: (000) 000-0000
 Gen County: 1 Tsd County: 1
 Tons: 0.2502
 Category: Photochemicals/photoprocessing waste
 Disposal MethodRecycler
 Mailing Address:1280 65TH ST
 EMERYVILLE, CA 94608
 County Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)			
Elevation		Database(s)	EPA ID Number
Site			

AUTUMN PRESS (Continued)

1000819740

Gepaid: CAD983657388	Tepaid: CA0000084517
Contact: MIGUAL ALSON	Telephone: (000) 000-0000
Gen County: 34	Tsd County: Sacramento
Tons: 0.2502	
Category: Photochemicals/photoprocessing waste	
Disposal Method: Transfer Station	
Mailing Address: 1280 65TH ST	
EMERYVILLE, CA 94608	
County: Not reported	

The CA HAZNET database contains 2 additional records for this site.
Please contact your EDR Account Executive for more information.

A11	LIQUID SUGARS INC		HAZNET S103627189
SSE	1274 65TH ST		N/A
< 1/8	EMERYVILLE, CA 94608		
217			
Higher	Site 4 of 4 in cluster A		

HAZNET:			
Gepaid: CAC000773448	Tepaid: CAD982042475		
Contact: LIQUID SUGARS INC	Telephone: (510) 420-7160		
Gen County: 48	Tsd County: Solano		
Tons: 11.7992			
Category: Asbestos-containing waste			
Disposal Method: Disposal, Land Fill			
Mailing Address: 1274 65TH ST			
EMERYVILLE, CA 94608			
County: Not reported			

C12	OAKLAND DIESEL DISTRIBUTORS INC		HAZNET S103979755
South	1289 65TH		N/A
< 1/8	EMERYVILLE, CA 94608		
217			
Higher	Site 1 of 3 in cluster C		

HAZNET:			
Gepaid: CAL000083275	Tepaid: CAD097030993		
Contact: OAKLAND INC	Telephone: (000) 000-0000		
Gen County: 19	Tsd County: Los Angeles		
Tons: 0.8131			
Category: Liquids with pH <UN-> 2			
Disposal Method: Recycler			
Mailing Address: PO BOX 88215			
EMERYVILLE, CA 94662 - 0215			
County: Not reported			
HAZNET:			
Gepaid: CAL000083275	Tepaid: CAL000161741		
Contact: OAKLAND INC	Telephone: (000) 000-0000		
Gen County: 1	Tsd County: 1		
Tons: 0.6255			
Category: Unspecified oil-containing waste			
Disposal Method: Transfer Station			
Mailing Address: PO BOX 88215			
EMERYVILLE, CA 94662 - 0215			
County: Not reported			

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

OAKLAND DIESEL DISTRIBUTORS INC (Continued)

S103979755

Gepaid:	CAL000083275	Tepaid:	CAT000646117
Contact:	OAKLAND INC	Telephone:	(000) 000-0000
Gen County:	16	Tsd County:	Kings
Tons:	0.8		
Category:	Other inorganic solid waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	PO BOX 88215		
	EMERYVILLE, CA 94662 - 0215		
County:	Not reported		

C13
 SSW
 < 1/8
 250
 Higher

PEETS COFFEE AND TEA
 1310 65TH ST
 EMERYVILLE, CA 94608
 Site 2 of 3 in cluster C

HAZNET S103628006
 N/A

HAZNET:			
Gepaid:	CAP600927646	Tepaid:	CAD000088252
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.1251		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Transfer Station		
Mailing Address:	00000		
County:	Not reported		
Gepaid:	CAP600927646	Tepaid:	CAD000088252
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.0208		
Category:	Latex waste		
Disposal Method:	Transfer Station		
Mailing Address:	00000		
County:	Not reported		

C14
 SSW
 < 1/8
 259
 Higher

1X 1313 65TH ST ASSOC, CAL LTD PTNSHP
 1313 65TH ST
 EMERYVILLE, CA 94608
 Site 3 of 3 in cluster C

HAZNET S100925403
 N/A

HAZNET:			
Gepaid:	CAC000895608	Tepaid:	CAL000027741
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	5	Tsd County:	5
Tons:	6.7424		
Category:	Asbestos-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	ATT: ED PETERSON		
	OAKLAND, CA 94612		
County:	Not reported		

D15
 WSW
 < 1/8
 525
 Lower

B E P EMERYVILLE L P
 6529 HOLLIS ST
 EMERYVILLE, CA 94608
 Site 1 of 2 in cluster D

RCRIS-SQG 1000429725
 FINDS CAD066564824
 HAZNET
 CA SLIC

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

B E P EMERYVILLE L P (Continued)

1000429725

RCRIS:

Owner: B E P EMERYVILLE L P
(415) 391-9800

Contact: Not reported

Record Date: 08/18/1998

Classification: Small Quantity Generator

Used Oil Recy: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

HAZNET:

Gepaid: CAD066564824
Contact: GROVE ITALIA SPA
Gen County: 41
Tons: 0.2375

Tepaid: CAD009452657
Telephone: (214) 740-6000
Tsd County: San Mateo

Category: Disposal Method: Disposal, Other
Mailing Address: 11100 WEST AIRPORT BLVD
STAFFORD, TX 77477
County: Not reported

Gepaid: CAD066564824
Contact: GROVE ITALIA SPA
Gen County: 41
Tons: 0.5043

Tepaid: CAD009452657
Telephone: (214) 740-6000
Tsd County: San Mateo

Category: Unspecified solvent mixture Waste
Disposal Method: Disposal, Other
Mailing Address: 11100 WEST AIRPORT BLVD
STAFFORD, TX 77477
County: Not reported

Gepaid: CAD066564824
Contact: GROVE ITALIA SPA
Gen County: 41
Tons: 11.876

Tepaid: CAD009452657
Telephone: (214) 740-6000
Tsd County: San Mateo

Category: Waste oil and mixed oil
Disposal Method: Disposal, Other
Mailing Address: 11100 WEST AIRPORT BLVD
STAFFORD, TX 77477
County: Not reported

Gepaid: CAD066564824
Contact: GROVE ITALIA SPA
Gen County: 41
Tons: 19.2445

Tepaid: CAD009452657
Telephone: (214) 740-6000
Tsd County: San Mateo

Category: Waste oil and mixed oil
Disposal Method: Recycler
Mailing Address: 11100 WEST AIRPORT BLVD
STAFFORD, TX 77477
County: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

B E P EMERYVILLE L P (Continued)

1000429725

Gepaid:	CAD066564824	Tepaid:	CAD009452657
Contact:	GROVE ITALIA SPA	Telephone:	(214) 740-6000
Gen County:	41	Tsd County:	San Mateo
Tons:	2.6935		
Category:	Other organic solids		
Disposal Method:	Disposal, Other		
Mailing Address:	11100 WEST AIRPORT BLVD		
	STAFFORD, TX 77477		
County:	Not reported		

The CA HAZNET database contains 39 additional records for this site.
 Please contact your EDR Account Executive for more information.

SLIC Region 2:

Facility ID:	01S0298	Discovery Date:	Not reported
Region:	2	Sample Date:	Not reported
Facility Status:	Inactive		
Staff:	DCL		
Last Site Update:	08/03/1994		
NPL Status:	Not an NPL site		
Case Type:	Not reported		
Contamination:	Not reported		
Lead:	RWQCB		
Contamination Level:			Not reported
Number of Municipal Wells Contaminated by Site:	0		
Number of Private Wells Contaminated by Site:	0		
Soil Removal Action Taken/Needed:			Not reported
Soil Removal or Contaminant Action Started:			Not reported
Soil Removal or Contaminant Action Completed:			Not reported
On-Site Groundwater Extraction or Containment is Needed:			Not reported
On-Site Groundwater Extraction or Containment Started:			Not reported
Off-Site Groundwater Extraction or Containment is Needed:			Not reported
Off-Site Groundwater Extraction or Containment Started:			Not reported
Length of Contamination Plume (Feet):	0		
Depth of Contamination Plume (Feet):	0		
Wells Closed Due To Contamination of Site:			Not reported
Date of Wells Closure:			Not reported
Nearest Public or Private Drinking Water Well (Feet):	0		
Under Jurisdiction of Lead Agency Date:			Not reported
Latitude/Longitude:			38 / -122
Flow Rate:			0
Flow Date:			Not reported
Percent of Contaminants Contained:			0
Contaminant Type:			Not reported
EPA ID:			Not reported
Stages of Site Investigation Process Initiated:			
Begun Characterization :			Not reported
Completed Characterization :			Not reported
Begun Remediation:			Not reported
Completed Remediation:			Not reported
Submitted Remediation Plan:			Not reported
Approved Remediation Plan:			Not reported
Begun Final Remedial Action:			Not reported
Completed Final Remedial Action:			Not reported
Facility Desc:	Not reported		
Comment:	Not reported		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

D16 GROVE VALVE & REGULATOR CO.
 WSW 6529 HOLLIS ST
 < 1/8 EMERYVILLE, CA 94608
 525
 Lower Site 2 of 2 in cluster D

LUST S103556053
 N/A

LUST Alameda County:
 Region : ALAMEDA
 Facility Id : 5162
 Status : -0-
 Facility Type : -0-
 Case Closed : -0-
 Date Case Closed : -0-
 Contact : -0-
 Contact Company : -0-
 Clean up Fund : -0-
 LOP Status : -0-
 Tank Removal : -0-
 SLIC : -0-
 Priority Code : -0-
 Inspector Initial : SH
 Leak Source : -0-
 Substance : -0-
 Date Reported : -0-
 Date Confirmed : -0-
 Multiple Responsible Parties : -0-
 Emergency Resp Date : -0-
 Research : -0-
 Date RP was Sent Notice : -0-
 Preliminary Investigation : -0-
 Begin Date : -0-
 End Date : -0-
 Remedial Investigation : -0-
 RI Begin Date : -0-
 RI End Date : -0-
 Remediation Action : -0-
 Remediation Begin Date : -0-
 Remediation End Date : -0-
 Post Remedial Monitoring : -0-
 PRM Begin Date : -0-
 PRM End Date : -0-
 Enforcement Type : -0-
 Enf Action Date : -0-
 LUFT Category : -0-
 Excavation began : -0-
 Remedial Action Occured : -0-
 Contact Address : -0-
 Contact Phone : -0-
 RP Cost : 0.00
 Comments : -0-
 Last Correspondence : 8/25/97
 Flag Date : -0-
 Location : -0-
 LOP Entry : 1/28/00
 LOP Edit : 01/28/2000
 LOP Flag : -0-

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
E17	West	< 1/8	551	Lower	ELLIS PARTNER 6589 HOLLIS ST EMERYVILLE, CA 94608 Site 1 of 2 in cluster E	HAZNET	S103962707	N/A
HAZNET:								
Gepaid:		CAC001169104		Tepaid:		CAL000027741		
Contact:		ELLIS PARTNER		Telephone:		(415) 391-9800		
Gen County:		5		Tsd County:		5		
Tons:		32.0264						
Category:		Asbestos-containing waste						
Disposal Method:		Disposal, Land Fill						
Mailing Address:		433 CALIFORNIA ST STE 610						
		SAN FRANCISCO, CA 94101						
County:		Not reported						
F18	WSW	< 1/8	554	Lower	FRANK C. E. DE WOLF 6460 HOLLIS ST OAKLAND, CA 94608 Site 1 of 11 in cluster F	UST	U003713551	N/A
UST San Francisco County:								
Facility ID:		376		Case Number:		Not reported		
Tank ID:		Not reported		Tank Capacity:		Not reported		
Tank Owner:		Not reported						
Manufacturer:		Not reported						
Contact Name:		Not reported						
Other Interior Lining:		Not reported						
Received Date:		Not reported						
Certified Date:		Not reported						
Drop Tube:		Not reported						
Striker Plate:		Not reported						
Contents A:		Not reported						
Contents B:		Not reported						
Contents C:		Not reported						
Mailing Address:		Not reported						
Other Substance:		Not reported						
Tank Construction Type:		Not reported						
Tank Material:		Not reported						
Interior Lining:		Not reported						
Corrosion Protection:		Not reported						
Spill Contamination Installed Date:		Not reported						
Overfill Prevention Installed Date:		Not reported						
Piping Type:		Not reported						
Piping Aboveground:		Not reported						
Piping Underground:		Not reported						
Piping Construction:		Not reported						
Piping Construction Aboveground:		Not reported						
Piping Construction Underground:		Not reported						
Piping Material:		Not reported						
Piping Material Aboveground:		Not reported						
Piping Material Underground:		Not reported						
Pipe Leak Detection:		Not reported						
Estimated Last Date Used:		Not reported						
Estimated Quantity Remaining:		Not reported						
Inert Filling:		Not reported						
Jurisdiction:		Not reported						
Other Tank System:		Not reported						
Other Tank Material:		Not reported						

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FRANK C. E. DE WOLF (Continued)

U003713551

Other Tank Leak Detection: Not reported
 Other Pipe Leak Detection: Not reported
 Methanol Compatible: Not reported

UST Alameda County:

Region : ALAMEDA
 Facility Id : 376
 Total Tanks : 1
 Contact Name : Frank C. E. De Wolf
 Permit Date : -0-
 Storage Tank Addr : 6460 Hollis St
 Bill Id : TC1221
 Facility Owner : Casa De Emdeko #111
 75 5870 Kahakai Rd

Kailua Kona, HI 96740
 State Number : 65207
 Underground Tank Fee : 159
 Financial Responsibility : -0-
 Facility Tele : 415-658-5275
 Emergency Daytime Number : 09-535-4453
 Emergency Night Number : 09-535-4453
 Facility Status : C
 State Id : -0-
 System Entry : 08/30/1993
 System Edit : -0-
 Last Inspection : 08/18/1993
 Bill Date : 11/7/89
 Flag : -0-
 Date Letter Sent : 12/1/93
 Inspector : BO
 Letter History : NewRegs8/92;
 Permit History : 1 UST Permitted

F19
 WSW
 < 1/8
 554
 Lower

FRANK DEWOLF
 6460 HOLLIS ST
 EMERYVILLE, CA 94608

HAZNET S103964939
 N/A

Site 2 of 11 in cluster F

HAZNET:

Gepaid:	CAC002128872	Tepaid:	CAD980887418
Contact:	FRANK DEWOLF	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.2085		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	766287 LEONE ST		
	KAILUA-KONA, HI 96740		
County	Not reported		

F20
 WSW
 < 1/8
 554
 Lower

RIX INDUSTRIES-FRANK DEWOLF
 6460 HOLLIS ST
 EMERYVILLE, CA 94608

CA FID UST 1000119978
 Cortese N/A
 HAZNET
 LUST

Site 3 of 11 in cluster F

State LUST:
 Cross Street: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RIX INDUSTRIES-FRANK DEWOLF (Continued)

1000119978

Qty Leaked: Not reported
Case Number: 01-1916
Reg Board: San Francisco Bay Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 01000
Case Type: Other ground water affected
Status: Preliminary site assessment underway
County: Alameda
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 10/29/99
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 11/02/98
Cleanup Fund Id: Not reported
Discover Date: 07/24/1992
Enforcement Dt: Not reported
Enf Type: N
Enter Date: 02/17/93
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Subsurface Monitoring
How Stopped: Close Tank
Interim: No
Lat/Lon: 37.845904 / -122.290241
Leak Cause: Unknown
Leak Source: Piping
Local Case #: 376
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NT
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 10/29/99
Stop Date: 07/24/1992
Street Number: 6460
Work Suspended: Not reported
Responsible Party: Not reported
Summary: CHLORINATED SOLVENTS FOUND AT SIGNIFICANT LEVELS. CONDITIONAL CLOSURE WILL BE ISSUED W/ LONG-TERM RMP - 10/30/98. RMP APPROVED 10/25/99.

LUST Region 2:

Region: 2
Facility Id: 01-1916
Entered Date: 02/17/1993
Facility Status: Preliminary site assessment underway
Maximum Soil Concentration: 19000
Maximum Groundwater Impact: 62000
Current Benzene: 4

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

RIX INDUSTRIES-FRANK DEWOLF (Continued)

1000119978

Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

HAZNET:

Gepaid:	CAD982038770	Tepaid:	CAD980887418
Contact:	BERT OTTERSON	Telephone:	(510) 658-5275
Gen County:	1	Tsd County:	1
Tons:	0.6255		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	4900 INDUSTRIAL WAY		
	BENICIA, CA 94510		
County	Not reported		

CORTESE:

Reg By: LTNKA
 Reg Id: 01-1916
 Region: CORTESE

FID:

Facility ID:	01002469	Regulate ID:	CAC941635
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 658-5275
Mail To:	Not reported		
	3 THE PARADE		
	EMERYVILLE, CA 94564		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Facility ID:	01002469	Regulate ID:	00065207
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 396-3063
Mail To:	Not reported		
	PFS REAL EST 8939 42		
	EMERYVILLE, CA 94608		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

F21 SUPERGEN
 SW 6450 HOLLIS ST
 < 1/8 EMERYVILLE, CA 94608
 566
 Lower Site 4 of 11 in cluster F

HAZNET S103688027
 N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SUPERGEN (Continued)

S103668027

HAZNET:		Tepaid:	CAD028409019
Gepaid:	CAC000741496	Telephone:	(000) 000-0000
Contact:	SUPERGEN	Tsd County:	Los Angeles
Gen County:	19		
Tons:	0.3324		
Category:	Laboratory waste chemicals		
Disposal Method:	Transfer Station		
Mailing Address:	2 ANNABEL LN STE 22020		
	SAN RAMON, CA 94583		
County	Not reported		

F22 SUPERGEN, INC.
 SW 6450 HOLLIS ST.
 < 1/8 EMERYVILLE, CA 94608
 566
 Lower Site 5 of 11 in cluster F

LUST S103558055
 N/A

LUST Alameda County:

Region :	ALAMEDA
Facility Id :	6893
Status :	9
Facility Type :	-0-
Case Closed :	Y
Date Case Closed :	9/26/97
Contact :	-0-
Contact Company :	-0-
Clean up Fund :	-0-
LOP Status :	-0-
Tank Removal :	-0-
SLIC :	I
Priority Code :	-0-
Inspector Initial :	CL
Leak Source :	-0-
Substance :	-0-
Date Reported :	-0-
Date Confirmed :	-0-
Multiple Responsible Parties :	-0-
Emergency Resp Date :	-0-
Research :	-0-
Date RP was Sent Notice :	-0-
Preliminary Investigation :	-0-
Begin Date :	-0-
End Date :	-0-
Remedial Investigation :	-0-
RI Begin Date :	-0-
RI End Date :	-0-
Remediation Action :	-0-
Remediation Begin Date :	-0-
Remediation End Date :	-0-
Post Remedial Monitoring :	-0-
PRM Begin Date :	-0-
PRM End Date :	-0-
Enforcement Type :	-0-
Enf Action Date :	-0-
LUFT Category :	-0-
Excavation began :	-0-
Remedial Action Occured :	-0-
Contact Address :	-0-

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SUPERGEN, INC. (Continued)

S103556055

Contact Phone : -0-
 RP Cost : 0.00
 Comments : -0-
 Last Correspondence : 9/27/97
 Flag Date : -0-
 Location : -0-
 LOP Entry : 9/5/97
 LOP Edit : 09/29/1997
 LOP Flag : -0-

F23 WAREHOUSE
 SW 6450 HOLLIS ST
 < 1/8 EMERYVILLE, CA 94608
 566
 Lower Site 6 of 11 in cluster F

UST U001599321
 N/A

State UST:
 Facility ID: 65207
 Tank Num: 1
 Tank Capacity: 0
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: Not reported
 Total Tanks: 1
 Facility Type: 2

Container Num: 1
 Year Installed: Not reported
 Tank Constrctn: Not reported
 Telephone: (415) 396-3063
 Region: STATE
 Other Type: WAREHOUSE

F24 B-E-P EMERYVILLE, LP
 SW 1400 65TH ST
 < 1/8 EMERYVILLE, CA 94608
 568
 Lower Site 7 of 11 in cluster F

HAZNET S103951670
 N/A

HAZNET:
 Gepaid: CAC001418888
 Contact: B-E-P EMERYVILLE, LP
 Gen County: 19
 Tons: 1.6856
 Category: Other organic solids
 Disposal Method: Transfer Station
 Mailing Address: 433 CALIFORNIA ST STE 610
 SAN FRANCISCO, CA 94104
 County: Not reported

Tepaid: CAD028409019
 Telephone: (415) 391-9800
 Tsd County: Los Angeles

Gepaid: CAC001418888
 Contact: B-E-P EMERYVILLE, LP
 Gen County: 1
 Tons: 33.712
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Mailing Address: 433 CALIFORNIA ST STE 610
 SAN FRANCISCO, CA 94104
 County: Not reported

Tepaid: CAD981382732
 Telephone: (415) 391-9800
 Tsd County: 1

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

B-E-P EMERYVILLE, LP (Continued)

S103951670

Gepaid:	CAC001418888	Tepaid:	CAL000027741
Contact:	B-E-P EMERYVILLE, LP	Telephone:	(415) 391-9800
Gen County:	5	Tsd County:	5
Tons:	50.568		
Category:	Asbestos-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	433 CALIFORNIA ST STE 610 SAN FRANCISCO, CA 94104		
County:	Not reported		
Gepaid:	CAC001418888	Tepaid:	CAT080014079
Contact:	B-E-P EMERYVILLE, LP	Telephone:	(415) 391-9800
Gen County:	7	Tsd County:	7
Tons:	54.782		
Category:	Other organic solids		
Disposal Method:	Transfer Station		
Mailing Address:	433 CALIFORNIA ST STE 610 SAN FRANCISCO, CA 94104		
County:	Not reported		

E25
 West
 < 1/8
 569
 Lower

MOTOROLA SERVICE CENTER
 6613 HOLLIS ST
 OAKLAND, CA 94608

UST U003713550
 N/A

Site 2 of 2 in cluster E

UST San Francisco County:			
Facility ID:	1207	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Tank Owner:	Not reported		
Manufacturer:	Not reported	Date Installed:	Not reported
Contact Name:	Not reported	Ust Number:	0
Other Interior Lining:	Not reported	Close Date:	2/10/93 0:00
Received Date:	Not reported		
Certified Date:	12/2/93 0:00	Dispenser:	Not reported
Drop Tube:	Not reported		
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overflow Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MOTOROLA SERVICE CENTER (Continued)

U003713550

Estimated Quantity Remaining: Not reported
 Inert Filling: Not reported
 Jurisdiction: Not reported
 Other Tank System: Not reported
 Other Tank Material: Not reported
 Other Tank Leak Detection: Not reported
 Other Pipe Leak Detection: Not reported
 Methanol Compatible: Not reported

UST Alameda County:

Region : ALAMEDA
 Facility Id : 1207
 Total Tanks : 0
 Contact Name : Shig Cohen
 Permit Date : -0-
 Storage Tank Addr : 6613 Hollis St
 Bill Id : -0-
 Facility Owner : Removed 1 UGT 06/90
 0 0 P. O. Box 8265

Berkeley, CA 94707

State Number : -0-
 Underground Tank Fee : 0
 Financial Responsibility : -0-
 Facility Tele : -0-
 Emergency Daytime Number : -0-
 Emergency Night Number : -0-
 Facility Status : R
 State Id : -0-
 System Entry : 11/09/1990
 System Edit : -0-
 Last Inspection : Not reported
 Bill Date : -0-
 Flag : -0-
 Date Letter Sent : -0-
 Inspector : BO
 Letter History : -0-
 Permit History : -0-

G26
 NNW
 < 1/8
 572
 Higher

GRANCO PUMP/DIV CHALLENGE MANUF
 1308 67TH STREET
 EMERYVILLE, CA 94608

HAZNET S103966523
 N/A

Site 1 of 9 in cluster G

HAZNET:

Gepaid: CAL000106743 Tepad: CAD000088252
 Contact: ARTHUR SOUR & SONS Telephone: (318) 226-9332
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.2293
 Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Transfer Station
 Mailing Address: 1308 67TH ST
 EMERYVILLE, CA 94608
 County: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

GRANCO PUMP/DIV CHALLENGE MANUF (Continued)

S103966523

Gepaid:	CAL000106743	Tepaid:	NVD982358483
Contact:	ARTHUR SOUR & SONS	Telephone:	(318) 226-9332
Gen County:	99	Tsd County:	99
Tons:	0.0625		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	1308 67TH ST EMERYVILLE, CA 94608		
County:	Not reported		

G27
 NNW
 < 1/8
 572
 Higher

1X GEO M MARTIN COMPANY
 1308 67TH STREET
 EMERYVILLE, CA 94608
 Site 2 of 9 in cluster G

HAZNET S103627951
 N/A

HAZNET:

Gepaid:	CAC001074856	Tepaid:	CAD009468392
Contact:	CORPORATION	Telephone:	(000) 000-0000
Gen County:	7	Tsd County:	7
Tons:	0.35		
Category:	Other empty containers 30 gallons or more		
Disposal Method:	Recycler		
Mailing Address:	1250 67TH STREET EMERYVILLE, CA 94608		
County:	Not reported		

Gepaid:	CAC001074856	Tepaid:	CAL000048571
Contact:	CORPORATION	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	2.7105		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	1250 67TH STREET EMERYVILLE, CA 94608		
County:	Not reported		

G28
 NNW
 < 1/8
 572
 Higher

CHALLENGE MANUFACTURING CO.
 1308 67TH ST
 OAKLAND, CA 94608
 Site 3 of 9 in cluster G

UST U001599260
 N/A

State UST:

Facility ID: 54436
 Tank Num: 1
 Tank Capacity: 0
 Tank Used for: WASTE
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: BILL LINFELTER
 Total Tanks: 2
 Facility Type: 2

Container Num: B
 Year Installed: Not reported
 Tank Constrcn: Not reported
 Telephone: (415) 652-8847
 Region: STATE
 Other Type: MANUFACTURING

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

CHALLENGE MANUFACTURING CO. (Continued)

U001599260

Facility ID: 54436	Container Num: A
Tank Num: 2	Year Installed: Not reported
Tank Capacity: 250	
Tank Used for: WASTE	Tank Constructn: Not reported
Type of Fuel: Not Reported	
Leak Detection: Visual	Telephone: (415) 652-8847
Contact Name: BILL LINAFLTER	Region: STATE
Total Tanks: 2	Other Type: MANUFACTURING
Facility Type: 2	

G29
North
< 1/8
574
Higher

AALBORG CISERV SAN FRANCISCO
1295 67TH ST
EMERYVILLE, CA 94608

RCRIS-SQG 1000857120
FINDS CA0000047274

Site 4 of 9 in cluster G

RCRIS:
Owner: AALBORG CISERV SAN FRANCISCO
(510) 655-7377

Contact: ROBERT MCCLAREN
(510) 655-7377

Record Date: 11/04/1993
Classification: Small Quantity Generator
Used Oil RecycNo
Violation Status: No violations found

G30
North
< 1/8
574
Higher

COPPER & BRASS SALES, INC.
1295 67TH ST
EMERYVILLE, CA 94608

UST U003713265
LUST N/A

Site 5 of 9 in cluster G

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-0726
Reg Board: San Francisco Bay Region
Chemical: Diesel
Lead Agency: Local Agency
Local Agency: 01000
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Alameda
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Review Date: 06/20/95
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 10/6/94
Release Date: 02/24/93
Cleanup Fund Id: Not reported
Discover Date: 02/24/1993
Enforcement Dt: Not reported

Confirm Leak: Not reported	
Prelim Assess: Not reported	
Remed Plan: Not reported	
Monitoring: Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COPPER & BRASS SALES, INC. (Continued)

U003713265

Enf Type: N
Enter Date : 04/27/93
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Lat/Lon : 37.849227 / -122.289592
Leak Cause: Corrosion
Leak Source: Tank
Local Case # : 3932
Beneficial: Not reported
Staff : CTH
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW Not reported
GW Qualifies : Not reported
Max MTBE Soil 0
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm LOP
Priority : Not reported
Review Date : 06/20/95
Stop Date : 12/14/1993
Street Number : 1295
Work Suspended: Not reported
Responsible Party: Not reported
Summary: ARCHIVED 6/6/96 CONTROL NO 120-080 SRC 0904730

LUST Region 2:

Region: 2
Facility Id: 01-0726
Entered Date: 04/27/1993
Facility Status: Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration: 1800
Maximum Groundwater Impact: Not reported
Current Benzene: Not reported
Current MTBE : Not reported
Maximum MTBE Groundwater: Not reported
MTBE Quali: Not reported

LUST Alameda County:

Region : ALAMEDA
Facility Id : 3932
Status : 9
Facility Type : S
Case Closed : Y
Date Case Closed : 2/2/95
Contact : Mr. George Blandino
Contact Company : Copper & Brass Sales Company
Clean up Fund : -0-
LOP Status : I
Tank Removal : -0-
SLIC : -0-
Priority Code : MOD/Impact-Invest/Pot.Soil TLV
Inspector Initial : CL
Leak Source : F

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COPPER & BRASS SALES, INC. (Continued)

U003713265

Substance : Diesel
Date Reported : 2/24/93
Date Confirmed : 12/29/92
Multiple Responsible Parties : No
Emergency Resp Date : -0-
Research : S
Date RP was Sent Notice : 3/11/93
Preliminary Investigation : C
Begin Date : 5/13/93
End Date : 7/16/93
Remedial Investigation : C
RI Begin Date : 7/16/93
RI End Date : 3/29/94
Remediation Action : C
Remediation Begin Date : 12/4/92
Remediation End Date : 3/29/94
Post Remedial Monitoring : -0-
PRM Begin Date : -0-
PRM End Date : -0-
Enforcement Type : 1
Enf Action Date : 3/11/93
LUFT Category : 2HCAWG
Excavation began : 12/4/92
Remedial Action Occured : ED
Contact Address : 1900 Embarcadero #101
Oakland, C A 94606-5227
Contact Phone : -0-
RP Cost : 0.00
Comments : Do
Last Correspondence : 10/6/94
Flag Date : -0-
Location : -0-
LOP Entry : 3/10/93
LOP Edit : 06/20/1995
LOP Flag : -0-
UST Alameda County:
Region : ALAMEDA
Facility Id : 3932
Total Tanks : 0
Contact Name : L. E. Hadsell
Permit Date : -0-
Storage Tank Addr : 1295 67th St
Bill Id : T31044
Facility Owner : Removed 1 Ust 12/14/92
0 P. O. Box 23245
Oakland, CA 94623
State Number : 53963
Underground Tank Fee : 0
Financial Responsibility : -0-
Facility Tele : -0-
Emergency Daytime Number : -0-
Emergency Night Number : -0-
Facility Status : R
State Id : 53963001
System Entry : 12/17/1992
System Edit : -0-

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site Database(s) EDR ID Number
 EPA ID Number

COPPER & BRASS SALES, INC. (Continued)

U003713265

Last Inspection : Not reported
 Bill Date : 12/15/87
 Flag : -0-
 Date Letter Sent : -0-
 Inspector : BO
 Letter History : NewRegs8/92;
 Permit History : 1 UST Permitted

G31 COPPER AND BRASS SALES INC.
 North 1295 67TH ST
 < 1/8 EMERYVILLE, CA 94608
 574
 Higher Site 6 of 9 in cluster G

CA FID UST S101624419
 N/A

G32 COPPER AND BRASS SALES INC.
 North 1295 67TH ST
 < 1/8 EMERYVILLE, CA 94608
 574
 Higher Site 7 of 9 in cluster G

UST U001599265
 N/A

State UST:
 Facility ID: 53963
 Tank Num: 1
 Tank Capacity: 2000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Leak Detection: None
 Contact Name: LANCE E. HADSELL
 Total Tanks: 1
 Facility Type: 2
 Container Num: 2000
 Year Installed: 1974
 Tank Constrcn: 3/16 inches
 Telephone: (415) 658-7212
 Region: STATE
 Other Type: METAL DIST.

G33 AALBORG CISERV
 NNW 1315 67TH ST
 < 1/8 EMERYVILLE, CA 94608
 576
 Higher Site 8 of 9 in cluster G

RCRIS-SQG 1000595771
 FINDS CAD983597261

RCRIS:
 Owner: CISERV SAN FRANCISCO
 (415) 555-1212
 Contact: ROBERT MCLAREN
 (415) 655-7377
 Record Date: 11/04/1993
 Classification: Small Quantity Generator
 Used Oil RecydNo
 Violation Status: No violations found

G34 BASIC LIVING PRODUCTS
 NNW 1321 67TH STREET
 < 1/8 EMERYVILLE, CA 94608
 579
 Higher Site 9 of 9 in cluster G

HAZNET S100930514
 N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BASIC LIVING PRODUCTS (Continued)

S100930514

HAZNET:

Gepaid: CAL922892642 Tepad: CAD981161367
 Contact: GENE FARB Telephone: (000) 000-0000
 Gen County: 21 Tsd County: Marin
 Tons: 0.1876
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Not reported
 Mailing Address: 1321 67TH STREET
 EMERYVILLE, CA 94608
 County: Not reported

Gepaid: CAL922892642 Tepad: CAD981161367
 Contact: GENE FARB Telephone: (000) 000-0000
 Gen County: 21 Tsd County: Marin
 Tons: 0.5004
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Mailing Address: 1321 67TH STREET
 EMERYVILLE, CA 94608
 County: Not reported

Gepaid: CAC000722520 Tepad: CAL000027741
 Contact: BASIC LIVING PRODUCTS INC Telephone: (000) 000-0000
 Gen County: 5 Tsd County: 5
 Tons: 3.3712
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Mailing Address: 1321 67TH STREET
 EMERYVILLE, CA 94608
 County: Not reported

Gepaid: CAL922892642 Tepad: CAD981161367
 Contact: GENE FARB Telephone: (000) 000-0000
 Gen County: 21 Tsd County: Marin
 Tons: 0.5838
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Mailing Address: 1321 67TH STREET
 EMERYVILLE, CA 94608
 County: Not reported

Gepaid: CAL922892642 Tepad: CAL000121946
 Contact: GENE FARB Telephone: (000) 000-0000
 Gen County: 21 Tsd County: Marin
 Tons: 0.7505
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Mailing Address: 1321 67TH STREET
 EMERYVILLE, CA 94608
 County: Not reported

The CA HAZNET database contains 3 additional records for this site.
 Please contact your EDR Account Executive for more information.

35 REDEVELOPMENT AGENCY
 South 1265 1269 OCEAN AVE
 < 1/8 EMERYVILLE, CA
 604
 Higher

CA SLIC S101641316
 N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

REDEVELOPMENT AGENCY (Continued)

S101641316

SLIC Region 2:
 Facility ID: 01S0290
 Region: 2
 Facility Status: Inactive
 Staff: DCL
 Last Site Update: 02/01/1993
 NPL Status: Not an NPL site
 Case Type: Not reported
 Contamination: Not reported
 Lead: RWQCB
 Contamination Level: Not reported
 Number of Municipal Wells Contaminated by Site: 0
 Number of Private Wells Contaminated by Site: 0
 Soil Removal Action Taken/Needed: Not reported
 Soil Removal or Contaminant Action Started: Not reported
 Soil Removal or Contaminant Action Completed: Not reported
 On-Site Groundwater Extraction or Containment is Needed: Not reported
 On-Site Groundwater Extraction or Containment Started: Not reported
 Off-Site Groundwater Extraction or Containment is Needed: Not reported
 Off-Site Groundwater Extraction or Containment Started: Not reported
 Length of Contamination Plume (Feet): 0
 Depth of Contamination Plume (Feet): 0
 Wells Closed Due To Contamination of Site: Not reported
 Date of Wells Closure: Not reported
 Nearest Public or Private Drinking Water Well (Feet): 0
 Under Jurisdiction of Lead Agency Date: Not reported
 Latitude/Longitude: 38 / -122
 Flow Rate: 0
 Flow Date: Not reported
 Percent of Contaminants Contained: 0
 Contaminant Type: Not reported
 EPA ID: Not reported
 Stages of Site Investigation Process Initiated:
 Begun Characterization : Not reported
 Completed Characterization : Not reported
 Begun Remediation: Not reported
 Completed Remediation: Not reported
 Submitted Remediation Plan: Not reported
 Approved Remediation Plan: Not reported
 Begun Final Remedial Action: Not reported
 Completed Final Remedial Action: Not reported
 Facility Desc: RESIDENTIAL
 Comment: Not reported

H36 ROLLER PRESS INC
 WNW 6647 HOLLIS ST
 < 1/8 EMERYVILLE, CA 94608
 613
 Lower Site 1 of 4 in cluster H

HAZNET S102816311
 N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

ROLLER PRESS INC (Continued)

S102816311

HAZNET:

Gepaid:	CAL000087622	Tepaid:	CAD070148432
Contact:	ROBERT WALE	Telephone:	(510) 654-2426
Gen County:	1	Tsd County:	1
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Treatment, Incineration		
Mailing Address:	6647 HOLLIS ST		
	EMERYVILLE, CA 94608 - 1031		
County	Not reported		

Gepaid:	CAL000087622	Tepaid:	CAD070148432
Contact:	ROBERT WALE	Telephone:	(510) 654-2426
Gen County:	1	Tsd County:	1
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Treatment, Incineration		
Mailing Address:	6647 HOLLIS ST		
	EMERYVILLE, CA 94608 - 1031		
County	Not reported		

Gepaid:	CAL000087622	Tepaid:	CAD070148432
Contact:	ROBERT WALE	Telephone:	(510) 654-2426
Gen County:	1	Tsd County:	1
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	6647 HOLLIS ST		
	EMERYVILLE, CA 94608 - 1031		
County	Not reported		

Gepaid:	CAL000087622	Tepaid:	CA0000084517
Contact:	ROBERT WALE	Telephone:	(510) 654-2426
Gen County:	34	Tsd County:	Sacramento
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	6647 HOLLIS ST		
	EMERYVILLE, CA 94608 - 1031		
County	Not reported		

F37
 SW
 < 1/8
 617
 Lower

JOSEPH T RYERSON SONS INC
 1465 65TH ST
 EMERYVILLE, CA 94608
 Site 8 of 11 in cluster F

HAZNET S100865404
 N/A

HAZNET:

Gepaid:	CAL000005297	Tepaid:	CAD009466392
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	7	Tsd County:	7
Tons:	5		
Category:	Other empty containers 30 gallons or more		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 23070		
	OAKLAND, CA 94623 - 2370		
County	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

JOSEPH T RYERSON SONS INC (Continued)

S100865404

Gepaid:	CAL000005297	Tepaid:	CAD083166728
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	50	Tsd County:	Stanislaus
Tons:	0.5629		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 23070		
	OAKLAND, CA 94623 - 2370		
County:	Not reported		
Gepaid:	CAL000005297	Tepaid:	CAT080013352
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	19	Tsd County:	Los Angeles
Tons:	2.7105		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 23070		
	OAKLAND, CA 94623 - 2370		
County:	Not reported		

F38
 SW
 < 1/8
 617
 Lower

RYERSON STEEL
 1465 65TH ST
 EMERYVILLE, CA 94608
 Site 9 of 11 in cluster F

CA FID UST S101580122
 N/A

FID:
 Facility ID: 01001388 Regulate ID: 00037017
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: Not reported
 Mail To: Not reported
 P O BOX
 EMERYVILLE, CA 94608
 Contact: Not reported Contact Tel: Not reported
 DUNS No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

F39
 SW
 < 1/8
 617
 Lower

RYERSON STEEL & ALUMINUM
 1465 65TH ST
 EMERYVILLE, CA 94608
 Site 10 of 11 in cluster F

Cortese S102436119
 LUST N/A

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number 01-1785
 Reg Board: San Francisco Bay Region
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 01000
 Case Type: Other ground water affected
 Status: Preliminary site assessment underway
 County: Alameda
 Abate Method: No Action Taken - no action has as yet been taken at the site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYERSON STEEL & ALUMINUM (Continued)

S102436119

Review Date: 01/31/95
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 03/25/93
Cleanup Fund Id: Not reported
Discover Date: 03/25/1993
Enforcement Dt: 04/01/1993
Enf Type: Warning/notice of violation to uncooperative responsible parties (includes CDO and CAO)
Enter Date: 06/16/93
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interm: No
Lat/Lon: 37.8464 / -122.293
Leak Cause: Unknown
Leak Source: Tank
Local Case #: 799
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NRQ
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 01/31/95
Stop Date: 03/25/1993
Street Number: 1465
Work Suspended: t
Responsible Party: Not reported
Summary: LOP UPDATE-10/21/93

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

LUST Region 2:

Region: 2
Facility Id: 01-1785
Entered Date: 06/16/1993
Facility Status: Preliminary site assessment underway
Maximum Soil Concentration: ND
Maximum Groundwater Impact: 8888888
Current Benzene: Not reported
Current MTBE: Not reported
Maximum MTBE Groundwater: Not reported
MTBE Quali: Not reported

CORTESE:

Reg By: LTNKA
Reg Id: 01-1785
Region: CORTESE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

F40 RYERSON STEEL
 SW 1465 65TH ST
 < 1/8 EMERYVILLE, CA 94662
 617
 Lower Site 11 of 11 in cluster F

UST U001599561
 N/A

State UST:
 Facility ID: 37017
 Tank Num: 1
 Tank Capacity: 10000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Leak Detection: None
 Contact Name: DON MAMMINI
 Total Tanks: 1
 Facility Type: 2
 Container Num: SF-1
 Year Installed: 1982
 Tank Constrcn: 1/4 inches
 Telephone: (415) 653-2933
 Region: STATE
 Other Type: STEEL SERVICE

I41 HFH LIMITED
 SW 6400 HOLLIS ST
 < 1/8 EMERYVILLE, CA
 619
 Lower Site 1 of 3 in cluster I

Cortese S102431110
 LUST N/A

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-0764
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 01000
 Case Type: Soil only
 Status: Leak being confirmed
 County: Alameda
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: 08/24/94
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Close Date: Not reported
 Release Date: 05/06/86
 Cleanup Fund Id: Not reported
 Discover Date: 05/06/1986
 Enforcement Dt: Not reported
 Enf Type: N
 Enter Date: 05/06/86
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: No
 Lat/Lon: 37.845144 / -122.290033
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case #: 01-0764
 Beneficial: Not reported
 Staff: CTH
 MTBE Date: Not reported
 MTBE Tested: NT
 Max MTBE GW: Not reported
 GW Qualifies: Not reported
 Confirm Leak: 04/18/86
 Prelim Assess: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HFH LIMITED (Continued)

S102431110

Max MTBE Soil 0
 Soil Qualifies : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm LOP
 Priority : Not reported
 Review Date : 08/24/94
 Stop Date : 05/06/1986
 Street Number : 6400
 Work Suspended
 Responsible Party Not reported
 Summary: SENT FILE TO LOP 8/94

LUST Region 2:

Region: 2
 Facility Id: 01-0764
 Entered Date: 05/06/1986
 Facility Status: Leak being confirmed
 Maximum Soil Concentration: 23
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

CORTESE:

Reg By: LTNKA
 Reg Id: 01-0764
 Region: CORTESE

H42
 WNW
 < 1/8
 624
 Lower
 MCGRATH STEEL CO.
 6655 HOLLIS ST
 EMERYVILLE, CA 94608
 Site 2 of 4 in cluster H

CA FID UST S101624441
 N/A

H43
 WNW
 < 1/8
 624
 Lower
 MCGRATH STEEL CO.
 6655 HOLLIS ST
 EMERYVILLE, CA 94608
 Site 3 of 4 in cluster H

UST U001599293
 N/A

State UST:

Facility ID: 67530
 Tank Num: 1
 Tank Capacity: 2000
 Tank Used for: WASTE
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: WILLIAM THOMAS
 Total Tanks: 2
 Facility Type: 2

Container Num: 1
 Year Installed: 1981
 Tank Constrcn: X inches
 Telephone: (415) 858-1677
 Region: STATE
 Other Type: REINF. STEEL FABRICA

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MCGRATH STEEL CO. (Continued)

U001599293

Facility ID: 67530	Container Num: 2
Tank Num: 2	Year Installed: 1981
Tank Capacity: 2000	
Tank Used for: PRODUCT	Tank Constrctn: Not reported
Type of Fuel: UNLEADED	
Leak Detection: None	
Contact Name: WILLIAM THOMAS	Telephone: (415) 658-1677
Total Tanks: 2	Region: STATE
Facility Type: 2	Other Type: REINF. STEEL FABRICA

H44
 WNW
 < 1/8
 624
 Lower

MCGRATH STEEL COMPANY
 6655 HOLLIS ST
 EMERYVILLE, CA 94608

UST U001599294
 HAZNET N/A
 LUST

Site 4 of 4 in cluster H

State LUST:

Cross Street: Not reported	Confirm Leak: Not reported
Qty Leaked: Not reported	Prelim Assess: 03/16/98
Case Number 01-2283	Remed Plan: Not reported
Reg Board: San Francisco Bay Region	Monitoring: Not reported
Chemical: Diesel	
Lead Agency: Local Agency	
Local Agency: 01000	
Case Type: Undefined	
Status: Preliminary site assessment underway	
County: Alameda	
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site	
Review Date: 09/06/00	
Workplan: Not reported	
Pollution Char: Not reported	
Remed Action: Not reported	
Close Date: Not reported	
Release Date: 07/03/96	
Cleanup Fund Id: Not reported	
Discover Date: 07/03/1996	
Enforcement Dt: Not reported	
Enf Type: Not reported	
Enter Date: 03/16/98	
Funding: Not reported	
Staff Initials: Not reported	
How Discovered: Tank Closure	
How Stopped: Close Tank	
Interim: Not reported	
Lat/Lon: Not reported	
Leak Cause: Unknown	
Leak Source: Unknown	
Local Case #: 789	
Beneficial: Not reported	
Staff: CTH	
MTBE Date: Not reported	
MTBE Tested: YES	
Max MTBE GW 59000	
GW Qualifies: Not reported	
Max MTBE Soil 0	
Soil Qualifies: Not reported	
Hydr Basin #: Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MCGRATH STEEL COMPANY (Continued)

U001599294

Operator : Not reported
 Oversight Prgm LOP
 Priority : Not reported
 Review Date : 09/06/00
 Stop Date : 07/03/1996
 Street Number : 6655
 Work Suspended:
 Responsible Party: Not reported
 Summary: ACHD APPROVED SUBSURFACE INVESTIGATION WORKPLAN - 4/29/98.

LUST Region 2:

Region: 2
 Facility Id: 01-2283
 Entered Date: 03/16/1998
 Facility Status: Preliminary site assessment underway
 Maximum Soil Concentration: Not reported
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE : 59000
 Maximum MTBE Groundwater: 59000
 MTBE Quali: Not reported

HAZNET:

Gepaid:	CAL000148441	Tepaid:	CAD059494310
Contact:	MCGRATH STREET CO	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.5		
Category:	Unspecified oil-containing waste		
Disposal Method:	Disposal, Other		
Mailing Address:	PO BOX 8036		
	EMERYVILLE, CA 94662		
County	Not reported		

Gepaid:	CAL000148441	Tepaid:	CAD009466392
Contact:	MCGRATH STREET CO	Telephone:	(000) 000-0000
Gen County:	7	Tsd County:	7
Tons:	2		
Category:	Other empty containers 30 gallons or more		
Disposal Method:	Recycler		
Mailing Address:	PO BOX 8036		
	EMERYVILLE, CA 94662		
County	Not reported		

Gepaid:	CAL000148441	Tepaid:	CAD059494310
Contact:	MCGRATH STREET CO	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.5		
Category:	Unspecified oil-containing waste		
Disposal Method:	Disposal, Other		
Mailing Address:	PO BOX 8036		
	EMERYVILLE, CA 94662		
County	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MCGRATH STEEL COMPANY (Continued)

U001599294

Gepaid: CAL000148441 Tepaid: CAD980887418
 Contact: MCGRATH STREET CO Telephone: (000) 000-0000
 Gen County: 1 Tsd County: 1
 Tons: 0.0166
 Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Mailing Address: PO BOX 8036
 EMERYVILLE, CA 94662
 County: Not reported

Gepaid: CAL000148441 Tepaid: CAD059494310
 Contact: MCGRATH STREET CO Telephone: (000) 000-0000
 Gen County: 43 Tsd County: Santa Clara
 Tons: 0
 Category: Unspecified oil-containing waste
 Disposal Method: Disposal, Other
 Mailing Address: PO BOX 8036
 EMERYVILLE, CA 94662
 County: Not reported

The CA HAZNET database contains 3 additional records for this site.
 Please contact your EDR Account Executive for more information.

State UST:

Facility ID: 1598
 Tank Num: 1 Container Num: 1
 Tank Capacity: 2000 Year Installed: 1981
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED Tank Constrcn: Not reported
 Leak Detection: Stock Inventor
 Contact Name: Not reported Telephone: (415) 658-1677
 Total Tanks: 2 Region: STATE
 Facility Type: 2 Other Type: INSTALL/FABRICATE ST

Facility ID: 1598
 Tank Num: 2 Container Num: 2
 Tank Capacity: 2000 Year Installed: Not reported
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL Tank Constrcn: Not reported
 Leak Detection: None
 Contact Name: Not reported Telephone: (415) 658-1677
 Total Tanks: 2 Region: STATE
 Facility Type: 2 Other Type: INSTALL/FABRICATE ST

UST San Francisco County:

Facility ID: 789
 Tank ID: Not reported
 Tank Owner: Not reported
 Manufacturer: Not reported
 Contact Name: Not reported
 Other Interior Lining: Not reported
 Received Date: Not reported
 Certified Date: Not reported
 Drop Tube: Not reported
 Striker Plate: Not reported
 Contents A: Not reported
 Contents B: Not reported
 Contents C: Not reported

Not reported

Case Number: Not reported
 Tank Capacity: Not reported
 Date Installed: Not reported
 Ust Number: 1
 Close Date: Not reported
 Dispenser: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MCGRATH STEEL COMPANY (Continued)

U001599294

Mailing Address: Not reported
Other Substance: Not reported
Tank Construction Type: Not reported
Tank Material: Not reported
Interior Lining: Not reported
Corrosion Protection: Not reported
Spill Contamination Installed Date: Not reported
Overfill Prevention Installed Date: Not reported
Piping Type: Not reported
Piping Aboveground: Not reported
Piping Underground: Not reported
Piping Construction: Not reported
Piping Construction Aboveground: Not reported
Piping Construction Underground: Not reported
Piping Material: Not reported
Piping Material Aboveground: Not reported
Piping Material Underground: Not reported
Pipe Leak Detection: Not reported
Estimated Last Date Used: Not reported
Estimated Quantity Remaining: Not reported
Inert Filling: Not reported
Jurisdiction: Not reported
Other Tank System: Not reported
Other Tank Material: Not reported
Other Tank Leak Detection: Not reported
Other Pipe Leak Detection: Not reported
Methanol Compatible: Not reported

UST Alameda County:

Region : ALAMEDA
Facility Id : 789
Total Tanks : 2
Contact Name : Robert A. Thomas
Permit Date : -0-
Storage Tank Addr : 6655 Hollis St
Bill Id : T51063
Facility Owner : Mc Grath Steel Company
0 P. O. Box 8036

Emeryville, CA 94662
State Number : 67530
Underground Tank Fee : 238
Financial Responsibility : -0-
Facility Tele : 415-596-2400
Emergency Daytime Number : 415-596-2400
Emergency Night Number : -0-
Facility Status : C
State Id : -0-
System Entry : 07/20/1993
System Edit : -0-
Last Inspection : 10/07/1993
Bill Date : 12/15/87
Flag : -0-
Date Letter Sent : -0-
Inspector : BO
Letter History : NewRegs8/92;TBP12/93;
Permit History : 2 UST Permitted. Old ipdate 05/10/88. Submitted forms A/B dated 6/25/91; recd on

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

45 BAYOX, INCORPORATED Notify 65 S100178991
 ESE 1179 OCEAN AVENUE N/A
 1/8-1/4 OAKLAND, CA 92626
 675
 Higher

NOTIFY 65:
 Date Reported: Not reported Staff Initials: Not reported
 Board File Number: Not reported
 Facility Type: Not reported
 Discharge Date: Not reported
 Incident Description: 92626

J46 HEALTHSOUTH MEDICAL CLINIC HAZNET S103628973
 South 1350 OCEAN AVENUE N/A
 1/8-1/4 EMERYVILLE, CA 94608
 680
 Higher Site 1 of 9 in cluster J

HAZNET:
 Gepaid: CAL000110179 Tepaid: CAL922955281
 Contact: HEALTHSOUTH CORP Telephone: (205) 967-7116
 Gen County: 43 Tsd County: Santa Clara
 Tons: 0.2001
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Not reported
 Mailing Address: 8315 CENTURY PARK CT_BLDG 2 STE 110
 SAN DIEGO, CA 92123
 County: Not reported
 Gepaid: CAL000110179 Tepaid: CAL922955281
 Contact: HEALTHSOUTH CORP Telephone: (205) 967-7116
 Gen County: 43 Tsd County: Santa Clara
 Tons: 0.2084
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Mailing Address: 8315 CENTURY PARK CT_BLDG 2 STE 110
 SAN DIEGO, CA 92123
 County: Not reported
 Gepaid: CAL000110179 Tepaid: CAL922955281
 Contact: HEALTHSOUTH CORP Telephone: (205) 967-7116
 Gen County: 43 Tsd County: Santa Clara
 Tons: 0.5041
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Mailing Address: 8315 CENTURY PARK CT_BLDG 2 STE 110
 SAN DIEGO, CA 92123
 County: Not reported
 Gepaid: CAL000110179 Tepaid: CAL922955281
 Contact: HEALTHSOUTH CORP Telephone: (205) 967-7116
 Gen County: 43 Tsd County: Santa Clara
 Tons: 0.8086
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Recycler
 Mailing Address: 8315 CENTURY PARK CT_BLDG 2 STE 110
 SAN DIEGO, CA 92123
 County: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)			EPA ID Number
Elevation	Site	Database(s)	

HEALTHSOUTH MEDICAL CLINIC (Continued)

S103628973

Gepaid:	CAL000110179	Tepaid:	CAL9229581
Contact:	HEALTHSOUTH CORP	Telephone:	(205) 967-7116
Gen County:	0	Tsd County:	0
Tons:	0.0458		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	8315 CENTURY PARK CT_BLDG 2 STE 110		
	SAN DIEGO, CA 92123		
County:	Not reported		

The CA HAZNET database contains 7 additional records for this site.
Please contact your EDR Account Executive for more information.

J47	J. T. THORPE & SON, INC.	CA FID UST	S101624434
South	1351 OCEAN AVE		N/A
1/8-1/4	EMERYVILLE, CA 94608		
681			
Higher	Site 2 of 9 in cluster J		

J48	J. T. THORPE & SON, INC.	UST	U001599285
South	1351 OCEAN AVE		N/A
1/8-1/4	EMERYVILLE, CA 94608		
681			
Higher	Site 3 of 9 in cluster J		

State UST:

Facility ID: 36268	Container Num: 1
Tank Num: 1	Year Installed: 1978
Tank Capacity: 4000	
Tank Used for: PRODUCT	Tank Constrcn: Not reported
Type of Fuel: DIESEL	
Leak Detection: Visual	
Contact Name: WLATER LINDHOLM	Telephone: (415) 547-2400
Total Tanks: 1	Region: STATE
Facility Type: 2	Other Type: CONSTRUCTION

UST Alameda County:

Region :	ALAMEDA
Facility Id :	3739
Total Tanks :	0
Contact Name :	-0-
Permit Date :	-0-
Storage Tank Addr :	1351 Ocean Ave
Bill Id :	T81025
Facility Owner :	Removed 1 UGT 06/88
	1351 Ocean Ave

Emeryville, -0- 94608	
State Number :	36268
Underground Tank Fee :	0
Financial Responsibility :	-0-
Facility Tele :	547-2400
Emergency Daytime Number :	-0-
Emergency Night Number :	-0-
Facility Status :	R
State Id :	-0-
System Entry :	08/11/1989
System Edit :	-0-

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

J. T. THORPE & SON, INC. (Continued)

U001599285

Last Inspection : Not reported
 Bill Date : -0-
 Flag : -0-
 Date Letter Sent : -0-
 Inspector : BO
 Letter History : -0-
 Permit History : -0-

J49
 South
 1/8-1/4
 681
 Higher

HFH LIMITED
 1351 OCEAN AVE
 EMERYVILLE, CA 94608

LUST S103890823
 N/A

Site 4 of 9 in cluster J

State LUST:

Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-0697
 Reg Board: San Francisco Bay Region
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency : 01000
 Case Type: Soil only
 Status: Signed off, remedial action completed or deemed unnecessary
 County: Alameda
 Abate Method: Replace Supply - provide alternative water supply to affected parties,
 Replace Supply - provide alternative water supply to affected parties
 Review Date: 09/14/98
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Close Date: 1/11/95
 Release Date: 06/06/88
 Cleanup Fund Id: Not reported
 Discover Date : 05/06/1988
 Enforcement Dt: Not reported
 Enf Type: N
 Enter Date : 03/03/92
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Yes
 Lat/Lon : 37.845903 / -122.289428
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case # : 3739
 Beneficial: Not reported
 Staff : CTH
 MTBE Date : Not reported
 MTBE Tested : NRQ
 Max MTBE GW Not reported
 GW Qualifies : Not reported
 Max MTBE Soil 0
 Soil Qualifies : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm LQP
 Priority : Not reported

Confirm Leak: Not reported
 Prelim Assess: 11/03/88
 Remed Plan: Not reported
 Monitoring: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HFH LIMITED (Continued)

S103890823

Review Date : 09/14/98
 Stop Date : 08/01/1988
 Street Number : 1351
 Work Suspende
 Responsible Party: Not reported
 Summary: ARCHIVED 6/6/96 CONTROL NO 120-080 SRC 0904730

LUST Region 2:

Region: 2
 Facility Id: 01-0897
 Entered Date: 03/03/1992
 Facility Status: Signed off, remedial action completed or deemed unnecessary
 Maximum Soil Concentration: 930
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

J50
 South
 1/8-1/4
 681
 Higher

H.F.H., LTD
 1351 OCEAN AVE
 OAKLAND, CA 94608
 Site 5 of 9 in cluster J

LUST S103556438
 N/A

LUST Alameda County:

Region : ALAMEDA
 Facility Id : 3739
 Status : 9
 Facility Type : S
 Case Closed : Y
 Date Case Closed : 1/11/95
 Contact : Andrew Getz
 Contact Company : H.F.H., Ltd.
 Clean up Fund : -0-
 LOP Status : I
 Tank Removal : -0-
 SLIC : -0-
 Priority Code : HIGH/Fast Action/RP Clos Reqst
 Inspector Initial : CL
 Leak Source : F
 Substance : Diesel
 Date Reported : 6/6/88
 Date Confirmed : 6/6/88
 Multiple Responsible Parties : No
 Emergency Resp Date : -0-
 Research : S
 Date RP was Sent Notice : 3/4/92
 Preliminary Investigation : C
 Begin Date : 11/12/88
 End Date : 10/8/90
 Remedial Investigation : C
 RI Begin Date : 10/3/88
 RI End Date : 10/3/88
 Remediation Action : -0-
 Remediation Begin Date : -0-
 Remediation End Date : -0-
 Post Remedial Monitoring : -0-
 PRM Begin Date : -0-

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

H.F.H., LTD (Continued)

S103556438

PRM End Date : -0-
Enforcement Type : 1
Enf Action Date : 3/4/92
LUFT Category : 2HSCA
Excavation began : 6/6/88
Remedial Action Occured : ED
Contact Address : 10738 W. Pico Blvd.,ste 3
Los Angeles, Ca 90064
Contact Phone : -0-
RP Cost : 0.00
Comments : Fo
Last Correspondence : 1/11/95
Flag Date : -0-
Location : -0-
LOP Entry : 3/3/92
LOP Edit : 06/20/1995
LOP Flag : -0-

I51
SW
1/8-1/4
690
Lower

UNITED STATES PRINTING INK CORP
6355 HOLLIS ST
EMERYVILLE, CA 94608
Site 2 of 3 in cluster I

RCRIS-SQG 1000399396
CAD000626267

RCRIS:
Owner: UNITED STATES PRINTING INK CORP
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 655-2992
Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil RecycNo
Violation StatusNo violations found

I52
SW
1/8-1/4
690
Lower

GRAPHIC COATING INC
6355 HOLLIS ST
EMERYVILLE, CA 94608
Site 3 of 3 in cluster I

RCRIS-SQG 1000347197
FINDS CAD981649494
HAZNET

RCRIS:
Owner: WIGNALL BILL
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 547-3331
Record Date: 03/09/1987
Classification: Small Quantity Generator

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GRAPHIC COATING INC (Continued)

1000347197

Used Oil Recychno
 Violation StatusNo violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)

HAZNET:

Gepaid:	CAD981649494	Tepaid:	CAD009452657
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	41	Tsd County:	San Mateo

Tons: 5.275
 Category: Unspecified solvent mixture Waste
 Disposal Method: Disposal, Other
 Mailing Address: 25932 EDEN LANDING ROAD
 HAYWARD, CA 94545

County Not reported

Gepaid:	CAD981649494	Tepaid:	UTD048406144
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	99	Tsd County:	99

Tons: 0.9173
 Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Mailing Address: 25932 EDEN LANDING ROAD
 HAYWARD, CA 94545

County Not reported

J53
 South
 1/8-1/4
 692
 Higher

HFH LTD
 1355 OCEAN AVENUE
 EMERYVILLE, CA 94608

HAZNET S103629093
 N/A

Site 6 of 9 in cluster J

HAZNET:

Gepaid:	CAC001237344	Tepaid:	CAL000048571
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara

Tons: 0.9591
 Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Mailing Address: 1355 OCEAN AVENUE
 EMERYVILLE, CA 94608

County Not reported

Gepaid:	CAC001237344	Tepaid:	CAT000646117
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	16	Tsd County:	Kings

Tons: 33.712
 Category: Contaminated soil from site clean-ups
 Disposal Method: Disposal, Land Fill
 Mailing Address: 1355 OCEAN AVENUE
 EMERYVILLE, CA 94608

County Not reported

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
J54	SSW	1/8-1/4	699	Higher	PRODUCTION INSULATION COMPANY 1372 OCEAN AVE EMERYVILLE, CA 94608 Site 7 of 9 in cluster J RCRIS: Owner: PLANT INSULATION CO (415) 555-1212 Contact: ENVIRONMENTAL MANAGER (415) 654-0999 Record Date: 03/16/1988 Classification: Hazardous Waste Transporter Used Oil RecycNo Violation StatusNo violations found	RCRIS-SQG FINDS	1000193049 CAD982320368	
K55	NNE	1/8-1/4	729	Higher	FABCO 1249 67TH ST OAKLAND, CA 94662 Site 1 of 7 in cluster K CORTESE: Reg By: LTNKA Reg Id: 01-0608 Region: CORTESE	Cortese	1001266218 N/A	
K56	NNE	1/8-1/4	729	Higher	GEORG M MARTIN CO 1250 67TH STREET EMERYVILLE, CA 94608 Site 2 of 7 in cluster K RCRIS: Owner: GEO M MARTIN CO INC (415) 555-1212 Contact: ENVIRONMENTAL MANAGER (415) 652-2200 Record Date: 03/28/1986 Classification: Small Quantity Generator Used Oil RecycNo Violation StatusNo violations found	RCRIS-SQG FINDS	1000357155 CAD981457229	
K57	NNE	1/8-1/4	729	Higher	FABCO DIVISION 1249 67TH ST OAKLAND, CA 94608 Site 3 of 7 in cluster K LUST Region 2: Region: 2 Facility Id: 01-0608 Entered Date: 03/14/1988	HAZNET LUST UST	1001613994 N/A	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FABCO DIVISION (Continued)

1001613994

Facility Status: Leak being confirmed
 Maximum Soil Concentration: 20
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

HAZNET:

<p>Gepaid: CAD981389398 Contact: TRUCK COMPONENTS INC Gen County: 43 Tons: 1.35 Category: Other organic solids Disposal Method: Transfer Station Mailing Address: 1249 67TH ST EMERYVILLE, CA 94608 - 1120 County: Not reported</p>	<p>Tepaid: CAD000628149 Telephone: (815) 964-3301 Tsd County: Santa Clara</p>
<p>Gepaid: CAD981389398 Contact: TRUCK COMPONENTS INC Gen County: 50 Tons: 8.9863 Category: Unspecified oil-containing waste Disposal Method: Recycler Mailing Address: 1249 67TH ST EMERYVILLE, CA 94608 - 1120 County: Not reported</p>	<p>Tepaid: CAD083166728 Telephone: (815) 964-3301 Tsd County: Stanislaus</p>
<p>Gepaid: CAD981389398 Contact: TRUCK COMPONENTS INC Gen County: 19 Tons: 1.7487 Category: Unspecified oil-containing waste Disposal Method: Disposal, Other Mailing Address: 1249 67TH ST EMERYVILLE, CA 94608 - 1120 County: Not reported</p>	<p>Tepaid: CAT080011059 Telephone: (815) 964-3301 Tsd County: Los Angeles</p>
<p>Gepaid: CAD981389398 Contact: TRUCK COMPONENTS INC Gen County: 57 Tons: 2.2184 Category: Unspecified oil-containing waste Disposal Method: Transfer Station Mailing Address: 1249 67TH ST EMERYVILLE, CA 94608 - 1120 County: Not reported</p>	<p>Tepaid: CAD044003556 Telephone: (815) 964-3301 Tsd County: Yolo</p>
<p>Gepaid: CAD981389398 Contact: TRUCK COMPONENTS INC Gen County: 43 Tons: 1.3125 Category: Other organic solids Disposal Method: Disposal, Other Mailing Address: 1249 67TH ST EMERYVILLE, CA 94608 - 1120 County: Not reported</p>	<p>Tepaid: CAD059494310 Telephone: (815) 964-3301 Tsd County: Santa Clara</p>

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FABCO DIVISION (Continued)

1001613994

The CA HAZNET database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

UST Alameda County:
Region : ALAMEDA
Facility Id : 350
Total Tanks : 0
Contact Name : -0-
Permit Date : -0-
Storage Tank Addr : 1249 67th St
Bill Id : T51084
Facility Owner : Removed 2 UGT 01/88
1249 - 67th St.

Oakland, -0- 94608
State Number : 3673
Underground Tank Fee : 0
Financial Responsibility : -0-
Facility Tele : 510-596-2700
Emergency Daytime Number : 510-596-2700
Emergency Night Number : -0-
Facility Status : R
State Id : -0-
System Entry : 01/10/1992
System Edit : -0-
Last Inspection : Not reported
Bill Date : -0-
Flag : -0-
Date Letter Sent : -0-
Inspector : BO
Letter History : -0-
Permit History : -0-

K58 FABCO AUTOMOTIVE CORPORATION
NNE 1249 67TH STREET
1/8-1/4 OAKLAND, CA 94608
729
Higher Site 4 of 7 in cluster K

FINDS 1002851239
LUST CAD981389398

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0608
Reg Board: San Francisco Bay Region
Chemical: Misc. Motor Vehicle Fuels
Lead Agency: Local Agency
Local Agency: 01000
Case Type: Soil only
Status: Leak being confirmed
County: Alameda
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 04/17/90
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Confirm Leak: 03/14/88
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FABCO AUTOMOTIVE CORPORATION (Continued)

1002851239

Close Date: Not reported
 Release Date: 03/14/88
 Cleanup Fund Id: Not reported
 Discover Date: 03/14/1988
 Enforcement Dt: Not reported
 Enf Type: N
 Enter Date: 03/14/88
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: Yes
 Lat/Lon: 37.8505 / -122.282604
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case #: 01-0608
 Beneficial: Not reported
 Staff: CTH
 MTBE Date: Not reported
 MTBE Tested: NT
 Max MTBE GW: Not reported
 GW Qualifies: Not reported
 Max MTBE Soil: 0
 Soil Qualifies: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: LOP
 Priority: Not reported
 Review Date: 04/17/90
 Stop Date: 03/14/1988
 Street Number: 1249
 Work Suspended: N
 Responsible Party: Not reported
 Summary: NFA PROPOSED. POSSIBLE CLOSURE?

K59 FABCO DIVISION
 NNE 1249 "67TH" STREET
 1/8-1/4 OAKLAND, CA 94608
 729
 Higher Site 5 of 7 in cluster K

CA FID UST 1000175745
 HAZNET N/A
 UST

HAZNET:
 Gepaid: CAL000124120 Tepaid: CAL000027741
 Contact: FABCO AUTOMOTIVE CORP. Telephone: (510) 596-2700
 Gen County: 5 Tsd County: 5
 Tons: 1.6856
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Mailing Address: P.O. BOX 8276
 OAKLAND, CA 94662
 County: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FABCO DIVISION (Continued)

1000175745

FID:
 Facility ID: 01002087 Regulate ID: 00003673
 Reg By: Inactive Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Inactive Facility Tel: (415) 658-7070
 Mail To: Not reported
 P O BOX
 OAKLAND, CA 94608
 Contact: Not reported Contact Tel: Not reported
 DUNS No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

State UST:
 Facility ID: 3673 Container Num: 2
 Tank Num: 1 Year Installed: Not reported
 Tank Capacity: 0
 Tank Used for: WASTE Tank Constrcn: Not reported
 Type of Fuel: WASTE OIL
 Leak Detection: None
 Contact Name: M. NIEMELA, GENERAL MANAGER Telephone: (415) 658-7070
 Total Tanks: 2 Region: STATE
 Facility Type: 2 Other Type: MANUFACTURING PLANT

Facility ID: 3673 Container Num: 1
 Tank Num: 2 Year Installed: 1974
 Tank Capacity: 1000
 Tank Used for: PRODUCT Tank Constrcn: Not reported
 Type of Fuel: UNLEADED
 Leak Detection: None
 Contact Name: M. NIEMELA, GENERAL MANAGER Telephone: (415) 658-7070
 Total Tanks: 2 Region: STATE
 Facility Type: 2 Other Type: MANUFACTURING PLANT

K60 GEO M MARTIN CO
 NNE 1250 67TH STREET
 1/8-1/4 EMERYVILLE, CA 94608
 729
 Higher Site 6 of 7 in cluster K

HAZNET S104574267
 N/A

HAZNET:
 Gepaid: CAD981457229 Tepad: CAD059494310
 Contact: MERRIL D MARTIN Telephone: (415) 652-2200
 Gen County: 43 Tsd County: Santa Clara
 Tons: 2.5227
 Category: Unspecified solvent mixture Waste
 Disposal Method: Disposal, Other
 Mailing Address: 1250 67TH ST
 EMERYVILLE, CA 94608 - 1121
 County: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

GEO M MARTIN CO (Continued)

S104574267

Gepaid:	CAD981457229	Tepaid:	CAD083166728
Contact:	MERRIL D MARTIN	Telephone:	(415) 652-2200
Gen County:	50	Tsd County:	Stanislaus
Tons:	6.672		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	1250 67TH ST EMERYVILLE, CA 94608 - 1121		
County:	Not reported		
Gepaid:	CAD981457229	Tepaid:	CAT080010101
Contact:	MERRIL D MARTIN	Telephone:	(415) 652-2200
Gen County:	37	Tsd County:	San Diego
Tons:	1.1467		
Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)		
Disposal Method:	Transfer Station		
Mailing Address:	1250 67TH ST EMERYVILLE, CA 94608 - 1121		
County:	Not reported		
Gepaid:	CAD981457229	Tepaid:	CAD059494310
Contact:	MERRIL D MARTIN	Telephone:	(415) 652-2200
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.9173		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Disposal, Other		
Mailing Address:	1250 67TH ST EMERYVILLE, CA 94608 - 1121		
County:	Not reported		
Gepaid:	CAD981457229	Tepaid:	CAD083166728
Contact:	MERRIL D MARTIN	Telephone:	(415) 652-2200
Gen County:	50	Tsd County:	Stanislaus
Tons:	4.3785		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	1250 67TH ST EMERYVILLE, CA 94608 - 1121		
County:	Not reported		

The CA HAZNET database contains 21 additional records for this site.
 Please contact your EDR Account Executive for more information.

K61 GEO M MARTIN COMPANY
 NNE 1308 67TH ST
 1/8-1/4 EMERYVILLE, CA 94608
 734
 Higher Site 7 of 7 in cluster K

Cortese S102430709
 LUST N/A

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-2191
 Reg Board: San Francisco Bay Region
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 01000
 Case Type: Soil only
 Status: Preliminary site assessment underway
 County: Alameda

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GEO M MARTIN COMPANY (Continued)

S102430709

Review Date:	12/31/97	Confirm Leak:	11/11/96
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	10/01/96		
Cleanup Fund Id:	Not reported		
Discover Date :	02/09/1996		
Enforcement Dt:	Not reported		
Enf Type:	Not reported		
Enter Date :	11/11/96		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Remove Contents		
Interim :	Not reported		
Lat/Lon :	Not reported		
Leak Cause:	Corrosion		
Leak Source:	Tank		
Local Case # :	318		
Beneficial:	Not reported		
Staff :	CTH		
MTBE Date :	Not reported		
MTBE Tested :	NRQ		
Max MTBE GW:	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	0		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm :	LOP		
Priority :	Not reported		
Review Date :	12/31/97		
Stop Date :	09/20/1996		
Street Number :	1308		
Work Suspended:	Not reported		
Responsible Party:	Not reported		
Summary:	REQ. CC 11/21/97 . . .		

LUST Region 2:

Region:	2
Facility Id:	01-2191
Entered Date:	11/11/1996
Facility Status:	Preliminary site assessment underway
Maximum Soil Concentration:	3400
Maximum Groundwater Impact:	Not reported
Current Benzene:	Not reported
Current MTBE :	Not reported
Maximum MTBE Groundwater:	Not reported
MTBE Quall:	Not reported

CORTESE:

Reg By:	LTNKA
Reg Id:	01-2191
Region:	CORTESE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

J62 VACANT BLDG
 SSW 1372 OCEAN AVE
 1/8-1/4 EMERYVILLE, CA 94608
 744
 Higher Site 8 of 9 in cluster J

LUST S103556057
 N/A

LUST Alameda County:

Region :	ALAMEDA
Facility Id :	6449
Status :	-0-
Facility Type :	-0-
Case Closed :	-0-
Date Case Closed :	-0-
Contact :	-0-
Contact Company :	-0-
Clean up Fund :	-0-
LOP Status :	-0-
Tank Removal :	-0-
SLIC :	A
Priority Code :	-0-
Inspector Initial :	SH
Leak Source :	-0-
Substance :	-0-
Date Reported :	-0-
Date Confirmed :	-0-
Multiple Responsible Parties :	-0-
Emergency Resp Date :	-0-
Research :	-0-
Date RP was Sent Notice :	-0-
Preliminary Investigation :	-0-
Begin Date :	-0-
End Date :	-0-
Remedial Investigation :	-0-
RI Begin Date :	-0-
RI End Date :	-0-
Remediation Action :	-0-
Remediation Begin Date :	-0-
Remediation End Date :	-0-
Post Remedial Monitoring :	-0-
PRM Begin Date :	-0-
PRM End Date :	-0-
Enforcement Type :	-0-
Enf Action Date :	-0-
LUFT Category :	-0-
Excavation began :	-0-
Remedial Action Occured :	-0-
Contact Address :	-0-
Contact Phone :	-0-
RP Cost :	0.00
Comments :	-0-
Last Correspondence :	2/5/99
Flag Date :	-0-
Location :	-0-
LOP Entry :	5/14/97
LOP Edit :	02/05/1999
LOP Flag :	-0-

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

J63 PLANT INSULATION CO
SSW 2741 S YATES AVE
1/8-1/4 LOS ANGELES, CA 94608
744
Higher Site 9 of 9 in cluster J

LOS ANGELES CO. HMS S102859749
LUST N/A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-2256
Reg Board: San Francisco Bay Region
Chemical: Diesel
Lead Agency: Local Agency
Local Agency: 01000
Case Type: Other ground water affected
Status: Leak being confirmed
County: Alameda
Review Date: 03/31/99
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 06/13/97
Cleanup Fund Id: Not reported
Discover Date: 03/31/1997
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 12/17/97
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Close Tank
Interim: Not reported
Lat/Lon: Not reported
Leak Cause: Unknown
Leak Source: Unknown
Local Case #: 6449
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: YES
Max MTBE GW: 9
GW Qualifies: Not reported
Max MTBE Sol: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 03/31/99
Stop Date: 03/31/1997
Street Number: 1372
Work Suspended: Not reported
Responsible Party: Not reported
Summary: CHLORINATED SOLVENTS ALSO PRESENT IN GW. CC W/ LONG-TERM RMP - 11/6/98. CURRENT MTBE DATE: 9/18/98. MAXGW=DIESEL. MW-1 DESTROYED 2/99.

Confirm Leak: 12/17/97
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

LUST Region 2:

Region: 2
Facility Id: 01-2256

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PLANT INSULATION CO (Continued)

S102859749

Entered Date: 12/17/1997
 Facility Status: Leak being confirmed
 Maximum Soil Concentration: 500
 Maximum Groundwater Impact: 7000
 Current Benzene: ND
 Current MTBE: ND
 Maximum MTBE Groundwater: 9
 MTBE Quali: Not reported

HMS:

Facility Type: Not reported
 Permit Number: Not reported
 Facility Status: OPEN
 Region: Los Angeles County:
 Permit Status: Not reported
 Area: 3V

L64
 NW
 1/8-1/4
 761
 Higher

CHALLENGE MANUFACTURING CO.
 1308 067TH ST
 OAKLAND, CA 94608
 Site 1 of 2 in cluster L

CA FID UST S101624415
 N/A

M65
 ENE
 1/8-1/4
 767
 Higher

A A PRINTING
 7435 UNIVERSITY AVE
 LA MESA, CA 91941
 Site 1 of 5 in cluster M

HAZNET S102423575
 N/A

HAZNET:

Gepaid: CAL920885150
 Contact: LEON ALPERT
 Gen County: San Diego
 Tons: 0.15
 Category: Off-specification, aged, or surplus organics
 Disposal Method: Not reported
 Mailing Address: 7323 EL CAJON BLVD
 LA MESA, CA 91941
 County: Not reported

Tepaid: CAT080011059
 Telephone: (619) 481-4250
 Tsd County: Los Angeles

Gepaid: CAL920885150
 Contact: LEON ALPERT
 Gen County: San Diego
 Tons: 0.15
 Category: Off-specification, aged, or surplus organics
 Disposal Method: Disposal, Other
 Mailing Address: 7323 EL CAJON BLVD
 LA MESA, CA 91941
 County: Not reported

Tepaid: CAT080011059
 Telephone: (619) 481-4250
 Tsd County: Los Angeles

Gepaid: CAL920885150
 Contact: LEON ALPERT
 Gen County: San Diego
 Tons: 0.15
 Category: Other organic solids
 Disposal Method: Transfer Station
 Mailing Address: 7323 EL CAJON BLVD
 LA MESA, CA 91941
 County: Not reported

Tepaid: CAT080022148
 Telephone: (619) 481-4250
 Tsd County: San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

M66
ENE 1164 66TH STREET
1/8-1/4 OAKLAND, CA 94608
767
Higher Site 2 of 5 in cluster M

CHMIRS S100276802
N/A

CHMIRS:
OES Control Number: 9100529 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: DIESEL FUEL
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 40
Environmental Contaminant: Ground Property Use: Industrial, Utility
Incident Date: 17-JUN-91 Date Completed: 17-JUN-91

M67 AA JOHNSON & SON
ENE 1164 66TH ST
1/8-1/4 OAKLAND, CA 94608
767
Higher Site 3 of 5 in cluster M

LUST S102423617
N/A

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1722
Reg Board: San Francisco Bay Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 01000
Case Type: Undefined
Status: Preliminary site assessment underway
County: Alameda
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: 07/17/92 Confirm Leak: 02/27/98
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported
Release Date: 11/11/91
Cleanup Fund Id: Not reported
Discover Date: 09/18/1991
Enforcement Dt: Not reported
Enf Type: N
Enter Date: 06/22/93
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim: Yes
Lat/Lon: 37.848937 / -122.286682
Leak Cause: Unknown
Leak Source: Unknown
Local Case #: 4248
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NT
Max MTBE GW: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AA JOHNSON & SON (Continued)

S102423617

GW Qualifies : Not reported
 Max MTBE Soil : 0
 Soil Qualifies : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm LOP
 Priority : Not reported
 Review Date : 07/17/92
 Stop Date : 09/18/1991
 Street Number : 1164
 Work Suspended :
 Responsible Party : Not reported
 Summary : URF ONLY, CASE FROM LOP LIST

LUST Region 2:

Region : 2
 Facility Id : 01-1722
 Entered Date : 06/22/1993
 Facility Status : Preliminary site assessment underway
 Maximum Soil Concentration : Not reported
 Maximum Groundwater Impact : Not reported
 Current Benzene : Not reported
 Current MTBE : Not reported
 Maximum MTBE Groundwater : Not reported
 MTBE Quall : Not reported

M68 AA JONSON & SON, INC.
 ENE 1164 66TH ST
 1/8-1/4 OAKLAND, CA 94608
 767
 Higher Site 4 of 5 in cluster M

UST U003739209
 N/A

M69 A.A. JOHNSON & SON
 ENE 1164 66TH ST
 1/8-1/4 OAKLAND, CA 94608
 767
 Higher Site 5 of 5 in cluster M

LUST S103556235
 N/A

LUST Alameda County:

Region : ALAMEDA
 Facility Id : 4248
 Status : 4
 Facility Type : S
 Case Closed : -0-
 Date Case Closed : -0-
 Contact : John Twomey
 Contact Company : A.A. Johnson & Son, Inc.
 Clean up Fund : -0-
 LOP Status : A
 Tank Removal : -0-
 SLIC : -0-
 Priority Code : -0-
 Inspector Initial : SH
 Leak Source : F
 Substance : Gasoline
 Date Reported : 11/11/91
 Date Confirmed : 9/18/91
 Multiple Responsible Parties : No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

A.A. JOHNSON & SON (Continued)

S103556235

Emergency Resp Date : -0-
 Research : S
 Date RP was Sent Notice : 7/17/92
 Preliminary Investigation : -0-
 Begin Date : -0-
 End Date : -0-
 Remedial Investigation : -0-
 RI Begin Date : -0-
 RI End Date : -0-
 Remediation Action : -0-
 Remediation Begin Date : -0-
 Remediation End Date : -0-
 Post Remedial Monitoring : -0-
 PRM Begin Date : -0-
 PRM End Date : -0-
 Enforcement Type : 1
 Enf Action Date : 7/17/92
 LUFT Category : -0-
 Excavation began : -0-
 Remedial Action Occured : -0-
 Contact Address : 1160 66th Street
 Oakland, California 94608
 Contact Phone : -0-
 RP Cost : 0.00
 Comments : MTBE = nt
 Last Correspondence : -0-
 Flag Date : -0-
 Location : -0-
 LOP Entry : 7/14/92
 LOP Edit : 05/01/2000
 LOP Flag : -0-

N70
 SSW
 1/8-1/4
 783
 Lower

EMERYVILLE FIRE DEPT.
 6303 HOLLIS ST
 EMERYVILLE, CA 94608
 Site 1 of 9 in cluster N

UST U003713549
 N/A

UST Alameda County:
 Region : ALAMEDA
 Facility Id : 3998
 Total Tanks : 2
 Contact Name : Emeryville Fire Dept
 Permit Date : -0-
 Storage Tank Addr : 6303 Hollis St
 Bill Id : T11023
 Facility Owner : City Of Emeryville
 6303 Hollis St.
 Emeryville, CA 94608
 State Number : 45601
 Underground Tank Fee : 238
 Financial Responsibility : -0-
 Facility Tele : -0-
 Emergency Daytime Number : -0-
 Emergency Night Number : -0-
 Facility Status : C
 State Id : 45601001
 System Entry : 11/05/1993

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EMERYVILLE FIRE DEPT. (Continued)

U003713549

System Edit : -0-
 Last Inspection : 10/26/1993
 Bill Date : 12/15/87
 Flag : -0-
 Date Letter Sent : -0-
 Inspector : BO
 Letter History : NewRegs8/92;TBP12/93;
 Permit History : 3 UST Permitted. Old ipdate 3/3/88. REMOVED 1 UST 3/93. Forms sub-mitted 10/98

N71
 SSW
 1/8-1/4
 783
 Lower

EMERYVILLE FIRE DEPARTMENT
 6303 HOLLIS ST
 EMERYVILLE, CA 94608
 Site 2 of 9 in cluster N

UST U001599271
 N/A

State UST:

Facility ID: 45601	Container Num: 1
Tank Num: 1	Year Installed: 1982
Tank Capacity: 1000	Tank Constrctn: Not reported
Tank Used for: PRODUCT	Telephone: (415) 652-4575
Type of Fuel: DIESEL	Region: STATE
Leak Detection: Stock Inventor	Other Type: FIRE DEPT.
Contact Name: CHIEF RAMON VITTORIO	
Total Tanks: 3	
Facility Type: 2	

Facility ID: 45601	Container Num: 2
Tank Num: 2	Year Installed: 1969
Tank Capacity: 550	Tank Constrctn: Not reported
Tank Used for: PRODUCT	Telephone: (415) 652-4575
Type of Fuel: UNLEADED	Region: STATE
Leak Detection: Stock Inventor	Other Type: FIRE DEPT.
Contact Name: CHIEF RAMON VITTORIO	
Total Tanks: 3	
Facility Type: 2	

Facility ID: 45601	Container Num: 3
Tank Num: 3	Year Installed: Not reported
Tank Capacity: 350	Tank Constrctn: Not reported
Tank Used for: PRODUCT	Telephone: (415) 652-4575
Type of Fuel: DIESEL	Region: STATE
Leak Detection: None	Other Type: FIRE DEPT.
Contact Name: CHIEF RAMON VITTORIO	
Total Tanks: 3	
Facility Type: 2	

N72
 SSW
 1/8-1/4
 783
 Lower

CITY OF EMERYVILLE FIRE ST. #2
 6303 HOLLIS ST
 EMERYVILLE, CA 94608
 Site 3 of 9 in cluster N

LUST S103556052
 N/A

LUST Alameda County:

Region :	ALAMEDA
Facility Id :	3998
Status :	3
Facility Type :	0
Case Closed :	-0-

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CITY OF EMERYVILLE FIRE ST. #2 (Continued)

S103556052

Date Case Closed : -0-
 Contact : Mr. Ignacio Dayrit
 Contact Company : City of Emeryville
 Clean up Fund : -0-
 LOP Status : A
 Tank Removal : -0-
 SLIC : -0-
 Priority Code : MOD/Impact-Invest/Pot.To Cover
 Inspector Initial : SH
 Leak Source : F
 Substance : Gasoline
 Date Reported : 5/31/95
 Date Confirmed : 5/31/95
 Multiple Responsible Parties : No
 Emergency Resp Date : -0-
 Research : S
 Date RP was Sent Notice : 6/13/95
 Preliminary Investigation : U
 Begin Date : 5/31/95
 End Date : 6/15/95
 Remedial Investigation : -0-
 RI Begin Date : -0-
 RI End Date : -0-
 Remediation Action : -0-
 Remediation Begin Date : -0-
 Remediation End Date : -0-
 Post Remedial Monitoring : -0-
 PRM Begin Date : -0-
 PRM End Date : -0-
 Enforcement Type : 1
 Enf Action Date : 6/13/95
 LUFT Category : NT
 Excavation began : 10/12/95
 Remedial Action Occured : -0-
 Contact Address : 2200 Powell, 12th Floor
 Emeryville, California 94608
 Contact Phone : -0-
 RP Cost : 0.00
 Comments : MTBE = 720 ppb (3/13/98)
 Last Correspondence : 6/9/99
 Flag Date : -0-
 Location : -0-
 LOP Entry : 6/5/95
 LOP Edit : 05/01/2000
 LOP Flag : -0-

N73 EMERYVILLE FIRE DEPARTMENT
 SSW 6303 HOLLIS ST
 1/8-1/4 EMERYVILLE, CA 94608
 783
 Lower Site 4 of 9 in cluster N

CA FID UST S101624425
 N/A

N74 EMERYVILLE FIRE STATION #2
 SSW 6303 HOLLIS STREET
 1/8-1/4 EMERYVILLE, CA 94608
 783
 Lower Site 5 of 9 in cluster N

HAZNET S103890508
 LUST N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EMERYVILLE FIRE STATION #2 (Continued)

S103890508

State LUST:

Cross Street:	Not reported	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	Not reported
Case Number:	01-2094	Remed Plan:	Not reported
Reg Board:	San Francisco Bay Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000		
Case Type:	Undefined		
Status:	Preliminary site assessment workplan submitted		
County:	Alameda		
Review Date:	09/06/00		
Workplan:	07/12/95		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	05/31/95		
Cleanup Fund Id:	Not reported		
Discover Date :	05/02/1995		
Enforcement Dt:	Not reported		
Enf Type:	Not reported		
Enter Date :	07/12/95		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Subsurface Monitoring		
How Stopped:	Remove Contents		
Interim :	Not reported		
Lat/Lon :	37.844235 / -122.289781		
Leak Cause:	Unknown		
Leak Source:	Unknown		
Local Case # :	3998		
Beneficial:	Not reported		
Staff :	CTH		
MTBE Date :	Not reported		
MTBE Tested :	YES		
Max MTBE GW :	720		
GW Qualifies :	Not reported		
Max MTBE Soil :	0		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm :	LOP		
Priority :	Not reported		
Review Date :	09/06/00		
Stop Date :	03/08/1995		
Street Number :	6303		
Work Suspended:	Not reported		
Responsible Party:	Not reported		
Summary:	Not reported		

LUST Region 2:

Region:	2
Facility Id:	01-2094
Entered Date:	07/12/1995
Facility Status:	Preliminary site assessment workplan submitted
Maximum Soil Concentration:	Not reported
Maximum Groundwater Impact:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EMERYVILLE FIRE STATION #2 (Continued)

S103890508

Current Benzene: Not reported
 Current MTBE : 720
 Maximum MTBE Groundwater: 720
 MTBE Quali: Not reported

HAZNET:

Gepaid: CAC001238824	Tepaid: CAD028409019
Contact: CITY OF EMERYVILLE	Telephone: (000) 000-0000
Gen County: 19	Tsd County: Los Angeles
Tons: 0.2293	
Category: Unspecified organic liquid mixture	
Disposal Method: Transfer Station	
Mailing Address: 2200 POWELL ST, 12TH FLOOR	
EMERYVILLE, CA 94608	
County: Not reported	

Gepaid: CAC001238824	Tepaid: CAL000027741
Contact: CITY OF EMERYVILLE	Telephone: (000) 000-0000
Gen County: 5	Tsd County: 5
Tons: 16.856	
Category: Asbestos-containing waste	
Disposal Method: Not reported	
Mailing Address: 2200 POWELL ST, 12TH FLOOR	
EMERYVILLE, CA 94608	
County: Not reported	

Gepaid: CAC001081744	Tepaid: CAD028409019
Contact: CITY OF EMERYVILLE	Telephone: (510) 596-4333
Gen County: 19	Tsd County: Los Angeles
Tons: 5.0568	
Category: Other inorganic solid waste	
Disposal Method: Transfer Station	
Mailing Address: 2200 POWELL STREET, 12TH FL	
EMERYVILLE, CA 94608	
County: Not reported	

N75
 SSW
 1/8-1/4
 783
 Lower

FIRE STATION #2
 6303 HOLLIS ST
 EMERYVILLE, CA 94608

Cortese S102428936
 HAZNET N/A

Site 6 of 9 in cluster N

HAZNET:

Gepaid: CAC000753328	Tepaid: CAD008452657
Contact: CITY EMERYVILLE	Telephone: (510) 596-4356
Gen County: 41	Tsd County: San Mateo
Tons: 0.25	
Category: Contaminated soil from site clean-ups	
Disposal Method: Disposal, Land Fill	
Mailing Address: 2200 POWELL ST, 12TH FL	
EMERYVILLE, CA 94608	
County: Not reported	

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

FIRE STATION #2 (Continued)

S102429936

Gepaid:	CAC000753328	Tepaid:	CAD009466392
Contact:	CITY EMERYVILLE	Telephone:	(510) 596-4356
Gen County:	7	Tsd County:	7
Tons:	1		
Category:	Other empty containers 30 gallons or more		
Disposal Method:	Recycler		
Mailing Address:	2200 POWELL ST, 12TH FL		
	EMERYVILLE, CA 94608		
County:	Not reported		
Gepaid:	CAC000753328	Tepaid:	CAT080011059
Contact:	CITY EMERYVILLE	Telephone:	(510) 596-4356
Gen County:	19	Tsd County:	Los Angeles
Tons:	1,105		
Category:	Off-specification, aged, or surplus organics		
Disposal Method:	Recycler		
Mailing Address:	2200 POWELL ST, 12TH FL		
	EMERYVILLE, CA 94608		
County:	Not reported		

CORTESE:
 Reg By: LTNKA
 Reg Id: 01-2094
 Region: CORTESE

N76
 SSW
 1/8-1/4
 789
 Lower

CITY OF EMERYVILLE
 6300 HOLLIS ST.
 EMERYVILLE, CA 94608
 Site 7 of 9 in cluster N

HAZNET S102798247
 N/A

HAZNET:

Gepaid:	CAC000930400	Tepaid:	CAD059494310
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.25		
Category:	Unspecified oil-containing waste		
Disposal Method:	Disposal, Other		
Mailing Address:	2200 POWELL ST.		
	EMERYVILLE, CA 94608		
County:	Not reported		
Gepaid:	CAC000930400	Tepaid:	CAD982446890
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	39	Tsd County:	San Joaquin
Tons:	0.1959		
Category:	Waste oil and mixed oil		
Disposal Method:	Transfer Station		
Mailing Address:	2200 POWELL ST.		
	EMERYVILLE, CA 94608		
County:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CITY OF EMERYVILLE (Continued)

S102798247

Gepaid:	CAC000930400	Tepaid:	CAD980887418
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.2293		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	2200 POWELL ST. EMERYVILLE, CA 94608		
County:	Not reported		

L77 AALBORG CISERV SAN FRANCISCO
 NW 1315 67TH STREET
 1/8-1/4 EMERYVILLE, CA 90000
 809
 Same Site 2 of 2 in cluster L

HAZNET S102813655
 N/A

HAZNET:

Gepaid:	CAL000056003	Tepaid:	NVT330010000
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	99	Tsd County:	99
Tons:	1.2642		
Category:	Unspecified oil-containing waste		
Disposal Method:	Not reported		
Mailing Address:	1315 67TH STREET EMERYVILLE, CA 90000		
County:	Not reported		

O78 OLIVER RUBBER CO. PLANT 2
 East 1150 65TH ST
 1/8-1/4 OAKLAND, CA 94608
 862
 Higher Site 1 of 3 in cluster O

UST U003713261
 N/A

UST Alameda County:

Region :	ALAMEDA
Facility Id :	3930
Total Tanks :	1
Contact Name :	G. B. Hampton
Permit Date :	6/23/93
Storage Tank Addr :	1150 65th St
Bill Id :	T21064
Facility Owner :	-0- 0 P. O. Box 8447
	Oakland, CA 94662
State Number :	303930
Underground Tank Fee :	159
Financial Responsibility :	-0-
Facility Tele :	-0-
Emergency Daytime Number :	-0-
Emergency Night Number :	-0-
Facility Status :	C
State Id :	-0-
System Entry :	06/23/1993
System Edit :	-0-
Last Inspection :	Not reported
Bill Date :	12/15/87
Flag :	-0-

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	OLIVER RUBBER CO. PLANT 2 (Continued)		U003713261
	Date Letter Sent : 12/1/93 Inspector : BO Letter History : NewRegs8/92; Permit History : 1 UST Permitted. Previous acct #T41065 (combined 3/93). Old ipdate04/11/88		
P79 South 1/8-1/4 884 Higher	PLANT HAZARDOUS SRVC ASBESTOS AND LEAD 1300 64TH ST EMERYVILLE, CA 94608 Site 1 of 2 in cluster P	HAZNET	S103982061 N/A
	HAZNET: Gepaid: CAD982320368 Contact: D L RALSTON, PRES Gen County: 1 Tons: 5.4782 Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Mailing Address: PO BOX 8646 EMERYVILLE, CA 94662 County: Not reported	Tepaid: CAD981382732 Telephone: (000) 000-0000 Tsd County: 1	
P80 South 1/8-1/4 884 Higher	PLANT INSULATION CO 1300 64TH ST EMERYVILLE, CA 94662 Site 2 of 2 in cluster P	RCRIS-SQG FINDS	1000321573 CAD009236621
	RCRIS: Owner: INCORPORATED (415) 555-1212 Contact: ENVIRONMENTAL MANAGER (415) 654-7363 Record Date: 06/26/1980 Classification: Hazardous Waste Transporter Used Oil Recycle Violation Status: No violations found		
N81 SSW 1/8-1/4 890 Same	DEVOE COATINGS CO 6251 HOLLIS ST EMERYVILLE, CA 94608 Site 8 of 9 in cluster N	HAZNET	S103960592 N/A
	HAZNET: Gepaid: CAC001035544 Contact: DIV OF GROW GROUP INC Gen County: 41 Tons: 0.2293 Category: Off-specification, aged, or surplus organics Disposal Method: Recycler Mailing Address: 6251 HOLLIS ST EMERYVILLE, CA 94608 County: Not reported	Tepaid: CAD009452857 Telephone: (000) 000-0000 Tsd County: San Mateo	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DEVOE COATINGS CO (Continued)

S103960592

Gepaid:	CAC001035544	Tepaid:	CAD009452657
Contact:	DIV OF GROW GROUP INC	Telephone:	(000) 000-0000
Gen County:	41	Tsd County:	San Mateo
Tons:	0.1		
Category:	Other organic solids		
Disposal Method:	Recycler		
Mailing Address:	6251 HOLLIS ST		
	EMERYVILLE, CA 94608		
County:	Not reported		
Gepaid:	CAC001218512	Tepaid:	CAD009452657
Contact:	DEVOE COATING CO	Telephone:	(510) 655-9706
Gen County:	41	Tsd County:	San Mateo
Tons:	0.0375		
Category:	Off-specification, aged, or surplus organics		
Disposal Method:	Treatment, Incineration		
Mailing Address:	6251 HOLLIS ST		
	EMERYVILLE, CA 94608		
County:	Not reported		
Gepaid:	CAC001218512	Tepaid:	CAD009452657
Contact:	DEVOE COATING CO	Telephone:	(510) 655-9706
Gen County:	41	Tsd County:	San Mateo
Tons:	0.2293		
Category:	Other organic solids		
Disposal Method:	Recycler		
Mailing Address:	6251 HOLLIS ST		
	EMERYVILLE, CA 94608		
County:	Not reported		

N82 DEVOE COATINGS
 SSW 6251 HOLLIS
 1/8-1/4 EMERYVILLE, CA 94608
 890
 Same Site 9 of 9 in cluster N

HAZNET S100860328
 N/A

HAZNET:

Gepaid:	CAC000916576	Tepaid:	CAD009452657
Contact:	GROVE GROUP	Telephone:	(000) 000-0000
Gen County:	41	Tsd County:	San Mateo
Tons:	0.2		
Category:	Other organic solids		
Disposal Method:	Disposal, Other		
Mailing Address:	6251 HOLLIS		
	EMERYVILLE, CA 94608		
County:	Not reported		
Gepaid:	CAC000985200	Tepaid:	CAD009452657
Contact:	DEVOE COATINGS	Telephone:	(000) 000-0000
Gen County:	41	Tsd County:	San Mateo
Tons:	0.042		
Category:			
Disposal Method:	Not reported		
Mailing Address:	P O BOX 7600		
	LOUISVILLE, KY 40207		
County:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DEVOE COATINGS (Continued)

S100860328

Gepaid:	CAC000985200	Tepaid:	CAD009452657
Contact:	DEVOE COATINGS	Telephone:	(000) 000-0000
Gen County:	41	Tsd County:	San Mateo
Tons:	0.251		
Category:	Other organic solids		
Disposal Method:	Not reported		
Mailing Address:	P O BOX 7600		
	LOUISVILLE, KY 40207		
County:	Not reported		

O83 NADY SYSTEMS INC
 East 1145 65TH ST
 1/8-1/4 OAKLAND, CA 94608
 898
 Higher Site 2 of 3 in cluster O

RCRIS-SQG 1000440812
 FINDS CAD083790899
 LUST

RCRIS:
 Owner: JOHN NADY
 (415) 555-1212
 Contact: ENVIRONMENTAL MANAGER
 (415) 652-2411
 Record Date: 09/01/1996
 Classification: Small Quantity Generator
 Used Oil RecycNo
 Violation StatusNo violations found

LUST Alameda County:
 Region : ALAMEDA
 Facility Id : 6394
 Status : 2
 Facility Type : U
 Case Closed : -0-
 Date Case Closed : -0-
 Contact : Mr. John Nady
 Contact Company : Nady Systems Inc.
 Clean up Fund : -0-
 LOP Status : A
 Tank Removal : -0-
 SLIC : -0-
 Priority Code : HIGH/Fast Action/Concerns
 Inspector Initial : LS
 Leak Source : F
 Substance : Diesel
 Date Reported : 3/9/99
 Date Confirmed : 12/12/98
 Multiple Responsible Parties : Yes
 Emergency Resp Date : -0-
 Research : S
 Date RP was Sent Notice : 3/15/99
 Preliminary Investigation : -0-
 Begin Date : -0-
 End Date : -0-
 Remedial Investigation : -0-
 RI Begin Date : -0-
 RI End Date : -0-

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(\$)
 EDR ID Number
 EPA ID Number

NADY SYSTEMS INC (Continued)

1000440812

Remediation Action : -0-
 Remediation Begin Date : -0-
 Remediation End Date : -0-
 Post Remedial Monitoring : -0-
 PRM Begin Date : -0-
 PRM End Date : -0-
 Enforcement Type : 2
 Enf Action Date : 2/19/99
 LUFT Category : 2ACS
 Excavation began : -0-
 Remedial Action Occured : -0-
 Contact Address : 6701 Bay Street
 Emeryville, California 94608
 Contact Phone : -0-
 RP Cost : 0.00
 Comments : Groundwater has not been tested for MTBE
 Last Correspondence : 5/12/99
 Flag Date : -0-
 Location : -0-
 LOP Entry : 3/11/99
 LOP Edit : 05/02/2000
 LOP Flag : -0-

Q84
 NNW
 1/8-1/4
 896
 Higher

VETERANS AFFAIRS OUTPATIENT CLINIC
 841 FOLGER AVE
 BERKELEY, CA 94710

RCRIS-SQG 1001075564
 FINDS CAR000006528

Site 1 of 2 in cluster Q

RCRIS:
 Owner: VETERANS AFFAIRS
 (510) 372-4520
 Contact: CYNTHIA CASALINA
 (510) 372-4520
 Record Date: 10/08/1995
 Classification: Small Quantity Generator
 Used Oil RecyclNo
 Violation Status: No violations found

R85
 SSE
 1/8-1/4
 902
 Higher

CITY OF EMERYVILLE REDEVELOPMENT AGENCY
 1268 64TH ST.
 EMERYVILLE, CA 94608

HAZNET S100932622
 N/A

Site 1 of 3 in cluster R

HAZNET:
 Gepaid: CAC000974872
 Contact: CITY OF EMERYVILLE
 Gen County: 48
 Tons: 2.107
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Mailing Address: 2200 POWELL ST., 12TH FLOOR
 EMERYVILLE, CA 94608
 County: Not reported
 Tepaid: CAD982042475
 Telephone: (510) 596-4354
 Tsd County: Solano

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CITY OF EMERYVILLE REDEVELOPMENT AGENCY (Continued)

S100932622

Gepaid:	CAC000974872	Tepaid:	NVT330010000
Contact:	CITY OF EMERYVILLE	Telephone:	(510) 596-4354
Gen County:	99	Tsd County:	99
Tons:	11.7992		
Category:	Not reported		
Disposal Method:	Not reported		
Mailing Address:	2200 POWELL ST., 12TH FLOOR EMERYVILLE, CA 94608		
County:	Not reported		
Gepaid:	CAC000974872	Tepaid:	NVT330010000
Contact:	CITY OF EMERYVILLE	Telephone:	(510) 596-4354
Gen County:	99	Tsd County:	99
Tons:	2,5284		
Category:	Contaminated soil from site clean-ups		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	2200 POWELL ST., 12TH FLOOR EMERYVILLE, CA 94608		
County:	Not reported		

Q86 PRINT MIT PRESS
 NNW 830 FOLGER AVE
 1/8-1/4 BERKELEY, CA 94710
 915
 Higher Site 2 of 2 in cluster Q

HAZNET S103673709
 N/A

HAZNET:

Gepaid:	CAL000157059	Tepaid:	CA0000084517
Contact:	MARGARET RITA	Telephone:	(000) 000-0000
Gen County:	34	Tsd County:	Sacramento
Tons:	0.0416		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	830 FOLGER AVE BERKELEY, CA 94710		
County:	Not reported		
Gepaid:	CAL000157059	Tepaid:	CAD070148432
Contact:	MARGARET RITA	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.0208		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	830 FOLGER AVE BERKELEY, CA 94710		
County:	Not reported		
Gepaid:	CAL000157059	Tepaid:	CA0000084517
Contact:	MARGARET RITA	Telephone:	(000) 000-0000
Gen County:	34	Tsd County:	Sacramento
Tons:	0.0416		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	830 FOLGER AVE BERKELEY, CA 94710		
County:	Not reported		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site Database(s) EDR ID Number
 EPA ID Number

R87 CITY OF EMERYVILLE HAZNET S102798680
 SE 1258 64TH ST. N/A
 1/8-1/4 EMERYVILLE, CA 94608
 927
 Higher Site 2 of 3 in cluster R

HAZNET:
 Gepaid: CAC000936352 Tepaid: CAD990794133
 Contact: Not reported Telephone: (000) 000-0000
 Gen County: 39 Tsd County: San Joaquin
 Tons: 1.6856
 Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Mailing Address: 2200 POWELL, 12TH FLOOR
 EMERYVILLE, CA 94608
 County: Not reported

R88 VACANT LOT LUST S103556041
 SE 1258 64TH ST N/A
 1/8-1/4 EMERYVILLE, CA 94608
 927
 Higher Site 3 of 3 in cluster R

LUST Alameda County:
 Region : ALAMEDA
 Facility Id : 5818
 Status : -0-
 Facility Type : -0-
 Case Closed : -0-
 Date Case Closed : -0-
 Contact : Maria Poncel
 Contact Company : City Of Emeryville
 Clean up Fund : -0-
 LOP Status : -0-
 Tank Removal : -0-
 SLIC : -0-
 Priority Code : -0-
 Inspector Initial : SH
 Leak Source : -0-
 Substance : -0-
 Date Reported : -0-
 Date Confirmed : -0-
 Multiple Responsible Parties : -0-
 Emergency Resp Date : -0-
 Research : -0-
 Date RP was Sent Notice : -0-
 Preliminary Investigation : -0-
 Begin Date : -0-
 End Date : -0-
 Remedial Investigation : -0-
 RI Begin Date : -0-
 RI End Date : -0-
 Remediation Action : -0-
 Remediation Begin Date : -0-
 Remediation End Date : -0-
 Post Remedial Monitoring : -0-
 PRM Begin Date : -0-
 PRM End Date : -0-
 Enforcement Type : -0-
 Enf Action Date : -0-
 LUFT Category : -0-

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

VACANT LOT (Continued)

S103556041

Excavation began : -0-
 Remedial Action Occured : -0-
 Contact Address : 2200 Powell Street, #1200
 Emeryville, California 94608
 Contact Phone : -0-
 RP Cost : 0.00
 Comments : MTBE = nt; slic site
 Last Correspondence : 11/13/97
 Flag Date : 11/14/96
 Location : -0-
 LOP Entry : 1/28/00
 LOP Edit : 05/01/2000
 LOP Flag : -0-

S89
ESE
1/8-1/4
961
Higher

1121OCEAN
OAKLAND, CA 94608
Site 1 of 4 in cluster S

CHMIRS S100276593
N/A

CHMIRS:
 OES Control Number: 9100113 DOT ID: Not reported
 DOT Hazard Class: Not Reported
 Chemical Name: LIQUID NIRTOGEN
 Extent of Release: Not reported
 CAS Number: Not reported Quantity Released: 0
 Environmental Contamination: None Reported Property Use: Industrial, Utility
 Incident Date: 04-FEB-91 Data Completed: 05-FEB-91

O90
East
1/8-1/4
965
Higher

JOHN NADY
1137-1167 65TH ST
OAKLAND, CA 94608
Site 3 of 3 in cluster O

HAZNET S103972477
N/A

HAZNET:
 Gepaid: CAC001465504 Tepaid: CAD009466392
 Contact: JOHN NADY Telephone: (510) 652-2411
 Gen County: 7 Tsd County: 7
 Tons: 0.375
 Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Mailing Address: 6701 BAY ST
 EMERYVILLE, CA 94608
 County: Not reported
 Gepaid: CAC001465504 Tepaid: CAL000161743
 Contact: JOHN NADY Telephone: (510) 652-2411
 Gen County: 43 Tsd County: Santa Clara
 Tons: 1.251
 Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Mailing Address: 6701 BAY ST
 EMERYVILLE, CA 94608
 County: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

JOHN NADY (Continued)

S103972477

Gepaid:	CAC001465504	Tepaid:	CAT000646117
Contact:	JOHN NADY	Telephone:	(510) 652-2411
Gen County:	16	Tsd County:	Kings
Tons:	12.642		
Category:	Contaminated soil from site clean-ups		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	8701 BAY ST		
	EMERYVILLE, CA 94608		
County:	Not reported		

S91 BAYOX, INC.
 ESE 1171 OCEAN AVE
 1/8-1/4 OAKLAND, CA 94608
 1003
 Higher Site 2 of 4 in cluster S

UST U003713702
 LUST N/A

State LUST:

Cross Street:	Not reported	
Qty Leaked:	Not reported	
Case Number	01-0165	
Reg Board:	San Francisco Bay Region	
Chemical:	Diesel	
Lead Agency:	Local Agency	
Local Agency :	01000	
Case Type:	Soil only	
Status:	Signed off, remedial action completed or deemed unnecessary	
County:	Alameda	
Abate Method:	No Action Taken - no action has as yet been taken at the site	
Review Date:	08/07/96	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: 12/26/89
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	5/2/96	
Release Date:	02/01/88	
Cleanup Fund Id:	Not reported	
Discover Date :	02/01/1988	
Enforcement Dt :	Not reported	
Enf Type:	N	
Enter Date :	07/17/92	
Funding:	Federal Funds	
Staff Initials:	Not reported	
How Discovered:	Tank Closure	
How Stopped:	Close Tank	
Interim :	No	
Lat/Lon :	37.846895 / -122.285872	
Leak Cause:	Structure Failure	
Leak Source:	Tank	
Local Case # :	307	
Beneficial:	Not reported	
Staff :	CTH	
MTBE Date :	Not reported	
MTBE Tested :	NRQ	
Max MTBE GW :	Not reported	
GW Qualifies :	Not reported	
Max MTBE Soil :	0	
Soil Qualifies :	Not reported	
Hydr Basin #:	Not reported	
Operator :	Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BAYOX, INC. (Continued)

U003713702

Oversight Prgm :LOP
 Priority : Not reported
 Review Date : 08/07/96
 Stop Date : 02/01/1988
 Street Number : 1171
 Work SuspendedN
 Responsible Party: Not reported
 Summary: ARCHIVED 11/1/96 CONTROL NO 120-100 SRC 0904750

LUST Region 2:

Region: 2
 Facility Id: 01-0165
 Entered Date: 07/17/1992
 Facility Status: Signed off, remedial action completed or deemed unnecessary
 Maximum Soil Concentration: 2
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

UST San Francisco County:

Facility ID:	307	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Tank Owner:	Not reported	Date Installed:	Not reported
Manufacturer:	Not reported	Ust Number:	1
Contact Name:	Not reported	Close Date:	Not reported
Other Interior Lining:	Not reported	Dispenser:	Not reported
Received Date:	Not reported		
Certified Date:	Not reported		
Drop Tube:	Not reported		
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		
Estimated Quantity Remaining:	Not reported		
Inert Filling:	Not reported		
Jurisdiction:	Not reported		
Other Tank System:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BAYOX, INC. (Continued)

U003713702

Other Tank Material: Not reported
 Other Tank Leak Detection: Not reported
 Other Pipe Leak Detection: Not reported
 Methanol Compatible: Not reported

UST Alameda County:

Region : ALAMEDA
 Facility Id : 307
 Total Tanks : 0
 Contact Name : Jim Gindt
 Permit Date : -0-
 Storage Tank Addr : 1171 Ocean Ave
 Bill Id : T11049
 Facility Owner : Removed 1 UGT 06/89
 1171 Ocean Ave.

Oakland, CA 94608

State Number : -0-
 Underground Tank Fee : 0
 Financial Responsibility : -0-
 Facility Tele : 415-547-1800
 Emergency Daytime Number : 415-222-1760
 Emergency Night Number : 415-222-1760
 Facility Status : R
 State Id : -0-
 System Entry : 03/27/1989
 System Edit : -0-
 Last Inspection : Not reported
 Bill Date : 10/27/88
 Flag : -0-
 Date Letter Sent : -0-
 Inspector : BO
 Letter History : -0-
 Permit History : -0-

S92
 ESE
 1/8-1/4
 1003
 Higher

ALTAIR GASSES & EQUIPMENT INC.
 1171 OCEAN AVE
 OAKLAND, CA 94608

HAZNET S102425028
 N/A

Site 3 of 4 in cluster S

HAZNET:

Gepaid: CAL000019302 Tepaid: CAT000646117
 Contact: ALTAIR GASSES & EQUIPMENT INC Telephone: (510) 277-2100
 Gen County: 16 Tsd County: Kings
 Tons: 1.2
 Category: Other inorganic solid waste
 Disposal Method: Disposal, Land Fill
 Mailing Address: 4000 EXECUTIVE PKWY STE 520
 SAN RAMON, CA 94583 - 4257
 County: Not reported

S93
 ESE
 1/8-1/4
 1003
 Higher

PRAXAIR
 1171 OCEAN AVE
 OAKLAND, CA 94608

HAZNET S104580314
 N/A

Site 4 of 4 in cluster S

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EPA ID Number

PRAXAIR (Continued)

S104580314

HAZNET:

Gepaid: CAL000170927	Tepaid: CAD059494310
Contact: PRAXAIR CORPORATION	Telephone: (515) 964-5535
Gen County: 43	Tsd County: Santa Clara
Tons: 1.2	
Category:	
Disposal Method: Not reported	
Mailing Address: 1171 OCEAN AVE	
OAKLAND, CA 94608	
County: Not reported	

T94 UNITECH AUTO SERVICE
 NW 753 FOLGER AVE
 1/8-1/4 BERKELEY, CA 94710
 1011
 Lower Site 1 of 2 in cluster T

HAZNET S104576233
 N/A

HAZNET:

Gepaid: CAL000045143	Tepaid: CAD044003556
Contact: BUNTHA & BUNTHAN	Telephone: (000) 000-0000
Gen County: 57	Tsd County: Yolo
Tons: 0.3336	
Category: Aqueous solution with 10% or more total organic residues	
Disposal Method: Transfer Station	
Mailing Address: 753 FOLGER AVE	
BERKELEY, CA 94710	
County: Not reported	

T95 TIRE AND ALIGNMENT CENTER
 NW 751 FOLGER
 1/8-1/4 BERKELEY, CA 94710
 1026
 Lower Site 2 of 2 in cluster T

HAZNET S100876095
 N/A

HAZNET:

Gepaid: CAL000065632	Tepaid: CAD083166728
Contact: TIMS AUTO ELECTRIC	Telephone: (000) 000-0000
Gen County: 50	Tsd County: Stanislaus
Tons: 0.834	
Category: Unspecified oil-containing waste	
Disposal Method: Treatment, Incineration	
Mailing Address: 751 FOLGER AVE	
BERKELEY, CA 94710 - 2809	
County: Not reported	

Gepaid: CAL000065632	Tepaid: CAD083166728
Contact: TIMS AUTO ELECTRIC	Telephone: (000) 000-0000
Gen County: 50	Tsd County: Stanislaus
Tons: 0.6255	
Category: Unspecified oil-containing waste	
Disposal Method: Recycler	
Mailing Address: 751 FOLGER AVE	
BERKELEY, CA 94710 - 2809	
County: Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

98 MORAN MOTORSPORT
 NNE 1019 FOLGER ST
 1/8-1/4 BERKELEY, CA 94702
 1061
 Higher

HAZNET S104575400
 N/A

HAZNET:

Gepaid: CAL000007900 Tepaid: CAD009452657
 Contact: STEPHEN MORAN Telephone: (510) 548-7171
 Gen County: 41 Tsd County: San Mateo
 Tons: 0.4169
 Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Mailing Address: 1019 FOLGER ST
 BERKELEY, CA 94702
 County: Not reported

Gepaid: CAL000007900 Tepaid: CAD009452657
 Contact: STEPHEN MORAN Telephone: (510) 548-7171
 Gen County: 41 Tsd County: San Mateo
 Tons: 0.6671
 Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Mailing Address: 1019 FOLGER ST
 BERKELEY, CA 94702
 County: Not reported

Gepaid: CAL000007900 Tepaid: CAD009452657
 Contact: STEPHEN MORAN Telephone: (510) 548-7171
 Gen County: 41 Tsd County: San Mateo
 Tons: 0.2085
 Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Mailing Address: 1019 FOLGER ST
 BERKELEY, CA 94702
 County: Not reported

Gepaid: CAL000007900 Tepaid: CAD009452657
 Contact: STEPHEN MORAN Telephone: (510) 548-7171
 Gen County: 41 Tsd County: San Mateo
 Tons: 0.417
 Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Mailing Address: 1019 FOLGER ST
 BERKELEY, CA 94702
 County: Not reported

Gepaid: CAL000007900 Tepaid: CAD093459485
 Contact: STEPHEN MORAN Telephone: (510) 548-7171
 Gen County: 10 Tsd County: Fresno
 Tons: 0.0208
 Category: Unspecified solvent mixture Waste
 Disposal Method: Transfer Station
 Mailing Address: 1019 FOLGER ST
 BERKELEY, CA 94702
 County: Not reported

The CA HAZNET database contains 3 additional records for this site.
 Please contact your EDR Account Executive for more information.

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number																																																						
97	WNW	1/8-1/4	1064	Lower	ATLAS PACIFIC ENGRG CO INC DEL 1321-67TH ST AT HOLLIS ST EMERYVILLE, CA 94608	RCRIS-SQG FINDS	1000157674 CAD009130899																																																							
<p>RCRIS:</p> <p>Owner: CORPORATION (415) 555-1212</p> <p>Contact: ENVIRONMENTAL MANAGER (415) 655-7250</p> <p>Record Date: 09/01/1996</p> <p>Classification: Small Quantity Generator</p> <p>Used Oil RecycNo</p> <p>Violation StatusNo violations found</p>																																																														
U98	SSW	1/8-1/4	1077	Same	BAY CITIES ENVELOPE CORP 1399 64TH ST EMERYVILLE, CA 94608	HAZNET	1001610948 N/A																																																							
<p>Site 1 of 3 In cluster U</p> <p>HAZNET:</p> <table border="0"> <tr> <td>Gepaid: CAL000007242</td> <td>Tepaid: CAD009452657</td> </tr> <tr> <td>Contact: DONALD E RODRIGUEZ</td> <td>Telephone: (415) 456-3444</td> </tr> <tr> <td>Gen County: 41</td> <td>Tsd County: San Mateo</td> </tr> <tr> <td>Tons: 0.2293</td> <td></td> </tr> <tr> <td>Category: Unspecified organic liquid mixture</td> <td></td> </tr> <tr> <td>Disposal MethodNot reported</td> <td></td> </tr> <tr> <td>Mailing Address: 1399 64TH ST</td> <td></td> </tr> <tr> <td>EMERYVILLE, CA 94608 - 1106</td> <td></td> </tr> <tr> <td>County Not reported</td> <td></td> </tr> </table> <table border="0"> <tr> <td>Gepaid: CAL000007242</td> <td>Tepaid: CAD009452657</td> </tr> <tr> <td>Contact: DONALD E RODRIGUEZ</td> <td>Telephone: (415) 456-3444</td> </tr> <tr> <td>Gen County: 41</td> <td>Tsd County: San Mateo</td> </tr> <tr> <td>Tons: 0.2293</td> <td></td> </tr> <tr> <td>Category: Unspecified organic liquid mixture</td> <td></td> </tr> <tr> <td>Disposal MethodRecycler</td> <td></td> </tr> <tr> <td>Mailing Address: 1399 64TH ST</td> <td></td> </tr> <tr> <td>EMERYVILLE, CA 94608 - 1106</td> <td></td> </tr> <tr> <td>County Not reported</td> <td></td> </tr> </table> <table border="0"> <tr> <td>Gepaid: CAL000007242</td> <td>Tepaid: CAD009452657</td> </tr> <tr> <td>Contact: DONALD E RODRIGUEZ</td> <td>Telephone: (415) 456-3444</td> </tr> <tr> <td>Gen County: 41</td> <td>Tsd County: San Mateo</td> </tr> <tr> <td>Tons: 0.2293</td> <td></td> </tr> <tr> <td>Category: Oil/water separation sludge</td> <td></td> </tr> <tr> <td>Disposal MethodNot reported</td> <td></td> </tr> <tr> <td>Mailing Address: 1399 64TH ST</td> <td></td> </tr> <tr> <td>EMERYVILLE, CA 94608 - 1106</td> <td></td> </tr> <tr> <td>County Not reported</td> <td></td> </tr> </table>									Gepaid: CAL000007242	Tepaid: CAD009452657	Contact: DONALD E RODRIGUEZ	Telephone: (415) 456-3444	Gen County: 41	Tsd County: San Mateo	Tons: 0.2293		Category: Unspecified organic liquid mixture		Disposal MethodNot reported		Mailing Address: 1399 64TH ST		EMERYVILLE, CA 94608 - 1106		County Not reported		Gepaid: CAL000007242	Tepaid: CAD009452657	Contact: DONALD E RODRIGUEZ	Telephone: (415) 456-3444	Gen County: 41	Tsd County: San Mateo	Tons: 0.2293		Category: Unspecified organic liquid mixture		Disposal MethodRecycler		Mailing Address: 1399 64TH ST		EMERYVILLE, CA 94608 - 1106		County Not reported		Gepaid: CAL000007242	Tepaid: CAD009452657	Contact: DONALD E RODRIGUEZ	Telephone: (415) 456-3444	Gen County: 41	Tsd County: San Mateo	Tons: 0.2293		Category: Oil/water separation sludge		Disposal MethodNot reported		Mailing Address: 1399 64TH ST		EMERYVILLE, CA 94608 - 1106		County Not reported	
Gepaid: CAL000007242	Tepaid: CAD009452657																																																													
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County Not reported																																																														

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BAY CITIES ENVELOPE CORP (Continued)

1001610948

Gepaid:	CAL000007242	Tepaid:	CAD009452657
Contact:	DONALD E RODRIGUEZ	Telephone:	(415) 456-3444
Gen County:	41	Tsd County:	San Mateo
Tons:	0.6879		
Category:	Oil/water separation sludge		
Disposal Method:	Recycler		
Mailing Address:	1399 64TH ST		
	EMERYVILLE, CA 94608 - 1106		
County:	Not reported		
Gepaid:	CAL000007242	Tepaid:	CAD009452657
Contact:	DONALD E RODRIGUEZ	Telephone:	(415) 456-3444
Gen County:	41	Tsd County:	San Mateo
Tons:	0.2293		
Category:	Oil/water separation sludge		
Disposal Method:	Recycler		
Mailing Address:	1399 64TH ST		
	EMERYVILLE, CA 94608 - 1106		
County:	Not reported		

The CA HAZNET database contains 4 additional records for this site.
 Please contact your EDR Account Executive for more information.

V99
 SSW
 1/8-1/4
 1078
 Lower

MISSION TAYLOR PROPERTIES
 1410 64TH ST
 EMERYVILLE, CA 94608
 Site 1 of 2 in cluster V

LUST S103472199
 N/A

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-0926
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 01000
 Case Type: Undefined
 Status: Signed off, remedial action completed or deemed unnecessary
 County: Alameda
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: 08/07/96
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Close Date: 3/22/96
 Release Date: 02/23/90
 Cleanup Fund Id: Not reported
 Discover Date: 02/23/1990
 Enforcement Dt: Not reported
 Enf Type: N
 Enter Date: 12/06/90
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: No
 Lat/Lon: 37.844987 / -122.290488
 Leak Cause: Structure Failure

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MISSION TAYLOR PROPERTIES (Continued)

S103472199

Leak Source: Tank
Local Case #: 3789
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NT
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 08/07/96
Stop Date: 10/10/1990
Street Number: 1410
Work Suspended: N
Responsible Party: Not reported
Summary: ARCHIVED 11/1/96 CONTROL NO 120-103 SRC 0904753

LUST Region 2:

Region: 2
Facility Id: 01-0926
Entered Date: 12/06/1990
Facility Status: Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration: Not reported
Maximum Groundwater Impact: Not reported
Current Benzene: Not reported
Current MTBE: Not reported
Maximum MTBE Groundwater: Not reported
MTBE Quali: Not reported

LUST Alameda County:

Region: ALAMEDA
Facility Id: 3789
Status: 9
Facility Type: O
Case Closed: Y
Date Case Closed: 3/22/96
Contact: Susan Lowenburg
Contact Company: Mission Taylor Properties
Clean up Fund: -0-
LOP Status: I
Tank Removal: -0-
SLIC: -0-
Priority Code: MOD/Impact-Invest/Pot.To Cover
Inspector Initial: CL
Leak Source: F
Substance: Gasoline
Date Reported: 2/23/90
Date Confirmed: 2/23/90
Multiple Responsible Parties: No
Emergency Resp Date: -0-
Research: S
Date RP was Sent Notice: 3/23/92
Preliminary Investigation: C
Begin Date: 4/12/90

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MISSION TAYLOR PROPERTIES (Continued)

S103472199

End Date : 4/13/90
Remedial Investigation : C
RI Begin Date : 4/13/90
RI End Date : 1/4/93
Remediation Action : C
Remediation Begin Date : 2/23/90
Remediation End Date : 11/15/95
Post Remedial Monitoring : -0-
PRM Begin Date : -0-
PRM End Date : -0-
Enforcement Type : 1
Enf Action Date : 3/23/92
LUFT Category : 3HSCAWG
Excavation began : 2/23/90
Remedial Action Occured : ED
Contact Address : 44 Montgomery St. #3520
San Francisco, Ca 94104
Contact Phone : -0-
RP Cost : 0.00
Comments : 4
Last Correspondence : 3/22/96
Flag Date : -0-
Location : -0-
LOP Entry : 3/12/92
LOP Edit : 08/07/1996
LOP Flag : -0-

V100
SSW
1/8-1/4
1078
Lower

RIEKES CONTAINER COMPANY
1410 64TH ST
EMERYVILLE, CA 94608
Site 2 of 2 in cluster V

UST U001599309
N/A

State UST:

Facility ID: 37074
Tank Num: 1
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Leak Detection: Visual
Contact Name: KATHY BRISTOL
Total Tanks: 1
Facility Type: 2
Container Num: A43-AA-16
Year Installed: Not reported
Tank Constrctn: 5/8 inches
Telephone: (415) 653-9474
Region: STATE
Other Type: DISTRIBUTION

101
East
1/8-1/4
1089
Higher

KNOWN
6400 SAN PABLO
OAKLAND, CA 92626

Notify 65 S100178895
N/A

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92626

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

W102 GRING PEST CONTROL SERVICE, IN
 NW 741 FOLGER AVE
 1/8-1/4 BERKELEY, CA 94710
 1114
 Lower Site 1 of 2 in cluster W

UST U001599662
 Cortese N/A
 LUST

State LUST:

Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-0724
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 01020
 Case Type: Other ground water affected
 Status: Post remedial action monitoring in progress
 County: Alameda
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: 01/24/96 Confirm Leak: 01/24/96
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported Monitoring: Not reported
 Close Date: Not reported
 Release Date: 02/23/87
 Cleanup Fund Id: Not reported
 Discover Date: 02/23/1987
 Enforcement Dt: Not reported
 Enf Type: Not reported
 Enter Date: 01/24/96
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: No
 Lat/Lon: 37.8496 / -122.2923
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case #: 01-0724
 Beneficial: Not reported
 Staff: CTH
 MTBE Date: Not reported
 MTBE Tested: NT
 Max MTBE GW: Not reported
 GW Qualifies: Not reported
 Max MTBE Soil: 0
 Soil Qualifies: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: LIA
 Priority: Not reported
 Review Date: 01/24/96
 Stop Date: 02/23/1987
 Street Number: 741
 Work Suspended: N
 Responsible Party: Not reported
 Summary: MAXSOIL-GW TPH-G

LUST Region 2:

Region: 2
 Facility Id: 01-0724

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GRING PEST CONTROL SERVICE, IN (Continued)

U001599662

Entered Date: 01/24/1996
Facility Status: Post remedial action monitoring in progress
Maximum Soil Concentration: 150
Maximum Groundwater Impact: 933000
Current Benzene: 58800
Current MTBE : Not reported
Maximum MTBE Groundwater: Not reported
MTBE Quali: Not reported

CORTESE:

Reg By: LTNKA
Reg Id: 01-0724
Region: CORTESE

State UST:

Facility ID: 67297
Tank Num: 1
Tank Capacity: 2000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: ROBERT G. SCHWIERS
Total Tanks: 2
Facility Type: 2

Container Num: 2000
Year Installed: 1955
Tank Constrctn: X inches
Telephone: (415) 843-5110
Region: STATE
Other Type: PEST CONTROL

Facility ID: 67297
Tank Num: 2
Tank Capacity: 500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: None
Contact Name: ROBERT G. SCHWIERS
Total Tanks: 2
Facility Type: 2

Container Num: 500
Year Installed: 1955
Tank Constrctn: Not reported
Telephone: (415) 843-5110
Region: STATE
Other Type: PEST CONTROL

W103
NW
1/8-1/4
1114
Lower

GRING PEST CONTROL SERVICE, IN
741 FOLGER AVE
BERKELEY, CA 94710

CA FID UST S101624609
HAZNET N/A

Site 2 of 2 in cluster W

HAZNET:

Gepaid: CAC000027367
Contact: Not reported
Gen County: 41
Tons: 37.53
Category: Unspecified oil-containing waste
Disposal Method/Recycler
Mailing Address: SAME AS ABOVE
CA 94710
County: Not reported

Tepaid: CAD043260702
Telephone: (000) 000-0000
Tsd County: San Mateo

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GRING PEST CONTROL SERVICE, IN (Continued)

S101624609

Gepaid:	CAC000027367	Tepaid:	CAD980883177
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	15	Tsd County:	Kern
Tons:	67.424		
Category:	Contaminated soil from site clean-ups		
Disposal Method:	Not reported		
Mailing Address:	SAME AS ABOVE		
	CA 94710		
County	Not reported		
Gepaid:	CAC000027367	Tepaid:	CAD980883177
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	15	Tsd County:	Kern
Tons:	101.136		
Category:	Contaminated soil from site clean-ups		
Disposal Method:	Recycler		
Mailing Address:	SAME AS ABOVE		
	CA 94710		
County	Not reported		

X104
 NNW
 1/8-1/4
 1141
 Higher

EAST BAY STEEL PRODUCTS
 900 MURRAY ST
 BERKELEY, CA 94710
 Site 1 of 4 in cluster X

HAZNET 1001610995
 N/A

HAZNET:

Gepaid:	CAP982451676	Tepaid:	CAL000161741
Contact:	EAST BAY STEEL PRODUCTS	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	4.17		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	900 MURRAY ST		
	BERKELEY, CA 94710 - 2815		
County	Not reported		
Gepaid:	CAP982451676	Tepaid:	CAT080013352
Contact:	EAST BAY STEEL PRODUCTS	Telephone:	(000) 000-0000
Gen County:	19	Tsd County:	Los Angeles
Tons:	0.4587		
Category:	Off-specification, aged, or surplus organics		
Disposal Method:	Not reported		
Mailing Address:	900 MURRAY ST		
	BERKELEY, CA 94710 - 2815		
County	Not reported		
Gepaid:	CAP982451676	Tepaid:	HAHQ36009791
Contact:	EAST BAY STEEL PRODUCTS	Telephone:	(000) 000-0000
Gen County:	0	Tsd County:	0
Tons:	0.45		
Category:	Other organic solids		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	900 MURRAY ST		
	BERKELEY, CA 94710 - 2815		
County	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EAST BAY STEEL PRODUCTS (Continued)

1001610995

Gepaid: CAC002175009 Tepaid: CAD008252405
 Contact: EAST BAY STEEL PRODUCTS Telephone: (510) 452-0122
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.4587
 Category: Off-specification, aged, or surplus organics
 Disposal Method: Recycler
 Mailing Address: PO BOX 23711
 OAKLAND, CA 94623
 County: Not reported

Y105 ADMAC PRE-PRESS INC
 WNW 1464 67TH ST
 1/8-1/4 EMERYVILLE, CA 94608
 1155
 Lower Site 1 of 3 in cluster Y

HAZNET S103631160
 N/A

HAZNET:

Gepaid: CAL000178733 Tepaid: CAT000613976
 Contact: ADMAC PRE-PRESS INC Telephone: (510) 653-2695
 Gen County: 30 Tsd County: Orange
 Tons: 0.0417
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Transfer Station
 Mailing Address: 1464 67TH ST
 EMERYVILLE, CA 94608 - 1016
 County: Not reported

Gepaid: CAL000178733 Tepaid: CA0000084517
 Contact: ADMAC PRE-PRESS INC Telephone: (510) 653-2695
 Gen County: 34 Tsd County: Sacramento
 Tons: 0.3441
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Transfer Station
 Mailing Address: 1464 67TH ST
 EMERYVILLE, CA 94608 - 1016
 County: Not reported

Gepaid: CAL000178733 Tepaid: CAT000613976
 Contact: ADMAC PRE-PRESS INC Telephone: (510) 653-2695
 Gen County: 30 Tsd County: Orange
 Tons: 0.1668
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Transfer Station
 Mailing Address: 1464 67TH ST
 EMERYVILLE, CA 94608 - 1016
 County: Not reported

Gepaid: CAL000178733 Tepaid: CA0000084517
 Contact: ADMAC PRE-PRESS INC Telephone: (510) 653-2695
 Gen County: 34 Tsd County: Sacramento
 Tons: 0.0854
 Category: Photochemicals/photoprocessing waste
 Disposal Method: Transfer Station
 Mailing Address: 1464 67TH ST
 EMERYVILLE, CA 94608 - 1016
 County: Not reported

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number	
Z106	SSW	1/8-1/4	1171	Lower	1X LAWRENCE BERKELEY LAB 1450 64TH ST EMERYVILLE, CA 94608	HAZNET	S103947344	N/A	
Site 1 of 2 in cluster Z									
HAZNET:									
Gepaid:		CAC000967448		Tepaid:		CAD980887418			
Contact:		LAWRENCE BERKELEY LAB		Telephone:		(000) 000-0000			
Gen County:		1		Tsd County:		1			
Tons:		7.506							
Category:		Waste oil and mixed oil							
Disposal Method:		Recycler							
Mailing Address: 1 CYCLOTRONE RD, MAILSTOP									
BERKELEY, CA 94720									
County:		Not reported							
Gepaid:		CAC000967448		Tepaid:		OHD053576294			
Contact:		LAWRENCE BERKELEY LAB		Telephone:		(000) 000-0000			
Gen County:		99		Tsd County:		99			
Tons:		7.4627							
Category:		Polychlorinated biphenyls and material containing PCB's							
Disposal Method:		Not reported							
Mailing Address: 1 CYCLOTRONE RD, MAILSTOP									
BERKELEY, CA 94720									
County:		Not reported							
Z107	SSW	1/8-1/4	1171	Lower	LAWRENCE BERKELEY LAB 1450 64TH ST EMERYVILLE, CA 94608	HAZNET	S100938771	N/A	
Site 2 of 2 in cluster Z									
HAZNET:									
Gepaid:		CAC000948568		Tepaid:		CAT000646117			
Contact:		LAWRENCE BERKELEY LAB		Telephone:		(000) 000-0000			
Gen County:		16		Tsd County:		Kings			
Tons:		2.5							
Category:		Asbestos-containing waste							
Disposal Method:		Disposal, Land Fill							
Mailing Address: 1 CYCLOTRONE RD, MAILSTOP									
BERKELEY, CA 94720									
County:		Not reported							
Gepaid:		CAC000948568		Tepaid:		CAT080014079			
Contact:		LAWRENCE BERKELEY LAB		Telephone:		(000) 000-0000			
Gen County:		7		Tsd County:		7			
Tons:		0.2085							
Category:		Waste oil and mixed oil							
Disposal Method:		Transfer Station							
Mailing Address: 1 CYCLOTRONE RD, MAILSTOP									
BERKELEY, CA 94720									
County:		Not reported							

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LAWRENCE BERKELEY LAB (Continued)

S100938771

Gepaid:	CAC000948568	Tepaid:	CAT080014079
Contact:	LAWRENCE BERKELEY LAB	Telephone:	(000) 000-0000
Gen County:	7	Tsd County:	7
Tons:	0.0325		
Category:	Laboratory waste chemicals		
Disposal Method:	Transfer Station		
Mailing Address:	1 CYCLOTRONE RD, MAILSTOP BERKELEY, CA 94720		
County:	Not reported		
Gepaid:	CAC000948568	Tepaid:	KSD981506025
Contact:	LAWRENCE BERKELEY LAB	Telephone:	(000) 000-0000
Gen County:	99	Tsd County:	99
Tons:	0.4011		
Category:	Polychlorinated biphenyls and material containing PCB's		
Disposal Method:	Treatment, Incineration		
Mailing Address:	1 CYCLOTRONE RD, MAILSTOP BERKELEY, CA 94720		
County:	Not reported		

U108 BAYER CORPORATION
 SSW 6121 HOLLIS ST
 1/8-1/4 EMERYVILLE, CA 94608
 1179
 Same Site 2 of 3 in cluster U

HAZNET S104580255
 N/A

HAZNET:

Gepaid:	CAL000170696	Tepaid:	CAD059494310
Contact:	BAYER CORPORATION	Telephone:	(412) 487-1000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.0015		
Category:	Other inorganic solid waste		
Disposal Method:	Disposal, Other		
Mailing Address:	PO BOX 1986 BERKELEY, CA 94701 - 1986		
County:	Not reported		
Gepaid:	CAL000170696	Tepaid:	CAD059494310
Contact:	BAYER CORPORATION	Telephone:	(412) 487-1000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.0525		
Category:	Other inorganic solid waste		
Disposal Method:	Transfer Station		
Mailing Address:	PO BOX 1986 BERKELEY, CA 94701 - 1986		
County:	Not reported		
Gepaid:	CAL000170696	Tepaid:	CAD059494310
Contact:	BAYER CORPORATION	Telephone:	(412) 487-1000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.1959		
Category:	Unspecified organic liquid mixture		
Disposal Method:	Disposal, Other		
Mailing Address:	PO BOX 1986 BERKELEY, CA 94701 - 1986		
County:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BAYER CORPORATION (Continued)

S104580255

Gepaid:	CAL000170696	Tepaid:	CAD059494310
Contact:	BAYER CORPORATION	Telephone:	(412) 487-1000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.1025		
Category:	Laboratory waste chemicals		
Disposal Method:	Transfer Station		
Mailing Address:	PO BOX 1986		
	BERKELEY, CA 94701 - 1986		
County:	Not reported		
Gepaid:	CAL000170696	Tepaid:	UTD981552177
Contact:	BAYER CORPORATION	Telephone:	(412) 487-1000
Gen County:	99	Tsd County:	99
Tons:	0.5421		
Category:	Laboratory waste chemicals		
Disposal Method:	Treatment, Incineration		
Mailing Address:	PO BOX 1986		
	BERKELEY, CA 94701 - 1986		
County:	Not reported		

U109
 SSW
 1/8-1/4
 1179
 Same

U S POSTAL SERVICE
 6121 HOLLIS ST (#B)
 EMERYVILLE, CA 94608
 Site 3 of 3 in cluster U

UST U003713553
 N/A

UST Alameda County:

Region :	ALAMEDA
Facility Id :	4428
Total Tanks :	0
Contact Name :	Charles Wren
Permit Date :	-0-
Storage Tank Addr :	6121 Hollis St (#B)
Bill Id :	-0-
Facility Owner :	-0-
	850 Cherry St.
	San Bruno, CA 94099
State Number :	-0-
Underground Tank Fee :	0
Financial Responsibility :	-0-
Facility Tele :	-0-
Emergency Daytime Number :	415-742-4601
Emergency Night Number :	-0-
Facility Status :	R
State Id :	-0-
System Entry :	07/28/1993
System Edit :	-0-
Last Inspection :	Not reported
Bill Date :	-0-
Flag :	-0-
Date Letter Sent :	-0-
Inspector :	BO
Letter History :	-0-
Permit History :	REMOVED 2 UST'S 7/93

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

110
 NNE
 1/8-1/4
 1196
 Higher

TABS TOMORROW
 1041A FOLGER AVE
 BERKELEY, CA 94710

HAZNET S100946153
 N/A

HAZNET:

Gepaid:	CAL000112303	Tepaid:	CAD070148432
Contact:	STEVE BERGER	Telephone:	(510) 841-0775
Gen County:	1	Tsd County:	1
Tons:	0.0834		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Not reported		
Mailing Address:	1041A FOLGER AVE BERKELEY, CA 94710 - 2819		
County:	Not reported		

Gepaid:	CAL000112303	Tepaid:	CAD070148432
Contact:	STEVE BERGER	Telephone:	(510) 841-0775
Gen County:	1	Tsd County:	1
Tons:	0.1459		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Treatment, Incineration		
Mailing Address:	1041A FOLGER AVE BERKELEY, CA 94710 - 2819		
County:	Not reported		

Gepaid:	CAL000112303	Tepaid:	CAD070148432
Contact:	STEVE BERGER	Telephone:	(510) 841-0775
Gen County:	1	Tsd County:	1
Tons:	0.0625		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	1041A FOLGER AVE BERKELEY, CA 94710 - 2819		
County:	Not reported		

Gepaid:	CAL000112303	Tepaid:	CA0000084517
Contact:	STEVE BERGER	Telephone:	(510) 841-0775
Gen County:	34	Tsd County:	Sacramento
Tons:	0.2502		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Transfer Station		
Mailing Address:	1041A FOLGER AVE BERKELEY, CA 94710 - 2819		
County:	Not reported		

Gepaid:	CAL000112303	Tepaid:	CAD070148432
Contact:	STEVE BERGER	Telephone:	(510) 841-0775
Gen County:	1	Tsd County:	1
Tons:	0.1251		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Not reported		
Mailing Address:	1041A FOLGER AVE BERKELEY, CA 94710 - 2819		
County:	Not reported		

The CA HAZNET database contains 3 additional records for this site.
 Please contact your EDR Account Executive for more information.

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
AA111					PLUMSTERS INC 1308 63RD ST EMERYVILLE, CA 94608	RCRIS-SQG FINDS	1000596831	CAD983608142
				1211	Site 1 of 2 in cluster AA			
					RCRIS: Owner: PLUMSTERS INC (510) 658-7438 Contact: BERGIT ARCTANDER (510) 658-7438 Record Date: 10/08/1991 Classification: Small Quantity Generator Used Oil RecycNo Violation StatusNo violations found			
AA112					ANDREW ALLEN 1310 63RD STREET EMERYVILLE, CA 94608	HAZNET	S103628005	N/A
				1211	Site 2 of 2 in cluster AA			
					HAZNET: Gepaid: CAC001256184 Contact: ANDREW ALLEN Gen County: 5 Tons: 0.8428 Category: Asbestos-containing waste Disposal MethodDisposal, Land Fill Mailing Address: 1316 63RD STREET EMERYVILLE, CA 94608 County Not reported	Tepaid: CAL000027741 Telephone: (000) 000-0000 Tsd County: 5		
AB113					UC BERKELEY UNKNOWN MURRY ST / FOLGER ST & 7TH ST BERKELEY, CA	CA SLIC	S102002458	N/A
				1214	Site 1 of 6 in cluster AB			
				Higher				

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UC BERKELEY (Continued)

S102002458

SLIC Region 2:

Facility ID: 01S0129
 Region: 2
 Facility Status: Inactive
 Staff: DCL
 Last Site Update: 09/17/1988
 NPL Status: Not an NPL site
 Case Type: Not reported
 Contamination: Not reported
 Lead: RWQCB
 Contamination Level: Not reported
 Number of Municipal Wells Contaminated by Site: 0
 Number of Private Wells Contaminated by Site: 0
 Soil Removal Action Taken/Needed: Not reported
 Soil Removal or Contaminant Action Started: Not reported
 Soil Removal or Contaminant Action Completed: Not reported
 On-Site Groundwater Extraction or Containment is Needed: Not reported
 On-Site Groundwater Extraction or Containment Started: Not reported
 Off-Site Groundwater Extraction or Containment is Needed: Not reported
 Off-Site Groundwater Extraction or Containment Started: Not reported
 Length of Contamination Plume (Feet): 0
 Depth of Contamination Plume (Feet): 0
 Wells Closed Due To Contamination of Site: Not reported
 Date of Wells Closure: Not reported
 Nearest Public or Private Drinking Water Well (Feet): 0
 Under Jurisdiction of Lead Agency Date: Not reported
 Latitude/Longitude: 38 / -122
 Flow Rate: 0
 Flow Date: Not reported
 Percent of Contaminants Contained: 0
 Contaminant Type: Not reported
 EPA ID: Not reported
 Stages of Site Investigation Process Initiated:
 Begun Characterization : Not reported
 Completed Characterization : Not reported
 Begun Remediation: Not reported
 Completed Remediation: Not reported
 Submitted Remediation Plan: Not reported
 Approved Remediation Plan: Not reported
 Begun Final Remedial Action: Not reported
 Completed Final Remedial Action: Not reported
 Facility Desc: Not reported
 Comment: Not reported

AB114 RINEHART OIL COMPANY
 NNW 840 ASHBY AVE.
 1/8-1/4 BERKELEY, CA 94710
 1223
 Higher Site 2 of 6 in cluster AB

HAZNET S103673962
 N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RINEHART OIL COMPANY (Continued)

S103673962

HAZNET:
 Gepaid: CAL000073129 Tepaid: CAD028409019
 Contact: ROBERT RINEHART Telephone: (000) 000-0000
 Gen County: 19 Tsd County: Los Angeles
 Tons: 0.9174
 Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Mailing Address: PO BOX 725
 County: UKIAH, CA 95482
 County: Not reported

AB115
 NNW
 1/8-1/4
 1223
 Higher

TEXACO
 840 ASHBY AVE
 BERKELEY, CA
 Site 3 of 6 in cluster AB

Cortese S102438628
 LUST N/A

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-1243
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 01020
 Case Type: Other ground water affected
 Status: Signed off, remedial action completed or deemed unnecessary
 County: Alameda
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
 Review Date: 11/17/99 Confirm Leak: 02/26/91
 Workplan: Not reported Prelim Assess: 06/30/89
 Pollution Char: 2/16/91 Remed Plan: 5/25/94
 Remed Action: Not reported Monitoring: Not reported
 Close Date: 11/18/99
 Release Date: 03/27/86
 Cleanup Fund Id: Not reported
 Discover Date: 03/27/1986
 Enforcement Dt: 05/23/1990
 Enf Type: Warning/notice of violation to uncooperative responsible parties (includes CDO and CAO)
 Enter Date: 02/26/91
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: Yes
 Lat/Lon: 37.850721 / -122.291065
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case #: 01-1243
 Beneficial: Not reported
 Staff: CTH
 MTBE Date: Not reported
 MTBE Tested: NT
 Max MTBE GW: Not reported
 GW Qualifies: Not reported
 Max MTBE Soil: 0
 Soil Qualifies: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO (Continued) S102438628

Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm :LIA
 Priority: Not reported
 Review Date: 11/17/99
 Stop Date: 03/27/1986
 Street Number: 840
 Work Suspended: N
 Responsible Party: Not reported
 Summary: CC PER RWQCB 11/18/99.

LUST Region 2:

Region: 2
 Facility Id: 01-1243
 Entered Date: 02/26/1991
 Facility Status: Signed off, remedial action completed or deemed unnecessary
 Maximum Soil Concentration: 480
 Maximum Groundwater Impact: 9999999
 Current Benzene: 14000
 Current MTBE: Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

CORTESE:

Reg By: LTNKA
 Reg Id: 01-1243
 Region: CORTESE

AB116	ASHBY TEXACO	CA FID UST	S101623575
NNW	840 ASHBY AVE		N/A
1/8-1/4	BERKELEY, CA 94526		
1223			
Higher	Site 4 of 6 in cluster AB		

AB117	RINEHART OIL COMPANY	HAZNET	S100943529
NNW	841 ASHBY AVE		N/A
1/8-1/4	BERKELEY, CA 94705		
1224			
Higher	Site 5 of 6 in cluster AB		

HAZNET:
 Gepaid: CAC000868768 Tepad: CAD083166728
 Contact: ROBERT F. RINEHART Telephone: (000) 000-0000
 Gen County: 50 Tsd County: Stanislaus
 Tons: 1.4595
 Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Mailing Address: P O BOX 725
 UKIAH, CA 95482 - 0725
 County: Not reported

Y118	METALCO	HAZNET	S102818176
WNW	1475 67TH STREET		N/A
1/8-1/4	EMERYVILLE, CA 94608		
1230			
Lower	Site 2 of 3 in cluster Y		

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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METALCO (Continued)

S102818176

HAZNET:

Gepaid: CAL000100455	Tepaid: IDD073114654
Contact: FRITZ WISBAR	Telephone: (000) 000-0000
Gen County: 99	Tsd County: 99
Tons: 2.5	
Category: Other inorganic solid waste	
Disposal Method: Not reported	
Mailing Address: 1475 67TH ST	
EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAL000100455	Tepaid: IDD073114654
Contact: FRITZ WISBAR	Telephone: (000) 000-0000
Gen County: 99	Tsd County: 99
Tons: 1.5	
Category: Other inorganic solid waste	
Disposal Method: Disposal, Land Fill	
Mailing Address: 1475 67TH ST	
EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAL000100455	Tepaid: CAT000646117
Contact: FRITZ WISBAR	Telephone: (000) 000-0000
Gen County: 16	Tsd County: Kings
Tons: 0.25	
Category: Other inorganic solid waste	
Disposal Method: Disposal, Land Fill	
Mailing Address: 1475 67TH ST	
EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAL000100455	Tepaid: IDD073114654
Contact: FRITZ WISBAR	Telephone: (000) 000-0000
Gen County: 99	Tsd County: 99
Tons: 0.9	
Category: Other inorganic solid waste	
Disposal Method: Disposal, Land Fill	
Mailing Address: 1475 67TH ST	
EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAL000100455	Tepaid: NVD980895338
Contact: FRITZ WISBAR	Telephone: (000) 000-0000
Gen County: 99	Tsd County: 99
Tons: 3.6761	
Category: Other inorganic solid waste	
Disposal Method: Recycler	
Mailing Address: 1475 67TH ST	
EMERYVILLE, CA 94608	
County: Not reported	

The CA HAZNET database contains 4 additional records for this site.
Please contact your EDR Account Executive for more information.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

AC119 MYERS DRUM CO
 ENE 6549 SAN PABLO AVE
 1/8-1/4 OAKLAND, CA 94608
 1263
 Higher Site 1 of 5 in cluster AC

FINDS 1000369037
 RCRIS-LQG CAD009123217
 CERC-NFRAP
 UST
 CA FID UST
 HAZNET
 CA SLIC

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported	Federal Facility: Not a Federal Facility
Ownership Status: Private	NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:	
Assessment: DISCOVERY	Completed: 19931018
Assessment: PRELIMINARY ASSESSMENT	Completed: 19940915

RCRIS:

Owner: KAISER STEEL CORPORATION
 (415) 555-1212

Contact: ENVIRONMENTAL MANAGER
 (415) 233-4865

Record Date: 09/01/1996

Classification: Large Quantity Generator

Used Oil RecycNo

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	11/19/1984
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	12/02/1984
Actual Date Achieved Compliance:	11/30/1984

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	11/30/1984

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 National Compliance Database (NCDB)

HAZNET:

Gepaid: CAD009123217	Tepaid: CAT080033681
Contact: IMACE CORP	Telephone: (510) 652-6847
Gen County: 19	Tsd County: Los Angeles
Tons: 20.85	
Category: Unspecified sludge waste	
Disposal Method: Not reported	
Mailing Address: 900 BROOKSIDE DR	
RICHMOND, CA 94801 - 1309	
County: Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MYERS DRUM CO (Continued)

1000369037

<p>Gepaid: CAD009123217 Contact: IMACE CORP Gen County: 15 Tons: 6 Category: Contaminated soil from site clean-ups Disposal Method: Treatment, Tank Mailing Address: 900 BROOKSIDE DR RICHMOND, CA 94801 - 1309 County: Not reported</p>	<p>Tepaid: CAD980675276 Telephone: (510) 652-6847 Tsd County: Kern</p>
<p>Gepaid: CAD009123217 Contact: IMACE CORP Gen County: 19 Tons: 0.015 Category: Other organic solids Disposal Method: Transfer Station Mailing Address: 900 BROOKSIDE DR RICHMOND, CA 94801 - 1309 County: Not reported</p>	<p>Tepaid: CAD028409019 Telephone: (510) 652-6847 Tsd County: Los Angeles</p>
<p>Gepaid: CAD009123217 Contact: IMACE CORP Gen County: 48 Tons: 0.8428 Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Mailing Address: 900 BROOKSIDE DR RICHMOND, CA 94801 - 1309 County: Not reported</p>	<p>Tepaid: CAD982042475 Telephone: (510) 652-6847 Tsd County: Solano</p>
<p>Gepaid: CAD009123217 Contact: IMACE CORP Gen County: 5 Tons: 25.284 Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Mailing Address: 900 BROOKSIDE DR RICHMOND, CA 94801 - 1309 County: Not reported</p>	<p>Tepaid: CAL000027741 Telephone: (510) 652-6847 Tsd County: 5</p>

The CA HAZNET database contains 6 additional records for this site.
 Please contact your EDR Account Executive for more information.

FID:

Facility ID: 01002689	Regulate ID: 00041770
Reg By: Active Underground Storage Tank Location	SIC Code: Not reported
Corfese Code: Not reported	Facility Tel: (415) 652-6847
Status: Active	
Mail To: Not reported 6549 SAN PABLO AVE OAKLAND, CA 94608	
Contact: Not reported	Contact Tel: Not reported
DUNs No: Not reported	NPDES No: Not reported
Creation: 10/22/93	Modified: 00/00/00
EPA ID: Not reported	
Comments: Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MYERS DRUM CO (Continued)

1000389037

SLIC Region 2:

Facility ID: 01S0201
 Region: 2
 Facility Status: Active
 Staff: DCL
 Last Site Update: 01/24/1994
 NPL Status: Not an NPL site
 Case Type: Not reported
 Contamination: Not reported
 Lead: RWQCB
 Contamination Level: Not reported
 Number of Municipal Wells Contaminated by Site: 0
 Number of Private Wells Contaminated by Site: 0
 Soil Removal Action Taken/Needed: Not reported
 Soil Removal or Contaminant Action Started: Not reported
 Soil Removal or Contaminant Action Completed: Not reported
 On-Site Groundwater Extraction or Containment is Needed: Not reported
 On-Site Groundwater Extraction or Containment Started: Not reported
 Off-Site Groundwater Extraction or Containment is Needed: Not reported
 Off-Site Groundwater Extraction or Containment Started: Not reported
 Length of Contamination Plume (Feet): 0
 Depth of Contamination Plume (Feet): 0
 Wells Closed Due To Contamination of Site: Not reported
 Date of Wells Closure: Not reported
 Nearest Public or Private Drinking Water Well (Feet): 0
 Under Jurisdiction of Lead Agency Date: Not reported
 Latitude/Longitude: 38 / -122
 Flow Rate: 0
 Flow Date: Not reported
 Percent of Contaminants Contained: 0
 Contaminant Type: Not reported
 EPA ID: Not reported
 Stages of Site Investigation Process Initiated:
 Begun Characterization : Not reported
 Completed Characterization : Not reported
 Begun Remediation: Not reported
 Completed Remediation: Not reported
 Submitted Remediation Plan: Not reported
 Approved Remediation Plan: Not reported
 Begun Final Remedial Action: Not reported
 Completed Final Remedial Action: Not reported
 Facility Desc: Not reported
 Comment: Not reported

State UST:

Facility ID: 14527
 Tank Num: 1
 Tank Capacity: 8000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Leak Detection: Stock Inventor
 Contact Name: THURMAN CRABTREE
 Total Tanks: 4
 Facility Type: 2
 Container Num: 1
 Year Installed: Not reported
 Tank Constrctn: 1/4 inches
 Telephone: (415) 271-6200
 Region: STATE
 Other Type: DRUM RECONDITIONING

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MYERS DRUM CO (Continued)

1000369037

Facility ID: 14527	Container Num: 2
Tank Num: 2	Year Installed: Not reported
Tank Capacity: 25000	
Tank Used for: WASTE	Tank Constrctn: 6 inches
Type of Fuel: Not Reported	
Leak Detection: None	Telephone: (415) 271-6200
Contact Name: THURMAN CRABTREE	Region: STATE
Total Tanks: 4	Other Type: DRUM RECONDITIONING
Facility Type: 2	

Facility ID: 14527	Container Num: 3
Tank Num: 3	Year Installed: Not reported
Tank Capacity: 16000	
Tank Used for: WASTE	Tank Constrctn: 6 inches
Type of Fuel: Not Reported	
Leak Detection: None	Telephone: (415) 271-6200
Contact Name: THURMAN CRABTREE	Region: STATE
Total Tanks: 4	Other Type: DRUM RECONDITIONING
Facility Type: 2	

Facility ID: 14527	Container Num: 4
Tank Num: 4	Year Installed: Not reported
Tank Capacity: 1000	
Tank Used for: WASTE	Tank Constrctn: 1/4 inches
Type of Fuel: WASTE OIL	
Leak Detection: None	Telephone: (415) 271-6200
Contact Name: THURMAN CRABTREE	Region: STATE
Total Tanks: 4	Other Type: DRUM RECONDITIONING
Facility Type: 2	

UST Alameda County:

Region :	ALAMEDA
Facility Id :	1740
Total Tanks :	4
Contact Name :	Sather Mike
Permit Date :	-0-
Storage Tank Addr :	6549 San Pablo Ave
Bill Id :	TB1087
Facility Owner :	Myers Drum Company
	0 P. O. Box 8367

	Emeryville, CA 94608
State Number :	41770
Underground Tank Fee :	397
Financial Responsibility :	-0-
Facility Tele :	415-652-6847
Emergency Daytime Number :	-0-
Emergency Night Number :	707-643-3311
Facility Status :	C
State Id :	-0-
System Entry :	09/22/1992
System Edit :	-0-
Last Inspection :	08/30/1993
Bill Date :	8/19/88
Flag :	-0-
Date Letter Sent :	12/1/93
Inspector :	BO

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MYERS DRUM CO (Continued)

1000369037

Letter History :
 Permit History :
 NewRegs8/92;
 5 UST Permitted

AC120 OAKLAND - TIGHTHEAD
 ENE 6549 SAN PABLO AVE
 1/8-1/4 OAKLAND, CA 94608
 1263
 Higher

UST U001599298
 N/A

Site 2 of 5 in cluster AC

State UST:

Facility ID: 41770
 Tank Num: 1
 Tank Capacity: 10000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Leak Detection: None
 Contact Name: THURMAN CRABTREE
 Total Tanks: 5
 Facility Type: 2

Container Num: OFB 1
 Year Installed: 1942
 Tank Constrctn: Not reported
 Telephone: (415) 652-6847
 Region: STATE
 Other Type: DRUM RECONDITIONER

Facility ID: 41770
 Tank Num: 2
 Tank Capacity: 40000
 Tank Used for: WASTE
 Type of Fuel: Not Reported
 Leak Detection: None
 Contact Name: THURMAN CRABTREE
 Total Tanks: 5
 Facility Type: 2

Container Num: OCW 1
 Year Installed: 1975
 Tank Constrctn: 9 inches
 Telephone: (415) 652-6847
 Region: STATE
 Other Type: DRUM RECONDITIONER

Facility ID: 41770
 Tank Num: 3
 Tank Capacity: 1000
 Tank Used for: WASTE
 Type of Fuel: WASTE OIL
 Leak Detection: None
 Contact Name: THURMAN CRABTREE
 Total Tanks: 5
 Facility Type: 2

Container Num: OWO 1
 Year Installed: Not reported
 Tank Constrctn: Not reported
 Telephone: (415) 652-6847
 Region: STATE
 Other Type: DRUM RECONDITIONER

Facility ID: 41770
 Tank Num: 4
 Tank Capacity: 4000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Leak Detection: Stock Inventor
 Contact Name: THURMAN CRABTREE
 Total Tanks: 5
 Facility Type: 2

Container Num: ODL 1
 Year Installed: Not reported
 Tank Constrctn: Not reported
 Telephone: (415) 652-6847
 Region: STATE
 Other Type: DRUM RECONDITIONER

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

OAKLAND - TIGHTHEAD (Continued)

U001599298

Facility ID: 41770	Container Num: OGA 1
Tank Num: 5	Year Installed: 1977
Tank Capacity: 10000	
Tank Used for: PRODUCT	
Type of Fuel: REGULAR	Tank Constrctn: Not reported
Leak Detection: Stock Inventor	
Contact Name: THURMAN CRABTREE	Telephone: (415) 652-6847
Total Tanks: 5	Region: STATE
Facility Type: 2	Other Type: DRUM RECONDITIONER

AC121 DOROTHY WARBURTON
 ENE 6549 SAN PABLO AVE
 1/8-1/4 OAKLAND, CA 94608
 1263
 Higher Site 3 of 5 in cluster AC

HAZNET S104570284
 N/A

HAZNET:	
Gepaid: CAC002134897	Tepaid: CAD982042475
Contact: DOROTHY WARBURTON	Telephone: (000) 000-0000
Gen County: 48	Tsd County: Solano
Tons: 5.8996	
Category: Asbestos-containing waste	
Disposal Method: Disposal, Land Fill	
Mailing Address: 10 CREST RD	
OAKLAND, CA 94611	
County: Not reported	

AC122 MYERS DRUM - OAKLAND
 ENE 6549 SAN PABLO AVE
 1/8-1/4 OAKLAND, CA 94608
 1263
 Higher Site 4 of 5 in cluster AC

AWP S101272666
 Cortese N/A
 Cal-Sites

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MYERS DRUM - OAKLAND (Continued)

S101272666

CAL-SITES:

Facility ID 01340111
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date: 01/01/1990
Lead: DTSC
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC: 34 MANU - FABRICATED METAL PRODUCTS
Facility Type: RESPONSIBLE PARTY
Type Name: RP
Staff Member Responsible for Site: TPARK
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF - SAN FRANCISCO BAY
Access: Uncontrolled
Cortese: U
Hazardous Ranking Score: 36.33
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Suspected
No. of Contamination Sources: 1
Lat/Long: 37 50 N 52.00 W / 122 17 W 3.00 W
Lat/long Method: TEALE ADDRESS MATCH
State Assembly District Code: 14
State Senate District: 9

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

AWP Facility ID: 01340111 Facility Type: RP

CORTESE:

Reg By: CALSI
Reg Id: 01340111
Region: CORTESE

X123
NNW
1/8-1/4
1264
Higher

TOSCO CORPORATION SS#31305
901 ASHBY AVE
BERKELEY, CA 94702

HAZNET S103991820
N/A

Site 2 of 4 in cluster X

HAZNET:

Gepaid: CAL000161442 Tepaid: CAD009466392
Contact: TOSCO MARKETING Telephone: (602) 728-4180
Gen County: 7 Tsd County: 7
Tons: 0.5
Category: Empty containers less than 30 gallons
Disposal Method/Recycler
Mailing Address: P O BOX 52085
PHOENIX, AZ 85072 - 2085
County: Not reported

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
X124	NNW	1/8-1/4	1264	Higher	7 ELEVEN STORE 24302 901 ASHBY AVE BERKELEY, CA 94710	HAZNET	S104577446	N/A
Site 3 of 4 in cluster X								
HAZNET:								
Gepaid:		CAL000083224		Tepaid:		CAD009452857		
Contact:		THE SOUTHLAND CORPORATION		Telephone:		(206) 251-9155		
Gen County:		41		Tsd County:		San Mateo		
Tons:		3.4319						
Category:		Oil/water separation sludge						
Disposal Method:		Recycler						
Mailing Address:		PO BOX 711						
		DALLAS, TX 75221 - 0711						
County:		Not reported						
Gepaid:		CAL000083224		Tepaid:		CAD009466392		
Contact:		THE SOUTHLAND CORPORATION		Telephone:		(206) 251-9155		
Gen County:		7		Tsd County:		7		
Tons:		0.275						
Category:		Other empty containers 30 gallons or more						
Disposal Method:		Recycler						
Mailing Address:		PO BOX 711						
		DALLAS, TX 75221 - 0711						
County:		Not reported						
Y125	WNW	1/8-1/4	1266	Lower	COLTER STEEL & FORGE 1494 67TH ST. EMERYVILLE, CA 94662	HAZNET	S102800449	N/A
Site 3 of 3 in cluster Y								
HAZNET:								
Gepaid:		CAC000974808		Tepaid:		CAD009466392		
Contact:		COLTER STEEL & FORGE		Telephone:		(000) 000-0000		
Gen County:		7		Tsd County:		7		
Tons:		0.5						
Category:		Other empty containers 30 gallons or more						
Disposal Method:		Recycler						
Mailing Address:		1494 67TH ST.						
		EMERYVILLE, CA 94662						
County:		Not reported						
Gepaid:		CAC000974808		Tepaid:		CAD043260702		
Contact:		COLTER STEEL & FORGE		Telephone:		(000) 000-0000		
Gen County:		41		Tsd County:		San Mateo		
Tons:		1.251						
Category:		Unspecified oil-containing waste						
Disposal Method:		Recycler						
Mailing Address:		1494 67TH ST.						
		EMERYVILLE, CA 94662						
County:		Not reported						
X126	NNW	1/8-1/4	1270	Higher	SUPER-7 #24302 901 ASHBY AVE BERKELEY, CA 94710	UST	U001599671	N/A
Site 4 of 4 in cluster X								

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SUPER-7 #24302 (Continued)

U001599671

State UST:

Facility ID:	12769	Container Num:	24302 -1-0
Tank Num:	1	Year Installed:	1983
Tank Capacity:	12000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	REGULAR	Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument, Pressure Test
Contact Name:	DUANE CHARITY	Telephone:	(415) 549-2730
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	12769	Container Num:	24302-2-0
Tank Num:	2	Year Installed:	1983
Tank Capacity:	12000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	UNLEADED	Leak Detection:	Stock Inventor, Vapor Sniff Well, Pressure Test
Contact Name:	DUANE CHARITY	Telephone:	(415) 549-2730
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	12769	Container Num:	24302 -3-0
Tank Num:	3	Year Installed:	1983
Tank Capacity:	12000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	PREMIUM	Leak Detection:	Stock Inventor, Vapor Sniff Well, Pressure Test
Contact Name:	DUANE CHARITY	Telephone:	(415) 549-2730
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	12769	Container Num:	24302 -4-0
Tank Num:	4	Year Installed:	1983
Tank Capacity:	12000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	DIESEL	Leak Detection:	Stock Inventor, Vapor Sniff Well, Sensor Instrument, Pressure Test
Contact Name:	DUANE CHARITY	Telephone:	(415) 549-2730
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	Not reported

AC127 QUALITY TUNE UP #36
 ENE 6598 SAN PABLO AVENUE
 1/8-1/4 OAKLAND, CA 94608
 1274
 Higher Site 5 of 5 in cluster AC

HAZNET S100871563
 N/A

HAZNET:

Gepaid:	CAL922044745	Tepaid:	CAD980887418
Contact:	DARRYL ANDERSON	Telephone:	(510) 654-8513
Gen County:	1	Tsd County:	1
Tons:	0.0834		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Transfer Station		
Mailing Address:	286 E HAMILTON AVE STE A CAMPBELL, CA 95008		
County	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

QUALITY TUNE UP #36 (Continued)

S100871563

Gepaid: CAL922044745 Tepaid: CAD980887418
 Contact: DARRYL ANDERSON Telephone: (510) 654-8513
 Gen County: 1 Tsd County: 1
 Tons: 0.0625
 Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Mailing Address: 286 E HAMILTON AVE STE A
 CAMPBELL, CA 95008
 County: Not reported

128
 NE
 1/8-1/4
 1276
 Higher

STANDARD BRANDS PAINT-#21
 23126 S HAWTHORNE BLVD
 OAKLAND, CA 94608

UST U003659349
 N/A

UST San Francisco County:

Facility ID: 1694
 Tank ID: Not reported
 Tank Owner: Not reported
 Manufacturer: Not reported
 Contact Name: Not reported
 Other Interior Lining: Not reported
 Received Date: Not reported
 Certified Date: Not reported
 Drop Tube: Not reported
 Striker Plate: Not reported
 Contents A: Not reported
 Contents B: Not reported
 Contents C: Not reported
 Mailing Address: Not reported
 Other Substance: Not reported
 Tank Construction Type: Not reported
 Tank Material: Not reported
 Interior Lining: Not reported
 Corrosion Protection: Not reported
 Spill Contamination Installed Date: Not reported
 Overfill Prevention Installed Date: Not reported
 Piping Type: Not reported
 Piping Aboveground: Not reported
 Piping Underground: Not reported
 Piping Construction: Not reported
 Piping Construction Aboveground: Not reported
 Piping Construction Underground: Not reported
 Piping Material: Not reported
 Piping Material Aboveground: Not reported
 Piping Material Underground: Not reported
 Pipe Leak Detection: Not reported
 Estimated Last Date Used: Not reported
 Estimated Quantity Remaining: Not reported
 Inert Filling: Not reported
 Jurisdiction: Not reported
 Other Tank System: Not reported
 Other Tank Material: Not reported
 Other Tank Leak Detection: Not reported
 Other Pipe Leak Detection: Not reported
 Methanol Compatible: Not reported

Case Number: Not reported
 Tank Capacity: Not reported
 Date Installed: Not reported
 Ust Number: 0
 Close Date: 5/26/94 0:00
 Dispenser: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

STANDARD BRANDS PAINT-#21 (Continued)

U003659349

UST TORRANCE:

Facility ID: 16940
Facility Status: Inactive

UST Alameda County:

Region : ALAMEDA
Facility Id : 1694
Total Tanks : 1
Contact Name : John Buschini
Permit Date : -0-
Storage Tank Addr : 1125 67th St
Bill Id : TB1082
Facility Owner : St Francis Ple Shop, Inc.
1125 - 67th St

Oakland, CA 94608
State Number : 301694
Underground Tank Fee : 159
Financial Responsibility : -0-
Facility Tele : 415-932-4916
Emergency Daytime Number : -0-
Emergency Night Number : 415-829-8526
Facility Status : C
State Id : -0-
System Entry : 01/19/1994
System Edit : -0-
Last Inspection : 05/18/1993
Bill Date : 8/19/88
Flag : -0-
Date Letter Sent : -0-
Inspector : BO
Letter History : NewRegs8/92;TBP12/93;
Permit History : 1 UST Permitted. Old state surch 11/18/88 for 1 UST

129
North
1/8-1/4
1278
Higher

MACBETH HARDWARE COMPANY
930 ASHBY AVE
BERKELEY, CA 94704

LUST S102432856
N/A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-0931
Reg Board: San Francisco Bay Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 01020
Case Type: Soil only
Status: Signed off, remedial action completed or deemed unnecessary
County: Alameda
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 10/17/95
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 10/17/95
Release Date: 10/07/87
Cleanup Fund Id: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MACBETH HARDWARE COMPANY (Continued)

S102432856

Discover Date : 10/07/1987
 Enforcement Dt : Not reported
 Enf Type: N
 Enter Date : 10/07/87
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : No
 Lat/Lon : 37.851222 / -122.289621
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case # : 01-0931
 Beneficial: Not reported
 Staff : CTH
 MTBE Date : Not reported
 MTBE Tested : NT
 Max MTBE GW : Not reported
 GW Qualifies : Not reported
 Max MTBE Soil : 0
 Soil Qualifies : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm :LIA
 Priority : Not reported
 Review Date : 10/17/95
 Stop Date : 10/07/1987
 Street Number : 930
 Work Suspended: N
 Responsible Party: Not reported
 Summary: ARCHIVED 6/6/96 CONTROL NO 120-082 SRC 0904732

LUST Region 2:

Region: 2
 Facility Id: 01-0931
 Entered Date: 10/07/1987
 Facility Status: Signed off, remedial action completed or deemed unnecessary
 Maximum Soil Concentration: 30
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

AD130 CLEARPRINT PAPER COMPANY, INC.
 WNW 1482-67TH STREET
 1/8-1/4 EMERYVILLE, CA 94608
 1278
 Lower Site 1 of 3 in cluster AD

CA FID UST 1000156038
 Cortese N/A
 HAZNET
 LUST
 UST

State LUST:

Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number 01-2083
 Reg Board: San Francisco Bay Region
 Chemical: Solvents
 Lead Agency: Local Agency
 Local Agency : 01000
 Case Type: Undefined

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CLEARPRINT PAPER COMPANY, INC. (Continued)

1000156038

Status: Leak being confirmed
County: Alameda
Review Date: 10/02/95
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: 10/09/94
Cleanup Fund Id: Not reported
Discover Date: 09/21/1994
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 06/27/95
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Other Means
How Stopped: Other Means
Interim: Not reported
Lat/Lon: 37.8487 / -122.2926
Leak Cause: Unknown
Leak Source: Tank
Local Case #: 320
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NRQ
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 10/02/95
Stop Date: 09/21/1994
Street Number: 1482
Work Suspended: N
Responsible Party: Not reported
Summary: Not reported

Confirm Leak: 06/27/95
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

LUST Region 2:

Region: 2
Facility Id: 01-2083
Entered Date: 06/27/1995
Facility Status: Leak being confirmed
Maximum Soil Concentration: Not reported
Maximum Groundwater Impact: Not reported
Current Benzene: Not reported
Current MTBE: Not reported
Maximum MTBE Groundwater: Not reported
MTBE Quali: Not reported

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		Database(s)	EDR ID Number EPA ID Number
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CLEARPRINT PAPER COMPANY, INC. (Continued)

1000156038

HAZNET:

Gepaid: CAD982018772	Tepaid: CAD004771168
Contact: CLEARPRINT PAPER COMPANY	Telephone: (510) 652-4762
Gen County: 38	Tsd County: San Francisco
Tons: 0	
Category: Disposal Method Recycler	
Mailing Address: 1482 67TH ST EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAD982018772	Tepaid: CAD004771168
Contact: CLEARPRINT PAPER COMPANY	Telephone: (510) 652-4762
Gen County: 38	Tsd County: San Francisco
Tons: 5	
Category: Other empty containers 30 gallons or more	
Disposal Method Disposal, Land Fill	
Mailing Address: 1482 67TH ST EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAD982018772	Tepaid: CAD004771168
Contact: CLEARPRINT PAPER COMPANY	Telephone: (510) 652-4762
Gen County: 38	Tsd County: San Francisco
Tons: 9.5	
Category: Other empty containers 30 gallons or more	
Disposal Method Recycler	
Mailing Address: 1482 67TH ST EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAD982018772	Tepaid: CAD009452657
Contact: CLEARPRINT PAPER COMPANY	Telephone: (510) 652-4762
Gen County: 41	Tsd County: San Mateo
Tons: 0.255	
Category: Disposal Method Recycler	
Mailing Address: 1482 67TH ST EMERYVILLE, CA 94608	
County: Not reported	
Gepaid: CAD982018772	Tepaid: CAD009452657
Contact: CLEARPRINT PAPER COMPANY	Telephone: (510) 652-4762
Gen County: 41	Tsd County: San Mateo
Tons: 0.5	
Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)	
Disposal Method Disposal, Other	
Mailing Address: 1482 67TH ST EMERYVILLE, CA 94608	
County: Not reported	

The CA HAZNET database contains 8 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:
Reg By: LTNKA
Reg Id: 01-2083
Region: CORTESE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CLEARPRINT PAPER COMPANY, INC. (Continued)

1000156038

FID:
 Facility ID: 01001826 Regulate ID: 00019666
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (415) 652-4762
 Mail To: Not reported
 1482 67TH ST
 EMERYVILLE, CA 94608
 Contact: Not reported Contact Tel: Not reported
 DUNs No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

State UST:
 Facility ID: 19666
 Tank Num: 1 Container Num: S1
 Tank Capacity: 8000 Year Installed: 1950
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported Tank Constrctn: 1/4 inches
 Leak Detection: None
 Contact Name: DUANE NORMAN Telephone: (415) 652-4762
 Total Tanks: 4 Region: STATE
 Facility Type: 2 Other Type: MANUFACTURING

Facility ID: 19666
 Tank Num: 2 Container Num: R1
 Tank Capacity: 900 Year Installed: 1950
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported Tank Constrctn: .25 inches
 Leak Detection: None
 Contact Name: DUANE NORMAN Telephone: (415) 652-4762
 Total Tanks: 4 Region: STATE
 Facility Type: 2 Other Type: MANUFACTURING

Facility ID: 19666
 Tank Num: 3 Container Num: S2
 Tank Capacity: 9450 Year Installed: 1979
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported Tank Constrctn: 0000020 unknown
 Leak Detection:
 Contact Name: DUANE NORMAN Telephone: (415) 652-4762
 Total Tanks: 4 Region: STATE
 Facility Type: 2 Other Type: MANUFACTURING

Facility ID: 19666
 Tank Num: 4 Container Num: R2
 Tank Capacity: 1000 Year Installed: 1979
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported Tank Constrctn: 3/16 inches
 Leak Detection:
 Contact Name: DUANE NORMAN Telephone: (415) 652-4762
 Total Tanks: 4 Region: STATE
 Facility Type: 2 Other Type: MANUFACTURING

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AD131 WNW 1/8-1/4 1278 Lower	CLEARPRINT PAPER CO., INC. 1482 67TH ST EMERYVILLE, CA 94608 Site 2 of 3 in cluster AD	HAZNET LUST UST	1001614398 N/A
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State LUST:

Cross Street: HOFF ST
 Qty Leaked: Not reported
 Case Number: 38-0181
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 38000
 Case Type: Soil only
 Status: Signed off, remedial action completed or deemed unnecessary
 County: San Francisco
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: 08/24/88
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Close Date: 8/3/95
 Release Date: 05/02/87
 Cleanup Fund Id: Not reported
 Discover Date: 08/18/1988
 Enforcement Dt: Not reported
 Enf Type: N
 Enter Date: 10/17/88
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: No
 Lat/Lon: 37.763593 / -122.41949
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case #: 10344
 Beneficial: Not reported
 Staff: VP
 MTBE Date: Not reported
 MTBE Tested: NT
 Max MTBE GW: Not reported
 GW Qualifies: Not reported
 Max MTBE Soil: 0
 Soil Qualifies: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: LOP
 Priority: Not reported
 Review Date: 08/24/98
 Stop Date: 08/18/1988
 Street Number: 3338
 Work Suspended: N
 Responsible Party: Not reported
 Summary: ARCHIVED 4/25/96 CONTROL NO 120-030 SRC 0904680

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CLEARPRINT PAPER CO., INC. (Continued)

1001614398

HAZNET:

Gepaid:	CAC001401688	Tepaid:	CAD982042475
Contact:	HOME LAUNDRY COMPANY	Telephone:	(000) 000-0000
Gen County:	San Francisco	Tsd County:	Solano
Tons:	5.8996		
Category:	Asbestos-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	2477 SHARON OAKS DR		
	MENLO PARK, CA 94025		
County:	Not reported		

UST San Francisco County:

Facility ID:	32	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Tank Owner:	Not reported	Date Installed:	Not reported
Manufacturer:	Not reported	Ust Number:	1
Contact Name:	Not reported	Close Date:	Not reported
Other Interior Lining:	Not reported	Dispenser:	Not reported
Received Date:	Not reported		
Certified Date:	Not reported		
Drop Tube:	Not reported		
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		
Estimated Quantity Remaining:	Not reported		
Inert Filing:	Not reported		
Jurisdiction:	Not reported		
Other Tank System:	Not reported		
Other Tank Material:	Not reported		
Other Tank Leak Detection:	Not reported		
Other Pipe Leak Detection:	Not reported		
Methanol Compatible:	Not reported		

UST Alameda County:

Region :	ALAMEDA
Facility Id :	320
Total Tanks :	4
Contact Name :	Duane Norman

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CLEARPRINT PAPER CO., INC. (Continued) 1001614398

Permit Date : -0-
 Storage Tank Addr : 1482 67th St
 Bill Id : T51031
 Facility Owner : C P G International
 1482 - 67th St.

 Emeryville, CA 94608
 State Number : 19666
 Underground Tank Fee : 397
 Financial Responsibility : -0-
 Facility Tele : 510- 652-4762
 Emergency Daytime Number : 510-482-0760
 Emergency Night Number : 707-746-6709
 Facility Status : C
 State Id : -0-
 System Entry : 05/26/1993
 System Edit : -0-
 Last Inspection : 08/04/1993
 Bill Date : 12/15/87
 Flag : -0-
 Date Letter Sent : -0-
 Inspector : BO
 Letter History : NewRegs8/92;TBRem12/93;
 Permit History : 4 UST Permitted. Old ipdate 05/23/93

132
 ENE
 1/8-1/4
 1297
 Higher

FORMER GAS STATION
 6623 SAN PABLO AVE
 OAKLAND, CA 94608

LUST S104291882
 N/A

LUST Alameda County:
 Region : ALAMEDA
 Facility Id : 6627
 Status : 4
 Facility Type : W
 Case Closed : -0-
 Date Case Closed : -0-
 Contact : Helen Loreto
 Contact Company : Mcdonald's Corp.
 Clean up Fund : -0-
 LOP Status : A
 Tank Removal : -0-
 SLIC : -0-
 Priority Code : -0-
 Inspector Initial : LS
 Leak Source : F
 Substance : Gasoline
 Date Reported : 11/12/98
 Date Confirmed : 11/9/98
 Multiple Responsible Parties : No
 Emergency Resp Date : -0-
 Research : S
 Date RP was Sent Notice : 12/4/98
 Preliminary Investigation : -0-
 Begin Date : -0-
 End Date : -0-
 Remedial Investigation : -0-
 RI Begin Date : -0-

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORMER GAS STATION (Continued)

S104291882

RI End Date : -0-
 Remediation Action : -0-
 Remediation Begin Date : -0-
 Remediation End Date : -0-
 Post Remedial Monitoring : -0-
 PRM Begin Date : -0-
 PRM End Date : -0-
 Enforcement Type : 1
 Enf Action Date : 12/4/98
 LUFT Category : -0-
 Excavation began : -0-
 Remedial Action Occured : -0-
 Contact Address : 2527 Camino Ramon, #300
 San Ramon, Ca 94583
 Contact Phone : -0-
 RP Cost : 0.00
 Comments : MTBE=40,000 ppb in a groundwater sample collected from MW-1A in 8/99
 Last Correspondence : 4/23/99
 Flag Date : -0-
 Location : -0-
 LOP Entry : 12/4/98
 LOP Edit : 05/12/2000
 LOP Flag : -0-

AE133
 WNW
 1/8-1/4
 1302
 Lower

FOLGER AVENUE PROPERTY
 722 FOLGER AVE
 BERKELEY, CA

Cortese S101306312
 LUST N/A

Site 1 of 2 in cluster AE

State LUST:

Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-0460
 Reg Board: San Francisco Bay Region
 Chemical: Diesel
 Lead Agency: Local Agency
 Local Agency: 01000
 Case Type: Other ground water affected
 Status: Pollution characterization
 County: Alameda
 Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
 Review Date: 09/01/92
 Workplan: Not reported
 Pollution Char: 9/2/92
 Remed Action: Not reported
 Close Date: Not reported
 Release Date: 08/11/92
 Cleanup Fund Id: Not reported
 Discover Date: 08/11/1992
 Enforcement Dt: Not reported
 Enf Type: N
 Enter Date: 08/14/92
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: Yes

Confirm Leak: 05/15/92
 Prelim Assess: Not reported
 Remed Plan: Not reported
 Monitoring: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

FOLGER AVENUE PROPERTY (Continued)

S101306312

Lat/Lon : 37.849957 / -122.291367
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case # : 01-0460
 Beneficial: Not reported
 Staff : CTH
 MTBE Date : Not reported
 MTBE Tested : NRQ
 Max MTBE GW :Not reported
 GW Qualifies : Not reported
 Max MTBE Soil :0
 Soil Qualifies : Not reported
 Hydr Basin # : Not reported
 Operator : Not reported
 Oversight Prgm :LOP
 Priority : Not reported
 Review Date : 09/01/92
 Stop Date : 08/11/1992
 Street Number : 722
 Work Suspended
 Responsible Party:Not reported
 Summary: PRLM ASSESMENT;

LUST Region 2:

Region: 2
 Facility Id: 01-0460
 Entered Date: 08/14/1992
 Facility Status: Pollution characterization
 Maximum Soil Concentration: 12000
 Maximum Groundwater Impact: 10000
 Current Benzene: ND
 Current MTBE : Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

CORTESE:

Reg By: LTNKA
 Reg Id: 01-0460
 Region: CORTESE

AE134 DIESEL FUEL TANK AREA FORMER
 WNW 722 FOLGER AVE
 1/8-1/4 EMERYVILLE, CA
 1302
 Lower Site 2 of 2 in cluster AE

CA SLIC S102859668
 N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DIESEL FUEL TANK AREA FORMER (Continued)

S102859668

SLIC Region 2:

Facility ID: 01S0489
 Region: 2
 Facility Status: Inactive
 Staff: DCL
 Last Site Update: 06/11/1997
 NPL Status: Not reported
 Case Type: Not reported
 Contamination: TEH 10,000
 Lead: Not reported
 Discovery Date: Not reported
 Sample Date: Not reported
 Contamination Level: Not reported
 Number of Municipal Wells Contaminated by Site: 0
 Number of Private Wells Contaminated by Site: 0
 Soil Removal Action Taken/Needed: Not reported
 Soil Removal or Contaminant Action Started: Not reported
 Soil Removal or Contaminant Action Completed: Not reported
 On-Site Groundwater Extraction or Containment is Needed: Not reported
 On-Site Groundwater Extraction or Containment Started: Not reported
 Off-Site Groundwater Extraction or Containment is Needed: Not reported
 Off-Site Groundwater Extraction or Containment Started: Not reported
 Length of Contamination Plume (Feet): 0
 Depth of Contamination Plume (Feet): 0
 Wells Closed Due To Contamination of Site: Not reported
 Date of Wells Closure: Not reported
 Nearest Public or Private Drinking Water Well (Feet): 0
 Under Jurisdiction of Lead Agency Date: Not reported
 Latitude/Longitude: 0 / 0
 Flow Rate: 0
 Flow Date: Not reported
 Percent of Contaminants Contained: 0
 Contaminant Type: Not reported
 EPA ID: Not reported
 Stages of Site Investigation Process Initiated:
 Begun Characterization : Not reported
 Completed Characterization : Not reported
 Begun Remediation: Not reported
 Completed Remediation: Not reported
 Submitted Remediation Plan: Not reported
 Approved Remediation Plan: Not reported
 Begun Final Remedial Action: Not reported
 Completed Final Remedial Action: Not reported
 Facility Desc: Not reported
 Comment: Not reported

135
 NNE
 1/8-1/4
 1312
 Higher

FOLGER MURPHY PROPERTY
 1020 MURRAY ST
 BERKELEY, CA 94704

LUST S101306319
 N/A

State LUST:

Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number: 01-0648
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency: 01020

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FOLGER MURPHY PROPERTY (Continued)

S101306319

Case Type: Soil only
 Status: Signed off, remedial action completed or deemed unnecessary
 County: Alameda
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: 01/11/95 Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported Monitoring: Not reported
 Close Date: 1/11/95
 Release Date: 10/03/88
 Cleanup Fund Id: Not reported
 Discover Date: 10/03/1988
 Enforcement Dt: Not reported
 Enf Type: N
 Enter Date: 10/03/88
 Funding: Federal Funds
 Staff Initials: Not reported
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim: No
 Lat/Lon: 37.851362 / -122.287667
 Leak Cause: Structure Failure
 Leak Source: Tank
 Local Case #: 01-0648
 Beneficial: Not reported
 Staff: CTH
 MTBE Date: Not reported
 MTBE Tested: NT
 Max MTBE GW: Not reported
 GW Qualifies: Not reported
 Max MTBE Soil: 0
 Soil Qualifies: Not reported
 Hydr Basin #: Not reported
 Operator: Not reported
 Oversight Prgm: LIA
 Priority: Not reported
 Review Date: 01/11/95
 Stop Date: 10/03/1988
 Street Number: 1020
 Work Suspended: N
 Responsible Party: Not reported
 Summary: ARCHIVED 6/8/96 CONTROL NO 120-079 SRC 0904729

LUST Region 2:

Region: 2
 Facility Id: 01-0648
 Entered Date: 10/03/1988
 Facility Status: Signed off, remedial action completed or deemed unnecessary
 Maximum Soil Concentration: 1500
 Maximum Groundwater Impact: Not reported
 Current Benzene: Not reported
 Current MTBE: Not reported
 Maximum MTBE Groundwater: Not reported
 MTBE Quali: Not reported

AB136 KRENZ INC
 NNW ASHBY AT 8TH STREET
 1/8-1/4 BERKELEY, CA 94710
 1311
 Higher Site 6 of 6 in cluster AB

Cal-Sites S102008199
 N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KRENZ INC (Continued)

S102008199

CAL-SITES:

Facility ID 01340101
 Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO OTHER AGENCY LEAD
 Status Date: 06/23/1994
 Lead: Not reported
 Region: 2 - BERKELEY
 Branch: NC - NORTH COAST
 File Name: Not reported
 Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Lead Agency: N/A
 NPL: Not reported
 SIC: 34 MANU - FABRICATED METAL PRODUCTS
 Facility Type: N/A
 Type Name: Not reported
 Staff Member Responsible for Site: RJONES1
 Supervisor Responsible for Site: Not reported
 Region Water Control Board: SF - SAN FRANCISCO BAY
 Access: Uncontrolled
 Cortese: U
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Unknown
 No. of Contamination Sources: 1
 Lat/Long: 0 0= 0.000 / 0 0= 0.000
 Lat/Long Method: Not reported
 State Assembly District Code: Not reported
 State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
 Please contact your EDR Account Executive for more information.

AD137
 West
 1/4-1/2
 1359
 Lower

COULTER STEEL & FORGE CO
 1494 67TH ST
 EMERYVILLE, CA 94608
 Site 3 of 3 in cluster AD

RCRIS-SQG 1000292592
 FINDS CAD009114265
 TRIS
 UST
 LUST
 HAZNET

RCRIS:

Owner: COULTER STEEL & FORGE CO
 (415) 555-1212
 Contact: ENVIRONMENTAL MANAGER
 (415) 653-2512
 Record Date: 09/01/1996
 Classification: Small Quantity Generator
 Used Oil RecycNo
 Violation StatusNo violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COULTER STEEL & FORGE CO (Continued)

1000292592

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-1415
Reg Board: San Francisco Bay Region
Chemical: Diesel
Lead Agency: Local Agency
Local Agency: 01000
Case Type: Undefined
Status: Signed off, remedial action completed or deemed unnecessary
County: Alameda
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Review Date: 08/07/96
Workplan: 12/19/91
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 5/16/96
Release Date: 12/27/91
Cleanup Fund Id: Not reported
Discover Date: 12/27/1991
Enforcement Dt: 04/06/1992
Enf Type: Warning/notice of violation to uncooperative responsible parties (includes CDO and CAO)
Enter Date: 06/17/93
Funding: Federal Funds
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Interim: Yes
Lat/Lon: 37.851096 / -122.27827
Leak Cause: Unknown
Leak Source: Tank
Local Case #: 1385
Beneficial: Not reported
Staff: CTH
MTBE Date: Not reported
MTBE Tested: NRQ
Max MTBE GW: Not reported
GW Qualifies: Not reported
Max MTBE Soil: 0
Soil Qualifies: Not reported
Hydr Basin #: Not reported
Operator: Not reported
Oversight Prgm: LOP
Priority: Not reported
Review Date: 08/07/96
Stop Date: 12/27/1991
Street Number: 1494
Work Suspended: N
Responsible Party: Not reported
Summary: ARCHIVED 11/1/96 CONTROL NO 120-105 SRC 0904755

LUST Region 2:

Region: 2

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
Database(s) EPA ID Number

COULTER STEEL & FORGE CO (Continued)

1000292592

Facility Id: 01-1415
Entered Date: 06/17/1993
Facility Status: Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration: Not reported
Maximum Groundwater Impact: Not reported
Current Benzene: Not reported
Current MTBE: Not reported
Maximum MTBE Groundwater: Not reported
MTBE Quali: Not reported

LUST Alameda County:

Region: ALAMEDA
Facility Id: 1385
Status: 9
Facility Type: S
Case Closed: Y
Date Case Closed: 5/16/96
Contact: Dante Sambajon
Contact Company: Coulter Steel & Forge Co.
Clean up Fund: 3/3/94
LOP Status: I
Tank Removal: -0-
SLIC: -0-
Priority Code: MOD/Impact-Invest/Pot.Soil TLV
Inspector Initial: CL
Leak Source: F
Substance: Diesel
Date Reported: 12/27/91
Date Confirmed: 12/27/91
Multiple Responsible Parties: No
Emergency Resp Date: -0-
Research: S
Date RP was Sent Notice: 4/6/92
Preliminary Investigation: C
Begin Date: 12/19/91
End Date: 5/12/92
Remedial Investigation: C
RI Begin Date: 11/26/91
RI End Date: 9/13/95
Remediation Action: C
Remediation Begin Date: 11/26/91
Remediation End Date: 9/13/95
Post Remedial Monitoring: -0-
PRM Begin Date: -0-
PRM End Date: -0-
Enforcement Type: 1
Enf Action Date: 4/6/92
LUFT Category: 2HSCAGW
Excavation began: 11/26/91
Remedial Action Occured: ED, ET
Contact Address: 1494 67th Street
Emeryville, California 94608
Contact Phone: -0-
RP Cost: 0.00
Comments: Pa
Last Correspondence: 5/16/96
Flag Date: -0-
Location: -0-

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COULTER STEEL & FORGE CO (Continued)

1000292592

LOP Entry : 4/9/92
 LOP Edit : 08/07/1996
 LOP Flag : -0-

HAZNET:

Gepaid:	CAD009114265	Tepaid:	CAD059494310
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	2.25		
Category:	Other organic solids		
Disposal Method:	Disposal, Other		
Mailing Address:	P O BOX 8008		
	EMERYVILLE, CA 94662		
County:	Not reported		

Gepaid:	CAD009114265	Tepaid:	CAD980887418
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	1	Tsd County:	1
Tons:	0.5212		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	P O BOX 8008		
	EMERYVILLE, CA 94662		
County:	Not reported		

Gepaid:	CAD009114265	Tepaid:	CAT000646117
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	16	Tsd County:	Kings
Tons:	0.8		
Category:	Unspecified oil-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	P O BOX 8008		
	EMERYVILLE, CA 94662		
County:	Not reported		

Gepaid:	CAD009114265	Tepaid:	CAL000161743
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	0.9174		
Category:	Unspecified oil-containing waste		
Disposal Method:	Transfer Station		
Mailing Address:	P O BOX 8008		
	EMERYVILLE, CA 94662		
County:	Not reported		

Gepaid:	CAD009114265	Tepaid:	CAL000161743
Contact:	Not reported	Telephone:	(000) 000-0000
Gen County:	43	Tsd County:	Santa Clara
Tons:	1.105		
Category:	Unspecified oil-containing waste		
Disposal Method:	Transfer Station		
Mailing Address:	P O BOX 8008		
	EMERYVILLE, CA 94662		
County:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COULTER STEEL & FORGE CO (Continued)

1000292592

State UST:

Facility ID:	16601	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	1000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 653-2512
Type of Fuel:	REGULAR	Region:	STATE
Leak Detection:	Visual	Other Type:	FORGING
Contact Name:	DANTE A SAMBAJON		
Total Tanks:	2		
Facility Type:	2		

Facility ID:	16601	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	10000	Tank Constrctn:	Not reported
Tank Used for:	Not Reported	Telephone:	(415) 653-2512
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	None	Other Type:	FORGING
Contact Name:	DANTE A SAMBAJON		
Total Tanks:	2		
Facility Type:	2		

UST San Francisco County:

Facility ID:	1385	Case Number:	Not reported
Tank ID:	Not reported	Tank Capacity:	Not reported
Tank Owner:	Not reported	Date Installed:	Not reported
Manufacturer:	Not reported	Ust Number:	0
Contact Name:	Not reported	Close Date:	8/3/93 0:00
Other Interior Lining:	Not reported	Dispencer:	Not reported
Received Date:	Not reported		
Certified Date:	2/1/94 0:00		
Drop Tube:	Not reported		
Striker Plate:	Not reported		
Contents A:	Not reported		
Contents B:	Not reported		
Contents C:	Not reported		
Mailing Address:	Not reported		
Other Substance:	Not reported		
Tank Construction Type:	Not reported		
Tank Material:	Not reported		
Interior Lining:	Not reported		
Corrosion Protection:	Not reported		
Spill Contamination Installed Date:	Not reported		
Overfill Prevention Installed Date:	Not reported		
Piping Type:	Not reported		
Piping Aboveground:	Not reported		
Piping Underground:	Not reported		
Piping Construction:	Not reported		
Piping Construction Aboveground:	Not reported		
Piping Construction Underground:	Not reported		
Piping Material:	Not reported		
Piping Material Aboveground:	Not reported		
Piping Material Underground:	Not reported		
Pipe Leak Detection:	Not reported		
Estimated Last Date Used:	Not reported		
Estimated Quantity Remaining:	Not reported		
Inert Filling:	Not reported		
Jurisdiction:	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

COULTER STEEL & FORGE CO (Continued)

1000292592

Other Tank System: Not reported
 Other Tank Material: Not reported
 Other Tank Leak Detection: Not reported
 Other Pipe Leak Detection: Not reported
 Methanol Compatible: Not reported

UST Alameda County:

Region : ALAMEDA
 Facility Id : 1385
 Total Tanks : 0
 Contact Name : Robert Thorpe
 Permit Date : -0-
 Storage Tank Addr : 1494 67th St
 Bill Id : TC1020
 Facility Owner : Coultter Steel & Forge Co.
 1494 - 67th St.

State Number : Emeryville, -0- 94608
 16601
 Underground Tank Fee : 0
 Financial Responsibility : -0-
 Facility Tele : -0-
 Emergency Daytime Number : -0-
 Emergency Night Number : -0-
 Facility Status : R
 State Id : -0-
 System Entry : 01/25/1994
 System Edit : -0-
 Last Inspection : 06/23/1993
 Bill Date : 12/15/87
 Flag : -0-
 Date Letter Sent : 12/1/93
 Inspector : BO
 Letter History : NewRegs8/92;
 Permit History : REMOVED 1 UST 1/12/94. 1 UST Permitted. Old st.surch 12/31/87 for 3 ust's. Forms :

AF138 UNION OIL CO, CALIF.
 NNW 901 ASHBY AVE
 1/4-1/2 BERKELEY, CA 94710
 1376
 Higher Site 1 of 2 in cluster AF

CA FID UST S101580158
 HAZNET N/A
 CA.SLIC

HAZNET:

Gepaid: CAD982059784 Tepaid: CAD009452657
 Contact: UNION OIL COMPANY OF CALIFORNIA Telephone: (714) 428-6560
 Gen County: 41 Tsd County: San Mateo
 Tons: 0.2668
 Category: Aqueous solution with 10% or more total organic residues
 Disposal Method: Recycler
 Mailing Address: PO BOX 25376
 SANTA ANA, CA 92799 - 5376
 County: Not reported

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D009	MERCURY
D011	SILVER
D022	CHLOROFORM
D038	PYRIDINE
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
P105	SODIUM AZIDE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 01/23/01
Date Made Active at EDR: 02/16/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 02/05/01

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: N/A

Date of Government Version: 01/23/01
Date Made Active at EDR: 02/16/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 02/05/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/16/00
Date Made Active at EDR: 08/16/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/05/00
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/29/00

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 04/16/00
Date Made Active at EDR: 08/16/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/05/00
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/29/00

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/00
Date Made Active at EDR: 08/01/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/12/00
Elapsed ASTM days: 50
Date of Last EDR Contact: 12/11/00

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 01/30/01

ERNS: Emergency Response Notification System

Source: EPA/NTIS
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 02/02/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS
Telephone: 703-416-0223

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

Date of Government Version: 09/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/05/01
Date of Next Scheduled EDR Contact: 05/07/01

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/07/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 01/23/01
Date of Next Scheduled EDR Contact: 04/23/01

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/23/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/01
Date of Next Scheduled EDR Contact: 04/02/01

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/20/01
Date of Next Scheduled EDR Contact: 05/21/01

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/01/00
Database Release Frequency: Annually

Date of Last EDR Contact: 02/12/01
Date of Next Scheduled EDR Contact: 05/14/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/11/00

Date of Next Scheduled EDR Contact: 03/12/01

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 12/27/00

Date of Next Scheduled EDR Contact: 03/26/01

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/12/00

Date of Next Scheduled EDR Contact: 03/12/01

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-260-7864

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/30/01

Date of Next Scheduled EDR Contact: 03/26/01

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/10/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/28/00

Date of Next Scheduled EDR Contact: 03/26/01

STATE OF CALIFORNIA ASTM STANDARD RECORDS

CAL-SITES (AWP): Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 03/10/00

Date Made Active at EDR: 05/10/00

Database Release Frequency: Annually

Date of Data Arrival at EDR: 04/10/00

Elapsed ASTM days: 30

Date of Last EDR Contact: 01/30/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CAL-SITES (ASPIS): Calsites Database

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/01/00
Date Made Active at EDR: 11/22/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00
Elapsed ASTM days: 23
Date of Last EDR Contact: 01/09/01

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services
Telephone: 916-464-3283

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94
Date Made Active at EDR: 04/24/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95
Elapsed ASTM days: 42
Date of Last EDR Contact: 11/27/00

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information
Telephone: 916-327-1848

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/98
Date Made Active at EDR: 09/23/98
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/26/98
Elapsed ASTM days: 28
Date of Last EDR Contact: 01/30/01

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board
Telephone: 916-657-0696

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/26/01

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/06/01

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/27/00
Date Made Active at EDR: 10/30/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/27/00
Elapsed ASTM days: 33
Date of Last EDR Contact: 12/20/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT:Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 12/13/00

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-445-6532

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/04/00
Date Made Active at EDR: 11/28/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/10/00
Elapsed ASTM days: 49
Date of Last EDR Contact: 01/11/01

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-227-4408

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/16/01

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-227-4382
Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/28/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/05/01
Date of Next Scheduled EDR Contact: 05/07/01

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 08/21/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/28/00
Date of Next Scheduled EDR Contact: 03/26/01

HAZNET: Hazardous Waste Information System
Source: California Environmental Protection Agency
Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 02/14/01
Date of Next Scheduled EDR Contact: 05/14/01

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/30/01
Date of Next Scheduled EDR Contact: 04/30/01

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/30/00
Date of Next Scheduled EDR Contact: 04/30/01

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/04/00
Date of Next Scheduled EDR Contact: 03/05/01

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/06/00
Date of Next Scheduled EDR Contact: 03/05/01

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 09/16/98
Database Release Frequency: Varies

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 02/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/19/01
Date of Next Scheduled EDR Contact: 05/21/01

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 10/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 12/28/00
Date of Next Scheduled EDR Contact: 02/26/01

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 02/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/19/01
Date of Next Scheduled EDR Contact: 05/21/01

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 08/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 08/31/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/19/01
Date of Next Scheduled EDR Contact: 05/21/01

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 06/02/00
Database Release Frequency: Annually

Date of Last EDR Contact: 02/19/01
Date of Next Scheduled EDR Contact: 05/21/01

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-744-2407

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/98
Database Release Frequency: N/A

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/08/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/05/01
Date of Next Scheduled EDR Contact: 05/07/01

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/23/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/01
Date of Next Scheduled EDR Contact: 04/02/01

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 08/30/00
Database Release Frequency: Annually

Date of Last EDR Contact: 01/02/01
Date of Next Scheduled EDR Contact: 04/02/01

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/21/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/00
Date of Next Scheduled EDR Contact: 03/12/01

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/29/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/00
Date of Next Scheduled EDR Contact: 03/12/01

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 01/19/99
Database Release Frequency: Annually

Date of Last EDR Contact: 12/11/00
Date of Next Scheduled EDR Contact: 03/12/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7335

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/10/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/28/00
Date of Next Scheduled EDR Contact: 03/26/01

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/05/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/23/01
Date of Next Scheduled EDR Contact: 04/23/01

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 12/05/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/23/01
Date of Next Scheduled EDR Contact: 04/23/01

SACRAMENTO COUNTY:

Toxsite List

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Date of Government Version: 11/29/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/06/01
Date of Next Scheduled EDR Contact: 05/07/01

Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/29/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/06/01
Date of Next Scheduled EDR Contact: 05/07/01

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 10/02/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/00
Date of Next Scheduled EDR Contact: 03/12/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 07/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 11/28/00
Date of Next Scheduled EDR Contact: 02/26/01

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 10/08/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/01
Date of Next Scheduled EDR Contact: 04/09/01

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/28/00
Date of Next Scheduled EDR Contact: 03/12/01

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 12/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/28/00
Date of Next Scheduled EDR Contact: 03/12/01

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 10/05/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/30/01
Date of Next Scheduled EDR Contact: 04/30/01

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/24/99
Database Release Frequency: Annually

Date of Last EDR Contact: 01/16/01
Date of Next Scheduled EDR Contact: 04/16/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-927-0710
Date of Government Version: 07/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/29/01
Date of Next Scheduled EDR Contact: 04/02/01

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659
Date of Government Version: 03/20/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/11/00
Date of Next Scheduled EDR Contact: 03/12/01

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770
Date of Government Version: 09/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770
Date of Government Version: 09/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-525-6565
Date of Government Version: 12/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/30/01
Date of Next Scheduled EDR Contact: 04/30/01

SUTTER COUNTY:

Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Date of Government Version: 07/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 11/27/00
Date of Next Scheduled EDR Contact: 02/26/01

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/26/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/19/00
Date of Next Scheduled EDR Contact: 03/19/01

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/21/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/16/01
Date of Next Scheduled EDR Contact: 04/16/01

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/22/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/18/99
Date of Next Scheduled EDR Contact: 03/19/01

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 07/07/00
Database Release Frequency: Annually

Date of Last EDR Contact: 01/23/01
Date of Next Scheduled EDR Contact: 04/23/01

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 08/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/27/00
Date of Next Scheduled EDR Contact: 02/26/01

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/15/01
Date of Next Scheduled EDR Contact: 04/16/00

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 11/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/19/01
Date of Next Scheduled EDR Contact: 05/21/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Date of Government Version: 11/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/01
Date of Next Scheduled EDR Contact: 04/02/01

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 10/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 10/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 10/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 10/23/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/01
Date of Next Scheduled EDR Contact: 04/02/01

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 11/22/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/15/01
Date of Next Scheduled EDR Contact: 05/14/01

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2952

Date of Government Version: 09/08/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/22/01
Date of Next Scheduled EDR Contact: 04/23/01

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/27/00
Date of Next Scheduled EDR Contact: 02/26/01

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/15/01
Date of Next Scheduled EDR Contact: 04/16/01

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/19/01
Date of Next Scheduled EDR Contact: 05/21/01

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/15/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/30/01
Date of Next Scheduled EDR Contact: 04/30/01

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/04/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/08/01
Date of Next Scheduled EDR Contact: 04/09/01

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 10/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/01
Date of Next Scheduled EDR Contact: 04/09/01

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 06/01/00
Database Release Frequency: Annually

Date of Last EDR Contact: 12/04/00
Date of Next Scheduled EDR Contact: 03/05/01

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the exact sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

APPENDIX E
SOIL AND GROUND WATER SAMPLING PROTOCOL
AND ANALYTICAL LABORATORY REPORTS

The subsurface investigation was performed using a limited access hydraulic coring rig. Twenty soil borings were drilled to depths of approximately 4 feet and 5 borings were drilled to depths of approximately 12 to 22 feet.

Soil samples for laboratory analysis were collected in acetate or brass liners, the ends covered in aluminum foil, taped, then labeled with a unique identification number, placed in an ice-chilled cooler, and transported to a state-certified analytical laboratory with chain of custody documentation.

Borings EB-1 through EB-5 were converted into "temporary" wells with the installation of 1-inch I.D. flush-threaded, Schedule 40 PVC casing. The casing in the lower portion of the well had 0.02-inch factory machined slots. Ground water grab samples were collected from the temporary wells with a Teflon bailer. Samples were collected in appropriate sample bottles, labeled, and immediately placed into an ice-chilled chest for delivery to a state-certified analytical laboratory for analysis.

All drilling and sampling equipment was cleaned in a solution of laboratory grade detergent and distilled water or steam-cleaned before use at each sampling point.

Lowney & Associates Oakland
129 Filbert Street
Oakland, Ca 94607

Attn.: Mr. Mark Arniola

Project: 1424-4
Liquid Sugar

Dear Mr. Arniola,

Attached is our report for your samples received on Tuesday April 17, 2001
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after June 1, 2001
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: vvancil@chromalab.com

Sincerely,



Vincent Vancil

Volatile Organic Compounds by 8260A

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB-1W	Water	04/16/2001 09:30	1
EB-2W	Water	04/16/2001 10:30	2
EB-4W	Water	04/16/2001 11:30	3

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-1W	Lab Sample ID: 2001-04-0364-001
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 09:30	Extracted: 04/20/2001 21:22
Matrix: Water	QC-Batch: 2001/04/20-01.39
Sample/Analysis Flag r l (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	500	ug/L	10.00	04/20/2001 21:22	
Benzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Bromodichloromethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Bromoform	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Bromomethane	ND	10	ug/L	10.00	04/20/2001 21:22	
Carbon tetrachloride	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Chlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Chloroethane	ND	10	ug/L	10.00	04/20/2001 21:22	
2-Butanone(MEK)	ND	500	ug/L	10.00	04/20/2001 21:22	
2-Chloroethylvinyl ether	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Chloroform	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Chloromethane	ND	10	ug/L	10.00	04/20/2001 21:22	
Dibromochloromethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,2-Dichlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,3-Dichlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,4-Dichlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,2-Dibromo-3-chloropropane	ND	50	ug/L	10.00	04/20/2001 21:22	
1,2-Dibromoethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Dibromomethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Dichlorodifluoromethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,1-Dichloroethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,2-Dichloroethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,1-Dichloroethene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
cis-1,2-Dichloroethene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
trans-1,2-Dichloroethene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,2-Dichloropropane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
cis-1,3-Dichloropropene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
trans-1,3-Dichloropropene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Ethylbenzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
2-Hexanone	ND	500	ug/L	10.00	04/20/2001 21:22	
Methylene chloride	ND	50	ug/L	10.00	04/20/2001 21:22	
4-Methyl-2-pentanone (MIBK)	ND	500	ug/L	10.00	04/20/2001 21:22	
Naphthalene	ND	10	ug/L	10.00	04/20/2001 21:22	
Styrene	ND	5.0	ug/L	10.00	04/20/2001 21:22	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-1W	Lab Sample ID: 2001-04-0364-001
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 09:30	Extracted: 04/20/2001 21:22
Matrix: Water	QC-Batch: 2001/04/20-01.39
Sample/Analysis Flag r1 (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Tetrachloroethene	11	5.0	ug/L	10.00	04/20/2001 21:22	
Toluene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,1,1-Trichloroethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,1,2-Trichloroethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Trichloroethene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Vinyl acetate	ND	50	ug/L	10.00	04/20/2001 21:22	
Vinyl chloride	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Total xylenes	ND	10	ug/L	10.00	04/20/2001 21:22	
Trichlorotrifluoroethane	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Carbon disulfide	ND	10	ug/L	10.00	04/20/2001 21:22	
Isopropylbenzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Bromobenzene	ND	5.0	ug/L	10.00	04/20/2001 21:22	
Bromochloromethane	ND	10	ug/L	10.00	04/20/2001 21:22	
Trichlorofluoromethane	ND	20	ug/L	10.00	04/20/2001 21:22	
MTBE	ND	50	ug/L	10.00	04/20/2001 21:22	
Surrogate(s)						
4-Bromofluorobenzene	94.5	86-115	%	10.00	04/20/2001 21:22	
1,2-Dichloroethane-d4	101.1	76-114	%	10.00	04/20/2001 21:22	
Toluene-d8	95.3	88-110	%	10.00	04/20/2001 21:22	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-2W	Lab Sample ID: 2001-04-0364-002
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 10:30	Extracted: 04/20/2001 20:58
Matrix: Water	QC-Batch: 2001/04/20-01.39
Sample/Analysis Flag o (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	500	ug/L	10.00	04/20/2001 20:58	
Benzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Bromodichloromethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Bromoform	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Bromomethane	ND	10	ug/L	10.00	04/20/2001 20:58	
Carbon tetrachloride	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Chlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Chloroethane	ND	10	ug/L	10.00	04/20/2001 20:58	
2-Butanone(MEK)	ND	500	ug/L	10.00	04/20/2001 20:58	
2-Chloroethylvinyl ether	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Chloroform	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Chloromethane	ND	10	ug/L	10.00	04/20/2001 20:58	
Dibromochloromethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,2-Dichlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,3-Dichlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,4-Dichlorobenzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,2-Dibromo-3-chloropropane	ND	50	ug/L	10.00	04/20/2001 20:58	
1,2-Dibromoethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Dibromomethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Dichlorodifluoromethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,1-Dichloroethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,2-Dichloroethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,1-Dichloroethene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
cis-1,2-Dichloroethene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
trans-1,2-Dichloroethene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,2-Dichloropropane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
cis-1,3-Dichloropropene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
trans-1,3-Dichloropropene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Ethylbenzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
2-Hexanone	ND	500	ug/L	10.00	04/20/2001 20:58	
Methylene chloride	ND	50	ug/L	10.00	04/20/2001 20:58	
4-Methyl-2-pentanone (MIBK)	ND	500	ug/L	10.00	04/20/2001 20:58	
Naphthalene	ND	10	ug/L	10.00	04/20/2001 20:58	
Styrene	ND	5.0	ug/L	10.00	04/20/2001 20:58	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-2W	Lab Sample ID: 2001-04-0364-002
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 10:30	Extracted: 04/20/2001 20:58
Matrix: Water	QC-Batch: 2001/04/20-01.39
Sample/Analysis Flag o (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Tetrachloroethene	150	5.0	ug/L	10.00	04/20/2001 20:58	
Toluene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,1,1-Trichloroethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,1,2-Trichloroethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Trichloroethene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Vinyl acetate	ND	50	ug/L	10.00	04/20/2001 20:58	
Vinyl chloride	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Total xylenes	ND	10	ug/L	10.00	04/20/2001 20:58	
Trichlorotrifluoroethane	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Carbon disulfide	ND	10	ug/L	10.00	04/20/2001 20:58	
Isopropylbenzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Bromobenzene	ND	5.0	ug/L	10.00	04/20/2001 20:58	
Bromochloromethane	ND	10	ug/L	10.00	04/20/2001 20:58	
Trichlorofluoromethane	ND	20	ug/L	10.00	04/20/2001 20:58	
MTBE	ND	50	ug/L	10.00	04/20/2001 20:58	
Surrogate(s)						
4-Bromofluorobenzene	95.5	86-115	%	10.00	04/20/2001 20:58	
1,2-Dichloroethane-d4	106.4	76-114	%	10.00	04/20/2001 20:58	
Toluene-d8	98.2	88-110	%	10.00	04/20/2001 20:58	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-4W	Lab Sample ID: 2001-04-0364-003
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 11:30	Extracted: 04/20/2001 20:34
Matrix: Water	QC-Batch: 2001/04/20-01.39
Sample/Analysis Flag o (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	200	ug/L	4.00	04/20/2001 20:34	
Benzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Bromodichloromethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Bromoform	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Bromomethane	ND	4.0	ug/L	4.00	04/20/2001 20:34	
Carbon tetrachloride	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Chlorobenzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Chloroethane	ND	4.0	ug/L	4.00	04/20/2001 20:34	
2-Butanone(MEK)	ND	200	ug/L	4.00	04/20/2001 20:34	
2-Chloroethylvinyl ether	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Chloroform	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Chloromethane	ND	4.0	ug/L	4.00	04/20/2001 20:34	
Dibromochloromethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,2-Dichlorobenzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,3-Dichlorobenzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,4-Dichlorobenzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,2-Dibromo-3-chloropropane	ND	20	ug/L	4.00	04/20/2001 20:34	
1,2-Dibromoethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Dibromomethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Dichlorodifluoromethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,1-Dichloroethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,2-Dichloroethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,1-Dichloroethene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
cis-1,2-Dichloroethene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
trans-1,2-Dichloroethene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,2-Dichloropropane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
cis-1,3-Dichloropropene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
trans-1,3-Dichloropropene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Ethylbenzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
2-Hexanone	ND	200	ug/L	4.00	04/20/2001 20:34	
Methylene chloride	ND	20	ug/L	4.00	04/20/2001 20:34	
4-Methyl-2-pentanone (MIBK)	ND	200	ug/L	4.00	04/20/2001 20:34	
Naphthalene	ND	4.0	ug/L	4.00	04/20/2001 20:34	
Styrene	ND	2.0	ug/L	4.00	04/20/2001 20:34	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-4W	Lab Sample ID: 2001-04-0364-003
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 11:30	Extracted: 04/20/2001 20:34
Matrix: Water	QC-Batch: 2001/04/20-01.39
Sample/Analysis Flag o (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Tetrachloroethene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Toluene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,1,1-Trichloroethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,1,2-Trichloroethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Trichloroethene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Vinyl acetate	ND	20	ug/L	4.00	04/20/2001 20:34	
Vinyl chloride	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Total xylenes	ND	4.0	ug/L	4.00	04/20/2001 20:34	
Trichlorotrifluoroethane	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Carbon disulfide	ND	4.0	ug/L	4.00	04/20/2001 20:34	
Isopropylbenzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Bromobenzene	ND	2.0	ug/L	4.00	04/20/2001 20:34	
Bromochloromethane	ND	4.0	ug/L	4.00	04/20/2001 20:34	
Trichlorofluoromethane	ND	8.0	ug/L	4.00	04/20/2001 20:34	
MTBE	83	20	ug/L	4.00	04/20/2001 20:34	
Surrogate(s)						
4-Bromofluorobenzene	87.6	86-115	%	4.00	04/20/2001 20:34	
1,2-Dichloroethane-d4	98.1	76-114	%	4.00	04/20/2001 20:34	
Toluene-d8	91.8	88-110	%	4.00	04/20/2001 20:34	

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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Water	QC Batch # 2001/04/20-01.39
MB: 2001/04/20-01.39-006		Date Extracted: 04/20/2001 12:52

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/L	04/20/2001 12:52	
Benzene	ND	0.5	ug/L	04/20/2001 12:52	
Bromodichloromethane	ND	0.5	ug/L	04/20/2001 12:52	
Bromoform	ND	0.5	ug/L	04/20/2001 12:52	
Bromomethane	ND	1.0	ug/L	04/20/2001 12:52	
Carbon tetrachloride	ND	0.5	ug/L	04/20/2001 12:52	
Chlorobenzene	ND	0.5	ug/L	04/20/2001 12:52	
Chloroethane	ND	1.0	ug/L	04/20/2001 12:52	
2-Butanone(MEK)	ND	50	ug/L	04/20/2001 12:52	
2-Chloroethylvinyl ether	ND	0.5	ug/L	04/20/2001 12:52	
Chloroform	ND	0.5	ug/L	04/20/2001 12:52	
Chloromethane	ND	1.0	ug/L	04/20/2001 12:52	
Dibromochloromethane	ND	0.5	ug/L	04/20/2001 12:52	
1,2-Dichlorobenzene	ND	0.5	ug/L	04/20/2001 12:52	
1,3-Dichlorobenzene	ND	0.5	ug/L	04/20/2001 12:52	
1,4-Dichlorobenzene	ND	0.5	ug/L	04/20/2001 12:52	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	04/20/2001 12:52	
1,2-Dibromoethane	ND	0.5	ug/L	04/20/2001 12:52	
Dibromomethane	ND	0.5	ug/L	04/20/2001 12:52	
Dichlorodifluoromethane	ND	0.5	ug/L	04/20/2001 12:52	
1,1-Dichloroethane	ND	0.5	ug/L	04/20/2001 12:52	
1,2-Dichloroethane	ND	0.5	ug/L	04/20/2001 12:52	
1,1-Dichloroethene	ND	0.5	ug/L	04/20/2001 12:52	
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/20/2001 12:52	
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/20/2001 12:52	
1,2-Dichloropropane	ND	0.5	ug/L	04/20/2001 12:52	
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/20/2001 12:52	
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/20/2001 12:52	
Ethylbenzene	ND	0.5	ug/L	04/20/2001 12:52	
2-Hexanone	ND	50	ug/L	04/20/2001 12:52	
Methylene chloride	ND	5.0	ug/L	04/20/2001 12:52	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	04/20/2001 12:52	
Naphthalene	ND	1.0	ug/L	04/20/2001 12:52	
Styrene	ND	0.5	ug/L	04/20/2001 12:52	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/20/2001 12:52	
Tetrachloroethene	ND	0.5	ug/L	04/20/2001 12:52	
Toluene	ND	0.5	ug/L	04/20/2001 12:52	
1,1,1-Trichloroethane	ND	0.5	ug/L	04/20/2001 12:52	
1,1,2-Trichloroethane	ND	0.5	ug/L	04/20/2001 12:52	
Trichloroethene	ND	0.5	ug/L	04/20/2001 12:52	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	04/20/2001 12:52	
Vinyl acetate	ND	5.0	ug/L	04/20/2001 12:52	
Vinyl chloride	ND	0.5	ug/L	04/20/2001 12:52	

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Water	QC Batch # 2001/04/20-01.39
MB: 2001/04/20-01.39-006		Date Extracted: 04/20/2001 12:52

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Total xylenes	ND	1.0	ug/L	04/20/2001 12:52	
Trichlorotrifluoroethane	ND	0.5	ug/L	04/20/2001 12:52	
Carbon disulfide	ND	1.0	ug/L	04/20/2001 12:52	
Isopropylbenzene	ND	0.5	ug/L	04/20/2001 12:52	
Bromobenzene	ND	0.5	ug/L	04/20/2001 12:52	
Bromochloromethane	ND	1.0	ug/L	04/20/2001 12:52	
Trichlorofluoromethane	ND	2.0	ug/L	04/20/2001 12:52	
MTBE	ND	5.0	ug/L	04/20/2001 12:52	
Surrogate(s)					
4-Bromofluorobenzene	92.4	86-115	%	04/20/2001 12:52	
1,2-Dichloroethane-d4	98.0	76-114	%	04/20/2001 12:52	
Toluene-d8	91.8	88-110	%	04/20/2001 12:52	

To: **Lowney & Associates Oakland**
 Attn: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2001/04/20-01.39	
LCS:	2001/04/20-01.39-004	Extracted:	04/20/2001 12:02	Analyzed	04/20/2001 12:02
LCSD:	2001/04/20-01.39-005	Extracted:	04/20/2001 12:27	Analyzed	04/20/2001 12:27

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		[%]	Recovery	RPD	LCS
Benzene	43.1	44.8	50.0	50.0	86.2	89.6	3.9	69-129	20		
Chlorobenzene	43.0	46.9	50.0	50.0	86.0	93.8	8.7	61-121	20		
1,1-Dichloroethene	35.1	37.7	50.0	50.0	70.2	75.4	7.1	65-125	20		
Toluene	40.9	45.3	50.0	50.0	81.8	90.6	10.2	70-130	20		
Trichloroethene	39.7	45.2	50.0	50.0	79.4	90.4	13.0	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	469	436	500	500	93.8	87.2		86-115			
1,2-Dichloroethane-d4	509	518	500	500	101.8	103.6		76-114			
Toluene-d8	503	506	500	500	100.6	101.2		88-110			

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Legend & Notes

Volatile Organic Compounds by 8260A

Analysis Flags

- o Reporting limits were raised due to high level of analyte present in the sample.
- ri Reporting limits raised due to reduced sample size.

Volatile Organic Compounds by 8260A

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-1 @ 1-1.5	Soil	04/16/2001 13:00	4
SS-4 @ 0-0.5	Soil	04/16/2001 13:00	7
SS-4 @ 2.5-3	Soil	04/16/2001 13:00	8
SS-5 @ 2.5-3	Soil	04/16/2001 14:00	10
SS-9 @ 3.5-4	Soil	04/16/2001 15:00	15

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-1 @ 1-1.5	Lab Sample ID: 2001-04-0364-004
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 15:21
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/20/2001 15:21	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Bromoform	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Bromomethane	ND	10	ug/Kg	1.00	04/20/2001 15:21	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Chloroethane	ND	10	ug/Kg	1.00	04/20/2001 15:21	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/20/2001 15:21	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/20/2001 15:21	
Chloroform	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Chloromethane	ND	10	ug/Kg	1.00	04/20/2001 15:21	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/20/2001 15:21	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/20/2001 15:21	
Dibromomethane	ND	10	ug/Kg	1.00	04/20/2001 15:21	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/20/2001 15:21	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
2-Hexanone	ND	50	ug/Kg	1.00	04/20/2001 15:21	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/20/2001 15:21	
Naphthalene	ND	10	ug/Kg	1.00	04/20/2001 15:21	
Styrene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-1 @ 1-1.5	Lab Sample ID: 2001-04-0364-004
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 15:21
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Vinyl acetate	ND	50	ug/Kg	1.00	04/20/2001 15:21	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Total xylenes	ND	10	ug/Kg	1.00	04/20/2001 15:21	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Bromochloromethane	ND	20	ug/Kg	1.00	04/20/2001 15:21	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
MTBE	ND	5.0	ug/Kg	1.00	04/20/2001 15:21	
Surrogate(s)						
4-Bromofluorobenzene	87.3	74-121	%	1.00	04/20/2001 15:21	
1,2-Dichloroethane-d4	110.4	70-121	%	1.00	04/20/2001 15:21	
Toluene-d8	108.4	81-117	%	1.00	04/20/2001 15:21	

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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 15:47
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/20/2001 15:47	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Bromoform	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Bromomethane	ND	10	ug/Kg	1.00	04/20/2001 15:47	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Chloroethane	ND	10	ug/Kg	1.00	04/20/2001 15:47	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/20/2001 15:47	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/20/2001 15:47	
Chloroform	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Chloromethane	ND	10	ug/Kg	1.00	04/20/2001 15:47	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/20/2001 15:47	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/20/2001 15:47	
Dibromomethane	ND	10	ug/Kg	1.00	04/20/2001 15:47	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/20/2001 15:47	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
2-Hexanone	ND	50	ug/Kg	1.00	04/20/2001 15:47	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/20/2001 15:47	
Naphthalene	ND	10	ug/Kg	1.00	04/20/2001 15:47	
Styrene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	

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To: **Lowney & Associates Oakland**
Attn.: Mark Amiola

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 15:47
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Vinyl acetate	ND	50	ug/Kg	1.00	04/20/2001 15:47	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Total xylenes	ND	10	ug/Kg	1.00	04/20/2001 15:47	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Bromochloromethane	ND	20	ug/Kg	1.00	04/20/2001 15:47	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
MTBE	ND	5.0	ug/Kg	1.00	04/20/2001 15:47	
Surrogate(s)						
4-Bromofluorobenzene	87.8	74-121	%	1.00	04/20/2001 15:47	
1,2-Dichloroethane-d4	113.1	70-121	%	1.00	04/20/2001 15:47	
Toluene-d8	107.9	81-117	%	1.00	04/20/2001 15:47	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 16:13
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	240	ug/Kg	4.70	04/20/2001 16:13	
Benzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Bromodichloromethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Bromoform	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Bromomethane	ND	47	ug/Kg	4.70	04/20/2001 16:13	
Carbon tetrachloride	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Chlorobenzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Chloroethane	ND	47	ug/Kg	4.70	04/20/2001 16:13	
2-Butanone(MEK)	ND	240	ug/Kg	4.70	04/20/2001 16:13	
2-Chloroethylvinyl ether	ND	240	ug/Kg	4.70	04/20/2001 16:13	
Chloroform	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Chloromethane	ND	47	ug/Kg	4.70	04/20/2001 16:13	
Dibromochloromethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,2-Dichlorobenzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,3-Dichlorobenzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,4-Dichlorobenzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,2-Dibromo-3-chloropropane	ND	240	ug/Kg	4.70	04/20/2001 16:13	
1,2-Dibromoethane	ND	47	ug/Kg	4.70	04/20/2001 16:13	
Dibromomethane	ND	47	ug/Kg	4.70	04/20/2001 16:13	
Dichlorodifluoromethane	ND	47	ug/Kg	4.70	04/20/2001 16:13	
1,1-Dichloroethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,2-Dichloroethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,1-Dichloroethene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
cis-1,2-Dichloroethene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
trans-1,2-Dichloroethene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,2-Dichloropropane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
cis-1,3-Dichloropropene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
trans-1,3-Dichloropropene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Ethylbenzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
2-Hexanone	ND	240	ug/Kg	4.70	04/20/2001 16:13	
Methylene chloride	ND	24	ug/Kg	4.70	04/20/2001 16:13	
4-Methyl-2-pentanone (MIBK)	ND	240	ug/Kg	4.70	04/20/2001 16:13	
Naphthalene	ND	47	ug/Kg	4.70	04/20/2001 16:13	
Styrene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,1,2,2-Tetrachloroethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Tetrachloroethene	ND	24	ug/Kg	4.70	04/20/2001 16:13	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 16:13
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,1,1-Trichloroethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,1,2-Trichloroethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Trichloroethene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
1,1,1,2-Tetrachloroethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Vinyl acetate	ND	240	ug/Kg	4.70	04/20/2001 16:13	
Vinyl chloride	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Total xylenes	ND	47	ug/Kg	4.70	04/20/2001 16:13	
Trichlorotrifluoroethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Carbon disulfide	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Isopropylbenzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Bromobenzene	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Bromochloromethane	ND	94	ug/Kg	4.70	04/20/2001 16:13	
Trichlorofluoromethane	ND	24	ug/Kg	4.70	04/20/2001 16:13	
MTBE	ND	24	ug/Kg	4.70	04/20/2001 16:13	
Surrogate(s)						
4-Bromofluorobenzene	95.7	74-121	%	4.70	04/20/2001 16:13	
1,2-Dichloroethane-d4	115.8	70-121	%	4.70	04/20/2001 16:13	
Toluene-d8	108.0	81-117	%	4.70	04/20/2001 16:13	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/20/2001 17:04
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/20/2001 17:04	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Bromoform	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Bromomethane	ND	10	ug/Kg	1.00	04/20/2001 17:04	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Chloroethane	ND	10	ug/Kg	1.00	04/20/2001 17:04	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/20/2001 17:04	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/20/2001 17:04	
Chloroform	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Chloromethane	ND	10	ug/Kg	1.00	04/20/2001 17:04	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/20/2001 17:04	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/20/2001 17:04	
Dibromomethane	ND	10	ug/Kg	1.00	04/20/2001 17:04	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/20/2001 17:04	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
2-Hexanone	ND	50	ug/Kg	1.00	04/20/2001 17:04	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/20/2001 17:04	
Naphthalene	ND	10	ug/Kg	1.00	04/20/2001 17:04	
Styrene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/20/2001 17:04
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Vinyl acetate	ND	50	ug/Kg	1.00	04/20/2001 17:04	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Total xylenes	ND	10	ug/Kg	1.00	04/20/2001 17:04	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Bromochloromethane	ND	20	ug/Kg	1.00	04/20/2001 17:04	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
MTBE	ND	5.0	ug/Kg	1.00	04/20/2001 17:04	
Surrogate(s)						
4-Bromofluorobenzene	87.0	74-121	%	1.00	04/20/2001 17:04	
1,2-Dichloroethane-d4	103.8	70-121	%	1.00	04/20/2001 17:04	
Toluene-d8	114.3	81-117	%	1.00	04/20/2001 17:04	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-9 @ 3.5-4	Lab Sample ID: 2001-04-0364-015
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/20/2001 17:30
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/20/2001 17:30	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Bromoform	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Bromomethane	ND	10	ug/Kg	1.00	04/20/2001 17:30	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Chloroethane	ND	10	ug/Kg	1.00	04/20/2001 17:30	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/20/2001 17:30	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/20/2001 17:30	
Chloroform	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Chloromethane	ND	10	ug/Kg	1.00	04/20/2001 17:30	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/20/2001 17:30	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/20/2001 17:30	
Dibromomethane	ND	10	ug/Kg	1.00	04/20/2001 17:30	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/20/2001 17:30	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
2-Hexanone	ND	50	ug/Kg	1.00	04/20/2001 17:30	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/20/2001 17:30	
Naphthalene	ND	10	ug/Kg	1.00	04/20/2001 17:30	
Styrene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-9 @ 3.5-4	Lab Sample ID: 2001-04-0364-015
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/20/2001 17:30
Matrix: Soil	QC-Batch: 2001/04/20-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Vinyl acetate	ND	50	ug/Kg	1.00	04/20/2001 17:30	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Total xylenes	ND	10	ug/Kg	1.00	04/20/2001 17:30	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Bromochloromethane	ND	20	ug/Kg	1.00	04/20/2001 17:30	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
MTBE	ND	5.0	ug/Kg	1.00	04/20/2001 17:30	
Surrogate(s)						
4-Bromofluorobenzene	86.0	74-121	%	1.00	04/20/2001 17:30	
1,2-Dichloroethane-d4	109.4	70-121	%	1.00	04/20/2001 17:30	
Toluene-d8	109.3	81-117	%	1.00	04/20/2001 17:30	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/20-01.09
MB: 2001/04/20-01.09-005		Date Extracted: 04/20/2001 11:48

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	04/20/2001 11:48	
Benzene	ND	5.0	ug/Kg	04/20/2001 11:48	
Bromodichloromethane	ND	5.0	ug/Kg	04/20/2001 11:48	
Bromoform	ND	5.0	ug/Kg	04/20/2001 11:48	
Bromomethane	ND	10.0	ug/Kg	04/20/2001 11:48	
Carbon tetrachloride	ND	5.0	ug/Kg	04/20/2001 11:48	
Chlorobenzene	ND	5.0	ug/Kg	04/20/2001 11:48	
Chloroethane	ND	10	ug/Kg	04/20/2001 11:48	
2-Butanone(MEK)	ND	50	ug/Kg	04/20/2001 11:48	
2-Chloroethylvinyl ether	ND	50	ug/Kg	04/20/2001 11:48	
Chloroform	ND	5.0	ug/Kg	04/20/2001 11:48	
Chloromethane	ND	10	ug/Kg	04/20/2001 11:48	
Dibromochloromethane	ND	5.0	ug/Kg	04/20/2001 11:48	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/20/2001 11:48	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/20/2001 11:48	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/20/2001 11:48	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/20/2001 11:48	
1,2-Dibromoethane	ND	10	ug/Kg	04/20/2001 11:48	
Dibromomethane	ND	10	ug/Kg	04/20/2001 11:48	
Dichlorodifluoromethane	ND	10	ug/Kg	04/20/2001 11:48	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/20/2001 11:48	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/20/2001 11:48	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/20/2001 11:48	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/20/2001 11:48	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/20/2001 11:48	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/20/2001 11:48	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/20/2001 11:48	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/20/2001 11:48	
Ethylbenzene	ND	5.0	ug/Kg	04/20/2001 11:48	
2-Hexanone	ND	50	ug/Kg	04/20/2001 11:48	
Methylene chloride	ND	5.0	ug/Kg	04/20/2001 11:48	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/20/2001 11:48	
Naphthalene	ND	10	ug/Kg	04/20/2001 11:48	
Styrene	ND	5.0	ug/Kg	04/20/2001 11:48	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/20/2001 11:48	
Tetrachloroethene	ND	5.0	ug/Kg	04/20/2001 11:48	
Toluene	ND	5.0	ug/Kg	04/20/2001 11:48	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/20/2001 11:48	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/20/2001 11:48	
Trichloroethene	ND	5.0	ug/Kg	04/20/2001 11:48	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/20/2001 11:48	
Vinyl acetate	ND	50	ug/Kg	04/20/2001 11:48	
Vinyl chloride	ND	5.0	ug/Kg	04/20/2001 11:48	

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/20-01.09
MB: 2001/04/20-01.09-005		Date Extracted: 04/20/2001 11:48

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Total xylenes	ND	10	ug/Kg	04/20/2001 11:48	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/20/2001 11:48	
Carbon disulfide	ND	5.0	ug/Kg	04/20/2001 11:48	
Isopropylbenzene	ND	5.0	ug/Kg	04/20/2001 11:48	
Bromobenzene	ND	5.0	ug/Kg	04/20/2001 11:48	
Bromochloromethane	ND	20	ug/Kg	04/20/2001 11:48	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/20/2001 11:48	
MTBE	ND	5.0	ug/Kg	04/20/2001 11:48	
Surrogate(s)					
4-Bromofluorobenzene	86.4	74-121	%	04/20/2001 11:48	
1,2-Dichloroethane-d4	96.4	70-121	%	04/20/2001 11:48	
Toluene-d8	106.0	81-117	%	04/20/2001 11:48	

To: **Lowney & Associates Oakland**
 Attn: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/20-01.09	
LCS:	2001/04/20-01.09-003	Extracted:	04/20/2001 10:48	Analyzed	04/20/2001 10:48
LCSD:	2001/04/20-01.09-004	Extracted:	04/20/2001 11:22	Analyzed	04/20/2001 11:22

Compound	Conc. [ug/Kg]		Exp.Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	91.5	94.2	100.0	100.0	91.5	94.2	2.9	69-129	20		
Chlorobenzene	84.2	84.8	100.0	100.0	84.2	84.8	0.7	61-121	20		
1,1-Dichloroethene	75.0	67.7	100.0	100.0	75.0	67.7	10.2	65-125	20		
Toluene	85.5	92.8	100.0	100.0	85.5	92.8	8.2	70-130	20		
Trichloroethene	91.8	96.5	100.0	100.0	91.8	96.5	5.0	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	489	496	500	500	97.8	99.2		74-121			
1,2-Dichloroethane-d4	446	464	500	500	89.2	92.8		70-121			
Toluene-d8	470	487	500	500	94.0	97.4		81-117			

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/04/20-01.09
Sample ID: SS-9 @ 3.5-4		Lab Sample ID: 2001-04-0364-015
MS: 2001/04/20-01.09-015 Extracted: 04/20/2001 17:56 Analyzed: 04/20/2001 17:56 Dilution: 1.0 MSD: 2001/04/20-01.09-016 Extracted: 04/20/2001 18:22 Analyzed: 04/20/2001 18:22 Dilution: 1.0		

Compound	Conc. [ug/Kg]			Exp.Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Benzene	100	111	ND	99.0	98.8	101.0	112.3	10.6	69-129	20		
Chlorobenzene	84.1	94.6	ND	99.0	98.8	84.9	95.7	12.0	61-121	20		
1,1-Dichloroethene	81.7	92.6	ND	99.0	98.8	82.5	93.7	12.7	65-125	20		
Toluene	93.7	104	ND	99.0	98.8	94.6	105.3	10.7	70-130	20		
Trichloroethene	103	111	ND	99.0	98.8	104.0	112.3	7.7	74-134	20		
Surrogate(s)												
4-Bromofluorobenzene	524	562		500	500	104.8	112.4		74-121			
1,2-Dichloroethane-d4	585	566		500	500	117.0	113.2		70-121			
Toluene-d8	505	498		500	500	101.0	99.6		81-117			

Volatile Organic Compounds by 8260A

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-5 @ 0-0.5	Soil	04/16/2001 14:00	9
SS-11 @ 0-0.5	Soil	04/16/2001 16:00	16
SS-11 @ 2.5-3	Soil	04/16/2001 16:00	17
SS-14 @ 1-1.5	Soil	04/16/2001 16:00	18

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/24/2001 17:17
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/24/2001 17:17	
Benzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Bromoform	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Bromomethane	ND	10	ug/Kg	1.00	04/24/2001 17:17	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Chloroethane	ND	10	ug/Kg	1.00	04/24/2001 17:17	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/24/2001 17:17	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/24/2001 17:17	
Chloroform	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Chloromethane	ND	10	ug/Kg	1.00	04/24/2001 17:17	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/24/2001 17:17	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/24/2001 17:17	
Dibromomethane	ND	10	ug/Kg	1.00	04/24/2001 17:17	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/24/2001 17:17	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
2-Hexanone	ND	50	ug/Kg	1.00	04/24/2001 17:17	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/24/2001 17:17	
Naphthalene	ND	10	ug/Kg	1.00	04/24/2001 17:17	
Styrene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/24/2001 17:17
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Vinyl acetate	ND	50	ug/Kg	1.00	04/24/2001 17:17	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Total xylenes	ND	10	ug/Kg	1.00	04/24/2001 17:17	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Bromochloromethane	ND	20	ug/Kg	1.00	04/24/2001 17:17	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
MTBE	ND	5.0	ug/Kg	1.00	04/24/2001 17:17	
Surrogate(s)						
4-Bromofluorobenzene	109.8	74-121	%	1.00	04/24/2001 17:17	
1,2-Dichloroethane-d4	119.3	70-121	%	1.00	04/24/2001 17:17	
Toluene-d8	102.9	81-117	%	1.00	04/24/2001 17:17	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-11 @ 0-0.5	Lab Sample ID: 2001-04-0364-016
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/24/2001 17:59
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/24/2001 17:59	
Benzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Bromoform	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Bromomethane	ND	10	ug/Kg	1.00	04/24/2001 17:59	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Chloroethane	ND	10	ug/Kg	1.00	04/24/2001 17:59	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/24/2001 17:59	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/24/2001 17:59	
Chloroform	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Chloromethane	ND	10	ug/Kg	1.00	04/24/2001 17:59	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/24/2001 17:59	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/24/2001 17:59	
Dibromomethane	ND	10	ug/Kg	1.00	04/24/2001 17:59	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/24/2001 17:59	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
2-Hexanone	ND	50	ug/Kg	1.00	04/24/2001 17:59	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/24/2001 17:59	
Naphthalene	ND	10	ug/Kg	1.00	04/24/2001 17:59	
Styrene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	

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To: **Lowney & Associates Oakland**
 Attn.: Mark Amiola

Test Method: 8260A
 Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-11 @ 0-0.5	Lab Sample ID: 2001-04-0364-016
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/24/2001 17:59
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Vinyl acetate	ND	50	ug/Kg	1.00	04/24/2001 17:59	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Total xylenes	ND	10	ug/Kg	1.00	04/24/2001 17:59	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Bromochloromethane	ND	20	ug/Kg	1.00	04/24/2001 17:59	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
MTBE	ND	5.0	ug/Kg	1.00	04/24/2001 17:59	
Surrogate(s)						
4-Bromofluorobenzene	114.0	74-121	%	1.00	04/24/2001 17:59	
1,2-Dichloroethane-d4	115.4	70-121	%	1.00	04/24/2001 17:59	
Toluene-d8	101.6	81-117	%	1.00	04/24/2001 17:59	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-11 @ 2.5-3	Lab Sample ID: 2001-04-0364-017
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/24/2001 18:40
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/24/2001 18:40	
Benzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Bromoform	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Bromomethane	ND	10	ug/Kg	1.00	04/24/2001 18:40	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Chloroethane	ND	10	ug/Kg	1.00	04/24/2001 18:40	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/24/2001 18:40	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/24/2001 18:40	
Chloroform	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Chloromethane	ND	10	ug/Kg	1.00	04/24/2001 18:40	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/24/2001 18:40	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/24/2001 18:40	
Dibromomethane	ND	10	ug/Kg	1.00	04/24/2001 18:40	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/24/2001 18:40	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
2-Hexanone	ND	50	ug/Kg	1.00	04/24/2001 18:40	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/24/2001 18:40	
Naphthalene	ND	10	ug/Kg	1.00	04/24/2001 18:40	
Styrene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-11 @ 2.5-3	Lab Sample ID: 2001-04-0364-017
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/24/2001 18:40
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Vinyl acetate	ND	50	ug/Kg	1.00	04/24/2001 18:40	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Total xylenes	ND	10	ug/Kg	1.00	04/24/2001 18:40	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Bromochloromethane	ND	20	ug/Kg	1.00	04/24/2001 18:40	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
MTBE	ND	5.0	ug/Kg	1.00	04/24/2001 18:40	
Surrogate(s)						
4-Bromofluorobenzene	110.9	74-121	%	1.00	04/24/2001 18:40	
1,2-Dichloroethane-d4	116.9	70-121	%	1.00	04/24/2001 18:40	
Toluene-d8	101.7	81-117	%	1.00	04/24/2001 18:40	

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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-14 @ 1-1.5	Lab Sample ID: 2001-04-0364-018
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/24/2001 19:21
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/24/2001 19:21	
Benzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Bromoform	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Bromomethane	ND	10	ug/Kg	1.00	04/24/2001 19:21	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Chloroethane	ND	10	ug/Kg	1.00	04/24/2001 19:21	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/24/2001 19:21	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/24/2001 19:21	
Chloroform	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Chloromethane	ND	10	ug/Kg	1.00	04/24/2001 19:21	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/24/2001 19:21	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/24/2001 19:21	
Dibromomethane	ND	10	ug/Kg	1.00	04/24/2001 19:21	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/24/2001 19:21	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
2-Hexanone	ND	50	ug/Kg	1.00	04/24/2001 19:21	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/24/2001 19:21	
Naphthalene	ND	10	ug/Kg	1.00	04/24/2001 19:21	
Styrene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-14 @ 1-1.5	Lab Sample ID: 2001-04-0364-018
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/24/2001 19:21
Matrix: Soil	QC-Batch: 2001/04/24-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Vinyl acetate	ND	50	ug/Kg	1.00	04/24/2001 19:21	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Total xylenes	ND	10	ug/Kg	1.00	04/24/2001 19:21	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Bromochloromethane	ND	20	ug/Kg	1.00	04/24/2001 19:21	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
MTBE	ND	5.0	ug/Kg	1.00	04/24/2001 19:21	
Surrogate(s)						
4-Bromofluorobenzene	107.2	74-121	%	1.00	04/24/2001 19:21	
1,2-Dichloroethane-d4	115.1	70-121	%	1.00	04/24/2001 19:21	
Toluene-d8	102.9	81-117	%	1.00	04/24/2001 19:21	

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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/24-01.06
MB: 2001/04/24-01.06-004		Date Extracted: 04/24/2001 12:43

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	04/24/2001 12:43	
Benzene	ND	5.0	ug/Kg	04/24/2001 12:43	
Bromodichloromethane	ND	5.0	ug/Kg	04/24/2001 12:43	
Bromoform	ND	5.0	ug/Kg	04/24/2001 12:43	
Bromomethane	ND	10.0	ug/Kg	04/24/2001 12:43	
Carbon tetrachloride	ND	5.0	ug/Kg	04/24/2001 12:43	
Chlorobenzene	ND	5.0	ug/Kg	04/24/2001 12:43	
Chloroethane	ND	10	ug/Kg	04/24/2001 12:43	
2-Butanone(MEK)	ND	50	ug/Kg	04/24/2001 12:43	
2-Chloroethylvinyl ether	ND	50	ug/Kg	04/24/2001 12:43	
Chloroform	ND	5.0	ug/Kg	04/24/2001 12:43	
Chloromethane	ND	10	ug/Kg	04/24/2001 12:43	
Dibromochloromethane	ND	5.0	ug/Kg	04/24/2001 12:43	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/24/2001 12:43	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/24/2001 12:43	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/24/2001 12:43	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/24/2001 12:43	
1,2-Dibromoethane	ND	10	ug/Kg	04/24/2001 12:43	
Dibromomethane	ND	10	ug/Kg	04/24/2001 12:43	
Dichlorodifluoromethane	ND	10	ug/Kg	04/24/2001 12:43	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/24/2001 12:43	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/24/2001 12:43	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/24/2001 12:43	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/24/2001 12:43	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/24/2001 12:43	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/24/2001 12:43	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/24/2001 12:43	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/24/2001 12:43	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/24/2001 12:43	
Ethylbenzene	ND	5.0	ug/Kg	04/24/2001 12:43	
2-Hexanone	ND	50	ug/Kg	04/24/2001 12:43	
Methylene chloride	ND	5.0	ug/Kg	04/24/2001 12:43	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/24/2001 12:43	
Naphthalene	ND	10	ug/Kg	04/24/2001 12:43	
Styrene	ND	5.0	ug/Kg	04/24/2001 12:43	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/24/2001 12:43	
Tetrachloroethene	ND	5.0	ug/Kg	04/24/2001 12:43	
Toluene	ND	5.0	ug/Kg	04/24/2001 12:43	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/24/2001 12:43	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/24/2001 12:43	
Trichloroethene	ND	5.0	ug/Kg	04/24/2001 12:43	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/24/2001 12:43	
Vinyl acetate	ND	50	ug/Kg	04/24/2001 12:43	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Batch QC Report
Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/24-01.06
MB: 2001/04/24-01.06-004		Date Extracted: 04/24/2001 12:43

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Vinyl chloride	ND	5.0	ug/Kg	04/24/2001 12:43	
Total xylenes	ND	10	ug/Kg	04/24/2001 12:43	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/24/2001 12:43	
Carbon disulfide	ND	5.0	ug/Kg	04/24/2001 12:43	
Isopropylbenzene	ND	5.0	ug/Kg	04/24/2001 12:43	
Bromobenzene	ND	5.0	ug/Kg	04/24/2001 12:43	
Bromochloromethane	ND	20	ug/Kg	04/24/2001 12:43	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/24/2001 12:43	
MTBE	ND	5.0	ug/Kg	04/24/2001 12:43	
Surrogate(s)					
4-Bromofluorobenzene	109.0	74-121	%	04/24/2001 12:43	
1,2-Dichloroethane-d4	108.6	70-121	%	04/24/2001 12:43	
Toluene-d8	101.8	81-117	%	04/24/2001 12:43	

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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn: Mark Arniola

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/24-01.06	
LCS:	2001/04/24-01.06-002	Extracted:	04/24/2001 11:39	Analyzed	04/24/2001 11:39
LCSD:	2001/04/24-01.06-003	Extracted:	04/24/2001 12:11	Analyzed	04/24/2001 12:11

Compound	Conc. [ug/Kg]		Exp. Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	93.0	94.7	100.0	100.0	93.0	94.7	1.8	69-129	20		
Chlorobenzene	80.4	82.0	100.0	100.0	80.4	82.0	2.0	61-121	20		
1,1-Dichloroethene	112	113	100.0	100.0	112.0	113.0	0.9	65-125	20		
Toluene	90.1	91.1	100.0	100.0	90.1	91.1	1.1	70-130	20		
Trichloroethene	97.5	99.1	100.0	100.0	97.5	99.1	1.6	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	547	555	500	500	109.4	111.0		74-121			
1,2-Dichloroethane-d4	523	525	500	500	104.6	105.0		70-121			
Toluene-d8	503	508	500	500	100.6	101.6		81-117			

Semi-volatile Organic Compounds by 8270A

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-4 @ 0-0.5	Soil	04/16/2001 13:00	7
SS-4 @ 2.5-3	Soil	04/16/2001 13:00	8
SS-5 @ 0-0.5	Soil	04/16/2001 14:00	9
SS-5 @ 2.5-3	Soil	04/16/2001 14:00	10

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2-Methylphenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
4-Methylphenol	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Hexachloroethane	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Nitrobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Isophorone	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Naphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
Dibenzofuran	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	

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To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Fluorene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	04/19/2001 14:53	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Pyrene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
Chrysene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 14:53	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	04/19/2001 14:53	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/19/2001 14:53	
Benzoic acid	ND	0.50	mg/Kg	1.00	04/19/2001 14:53	
Surrogate(s)						
Nitrobenzene-d5	101.7	23-120	%	1.00	04/19/2001 14:53	
2-Fluorobiphenyl	99.3	30-115	%	1.00	04/19/2001 14:53	
p-Terphenyl-d14	110.6	18-137	%	1.00	04/19/2001 14:53	
2-Fluorophenol	88.6	25-121	%	1.00	04/19/2001 14:53	
Phenol-d6	82.8	24-113	%	1.00	04/19/2001 14:53	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) 2,4,6-Tribromophenol	102.4	19-122	%	1.00	04/19/2001 14:53	

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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2-Methylphenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
4-Methylphenol	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Hexachloroethane	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Nitrobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Isophorone	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Naphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
Dibenzofuran	0.16	0.10	mg/Kg	1.00	04/19/2001 16:30	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Fluorene	0.54	0.10	mg/Kg	1.00	04/19/2001 16:30	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	04/19/2001 16:30	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Pyrene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
Chrysene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 16:30	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	04/19/2001 16:30	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/19/2001 16:30	
Benzoic acid	ND	0.50	mg/Kg	1.00	04/19/2001 16:30	
Surrogate(s)						
Nitrobenzene-d5	105.8	23-120	%	1.00	04/19/2001 16:30	
2-Fluorobiphenyl	0.0	30-115	%	1.00	04/19/2001 16:30	sl
p-Terphenyl-d14	94.8	18-137	%	1.00	04/19/2001 16:30	
2-Fluorophenol	80.6	25-121	%	1.00	04/19/2001 16:30	
Phenol-d6	91.3	24-113	%	1.00	04/19/2001 16:30	

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STL ChromaLab
Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) 2,4,6-Tribromophenol	111.6	19-122	%	1.00	04/19/2001 16:30	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2-Methylphenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
4-Methylphenol	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Hexachloroethane	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Nitrobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Isophorone	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Naphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
Dibenzofuran	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Fluorene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	04/19/2001 16:13	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Pyrene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
Chrysene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 16:13	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	04/19/2001 16:13	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/19/2001 16:13	
Benzoic acid	ND	0.50	mg/Kg	1.00	04/19/2001 16:13	
Surrogate(s)						
Nitrobenzene-d5	99.8	23-120	%	1.00	04/19/2001 16:13	
2-Fluorobiphenyl	110.6	30-115	%	1.00	04/19/2001 16:13	
p-Terphenyl-d14	118.0	18-137	%	1.00	04/19/2001 16:13	
2-Fluorophenol	95.1	25-121	%	1.00	04/19/2001 16:13	
Phenol-d6	95.4	24-113	%	1.00	04/19/2001 16:13	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) 2,4,6-Tribromophenol	104.8	19-122	%	1.00	04/19/2001 16:13	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2-Methylphenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
4-Methylphenol	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Hexachloroethane	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Nitrobenzene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Isophorone	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Naphthalene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
Dibenzofuran	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Fluorene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Anthracene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	04/20/2001 12:48	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Pyrene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
Chrysene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/20/2001 12:48	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	04/20/2001 12:48	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/20/2001 12:48	
Benzoic acid	ND	0.50	mg/Kg	1.00	04/20/2001 12:48	
Surrogate(s)						
Nitrobenzene-d5	87.4	23-120	%	1.00	04/20/2001 12:48	
2-Fluorobiphenyl	95.0	30-115	%	1.00	04/20/2001 12:48	
p-Terphenyl-d14	117.2	18-137	%	1.00	04/20/2001 12:48	
2-Fluorophenol	76.5	25-121	%	1.00	04/20/2001 12:48	
Phenol-d6	79.1	24-113	%	1.00	04/20/2001 12:48	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) 2,4,6-Tribromophenol	87.6	19-122	%	1.00	04/20/2001 12:48	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2001/04/18-01.11
MB: 2001/04/18-01.11-001		Date Extracted: 04/18/2001 10:58

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	04/19/2001 00:50	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	04/19/2001 00:50	
2-Chlorophenol	ND	0.10	mg/Kg	04/19/2001 00:50	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	04/19/2001 00:50	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	04/19/2001 00:50	
Benzyl alcohol	ND	0.20	mg/Kg	04/19/2001 00:50	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	04/19/2001 00:50	
2-Methylphenol	ND	0.10	mg/Kg	04/19/2001 00:50	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	04/19/2001 00:50	
4-Methylphenol	ND	0.20	mg/Kg	04/19/2001 00:50	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	04/19/2001 00:50	
Hexachloroethane	ND	0.10	mg/Kg	04/19/2001 00:50	
Nitrobenzene	ND	0.10	mg/Kg	04/19/2001 00:50	
Isophorone	ND	0.10	mg/Kg	04/19/2001 00:50	
2-Nitrophenol	ND	0.10	mg/Kg	04/19/2001 00:50	
2,4-Dimethylphenol	ND	0.10	mg/Kg	04/19/2001 00:50	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	04/19/2001 00:50	
2,4-Dichlorophenol	ND	0.10	mg/Kg	04/19/2001 00:50	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	04/19/2001 00:50	
Naphthalene	ND	0.10	mg/Kg	04/19/2001 00:50	
4-Chloroaniline	ND	0.20	mg/Kg	04/19/2001 00:50	
Hexachlorobutadiene	ND	0.10	mg/Kg	04/19/2001 00:50	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	04/19/2001 00:50	
2-Methylnaphthalene	ND	0.10	mg/Kg	04/19/2001 00:50	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	04/19/2001 00:50	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	04/19/2001 00:50	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	04/19/2001 00:50	
2-Chloronaphthalene	ND	0.10	mg/Kg	04/19/2001 00:50	
2-Nitroaniline	ND	0.50	mg/Kg	04/19/2001 00:50	
Dimethyl phthalate	ND	0.50	mg/Kg	04/19/2001 00:50	
Acenaphthylene	ND	0.10	mg/Kg	04/19/2001 00:50	
3-Nitroaniline	ND	0.10	mg/Kg	04/19/2001 00:50	
Acenaphthene	ND	0.10	mg/Kg	04/19/2001 00:50	
2,4-Dinitrophenol	ND	0.50	mg/Kg	04/19/2001 00:50	
4-Nitrophenol	ND	0.50	mg/Kg	04/19/2001 00:50	
Dibenzofuran	ND	0.10	mg/Kg	04/19/2001 00:50	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	04/19/2001 00:50	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	04/19/2001 00:50	
Diethyl phthalate	ND	0.50	mg/Kg	04/19/2001 00:50	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	04/19/2001 00:50	
Fluorene	ND	0.10	mg/Kg	04/19/2001 00:50	
4-Nitroaniline	ND	0.50	mg/Kg	04/19/2001 00:50	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	04/19/2001 00:50	

1220 Quarry Lane * Pleasanton, CA 94566-4756

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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2001/04/18-01.11
MB: 2001/04/18-01.11-001		Date Extracted: 04/18/2001 10:58

Compound	Result	Rep.Limit	Units	Analyzed	Flag
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	04/19/2001 00:50	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	04/19/2001 00:50	
Hexachlorobenzene	ND	0.10	mg/Kg	04/19/2001 00:50	
Pentachlorophenol	ND	0.50	mg/Kg	04/19/2001 00:50	
Phenanthrene	ND	0.10	mg/Kg	04/19/2001 00:50	
Anthracene	ND	0.10	mg/Kg	04/19/2001 00:50	
Di-n-butyl phthalate	ND	2.0	mg/Kg	04/19/2001 00:50	
Fluoranthene	ND	0.10	mg/Kg	04/19/2001 00:50	
Pyrene	ND	0.10	mg/Kg	04/19/2001 00:50	
Butyl benzyl phthalate	ND	0.50	mg/Kg	04/19/2001 00:50	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	04/19/2001 00:50	
Benzo(a)anthracene	ND	0.10	mg/Kg	04/19/2001 00:50	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	04/19/2001 00:50	
Chrysene	ND	0.10	mg/Kg	04/19/2001 00:50	
Di-n-octyl phthalate	ND	0.50	mg/Kg	04/19/2001 00:50	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	04/19/2001 00:50	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	04/19/2001 00:50	
Benzo(a)pyrene	ND	0.02	mg/Kg	04/19/2001 00:50	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	04/19/2001 00:50	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	04/19/2001 00:50	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	04/19/2001 00:50	
Benzoic acid	ND	0.50	mg/Kg	04/19/2001 00:50	
Surrogate(s)					
Nitrobenzene-d5	78.0	23-120	%	04/19/2001 00:50	
2-Fluorobiphenyl	90.8	30-115	%	04/19/2001 00:50	
p-Terphenyl-d14	96.1	18-137	%	04/19/2001 00:50	
2-Fluorophenol	70.9	25-121	%	04/19/2001 00:50	
Phenol-d6	74.9	24-113	%	04/19/2001 00:50	
2,4,6-Tribromophenol	101.8	19-122	%	04/19/2001 00:50	

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn: Mark Arniola

Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/18-01.11	
LCS:	2001/04/18-01.11-002	Extracted:	04/18/2001 10:58	Analyzed	04/19/2001 01:29
LCSD:	2001/04/18-01.11-003	Extracted:	04/18/2001 10:58	Analyzed	04/19/2001 02:08

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		[%]	Recovery	RPD	LCS
Phenol	1.29	1.23	2.00	2.00	64.5	61.5	4.8	20-90	35		
2-Chlorophenol	1.23	1.18	2.00	2.00	61.5	59.0	4.1	27-123	35		
1,4-Dichlorobenzene	0.690	0.650	1.000	1.000	69.0	65.0	6.0	28-104	30		
N-Nitroso-di-n-propylamin	0.690	0.660	1.000	1.000	69.0	66.0	4.4	25-114	39		
1,2,4-Trichlorobenzene	0.640	0.600	1.000	1.000	64.0	60.0	6.5	38-107	35		
4-Chloro-3-methylphenol	1.45	1.35	2.00	2.00	72.5	67.5	7.1	26-103	33		
Acenaphthene	0.760	0.730	1.000	1.000	76.0	73.0	4.0	49-102	30		
4-Nitrophenol	1.30	1.25	2.00	2.00	65.0	62.5	3.9	17-109	35		
2,4-Dinitrotoluene	0.760	0.700	1.000	1.000	76.0	70.0	8.2	39-139	38		
Pentachlorophenol	1.29	1.21	2.00	2.00	64.5	60.5	6.4	11-114	35		
Pyrene	0.880	0.830	1.000	1.000	88.0	83.0	5.8	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	20.9	18.8	25	25	83.6	75.2		23-120			
2-Fluorobiphenyl	24.5	22.4	25	25	98.0	89.6		30-115			
p-Terphenyl-d14	29.0	26.3	25	25	116.0	105.2		18-137			
2-Fluorophenol	35.4	33.2	50	50	70.8	66.4		25-121			
Phenol-d6	40.2	36.7	50	50	80.4	73.4		24-113			
2,4,6-Tribromophenol	50.4	47.4	50	50	100.8	94.8		19-122			

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Legend & Notes

Semi-volatile Organic Compounds by 8270A

Analyte Flags

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

PNA analysis by 8270A

Lowney & Associates Oakland	☒ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-14 @ 1-1.5	Soil	04/16/2001 16:00	18

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-14 @ 1-1.5	Lab Sample ID: 2001-04-0364-018
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/18/2001 10:58
Matrix: Soil	QC-Batch: 2001/04/18-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Fluorene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Pyrene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Chrysene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/19/2001 17:41	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/19/2001 17:41	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/19/2001 17:41	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/19/2001 17:41	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/19/2001 17:41	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/19/2001 17:41	
Surrogate(s)						
Nitrobenzene-d5	83.2	23-120	%	1.00	04/19/2001 17:41	
2-Fluorobiphenyl	92.1	30-115	%	1.00	04/19/2001 17:41	
p-Terphenyl-d14	113.5	18-137	%	1.00	04/19/2001 17:41	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Batch QC Report
PNA analysis by 8270A

Method Blank	Soil	QC Batch # 2001/04/18-01.11
MB: 2001/04/18-01.11-001		Date Extracted: 04/18/2001 10:58

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	04/19/2001 00:50	
Acenaphthylene	ND	0.10	mg/Kg	04/19/2001 00:50	
Acenaphthene	ND	0.10	mg/Kg	04/19/2001 00:50	
Fluorene	ND	0.10	mg/Kg	04/19/2001 00:50	
Phenanthrene	ND	0.10	mg/Kg	04/19/2001 00:50	
Anthracene	ND	0.10	mg/Kg	04/19/2001 00:50	
Fluoranthene	ND	0.10	mg/Kg	04/19/2001 00:50	
Pyrene	ND	0.10	mg/Kg	04/19/2001 00:50	
Benzo(a)anthracene	ND	0.10	mg/Kg	04/19/2001 00:50	
Chrysene	ND	0.10	mg/Kg	04/19/2001 00:50	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	04/19/2001 00:50	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	04/19/2001 00:50	
Benzo(a)pyrene	ND	0.02	mg/Kg	04/19/2001 00:50	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	04/19/2001 00:50	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	04/19/2001 00:50	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	04/19/2001 00:50	
Surrogate(s)					
Nitrobenzene-d5	78.0	23-120	%	04/19/2001 00:50	
2-Fluorobiphenyl	90.8	30-115	%	04/19/2001 00:50	
p-Terphenyl-d14	96.1	18-137	%	04/19/2001 00:50	

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Batch QC Report

PNA analysis by 8270A

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/18-01.11
LCS: 2001/04/18-01.11-002	Extracted: 04/18/2001 10:58	Analyzed 04/19/2001 01:29
LCSD: 2001/04/18-01.11-003	Extracted: 04/18/2001 10:58	Analyzed 04/19/2001 02:08

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Acenaphthene	0.760	0.730	1.000	1.000	76.0	73.0	4.0	49-102	30		
Pyrene	0.880	0.830	1.000	1.000	88.0	83.0	5.8	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	20.9	18.8	25	25	83.6	75.2		23-120			
2-Fluorobiphenyl	24.5	22.4	25	25	98.0	89.6		30-115			
p-Terphenyl-d14	29.0	26.3	25	25	116.0	105.2		18-137			

PNA analysis by 8270A

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-11 @ 0-0.5	Soil	04/16/2001 16:00	16
SS-11 @ 2.5-3	Soil	04/16/2001 16:00	17

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-11 @ 0-0.5	Lab Sample ID: 2001-04-0364-016
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 14:50	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 14:50	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 14:50	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 14:50	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 14:50	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 14:50	
Surrogate(s)						
Nitrobenzene-d5	46.7	23-120	%	1.00	04/24/2001 14:50	
2-Fluorobiphenyl	44.8	30-115	%	1.00	04/24/2001 14:50	
p-Terphenyl-d14	66.2	18-137	%	1.00	04/24/2001 14:50	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-11 @ 2.5-3	Lab Sample ID: 2001-04-0364-017
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 15:23	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 15:23	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 15:23	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 15:23	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 15:23	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 15:23	
Surrogate(s)						
Nitrobenzene-d5	59.2	23-120	%	1.00	04/24/2001 15:23	
2-Fluorobiphenyl	41.0	30-115	%	1.00	04/24/2001 15:23	
p-Terphenyl-d14	79.3	18-137	%	1.00	04/24/2001 15:23	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report
 PNA analysis by 8270A

Method Blank	Soil	QC Batch # 2001/04/23-03.11
MB: 2001/04/23-03.11-001		Date Extracted: 04/23/2001 14:10

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	04/24/2001 12:04	
Acenaphthylene	ND	0.10	mg/Kg	04/24/2001 12:04	
Acenaphthene	ND	0.10	mg/Kg	04/24/2001 12:04	
Fluorene	ND	0.10	mg/Kg	04/24/2001 12:04	
Phenanthrene	ND	0.10	mg/Kg	04/24/2001 12:04	
Anthracene	ND	0.10	mg/Kg	04/24/2001 12:04	
Fluoranthene	ND	0.10	mg/Kg	04/24/2001 12:04	
Pyrene	ND	0.10	mg/Kg	04/24/2001 12:04	
Benzo(a)anthracene	ND	0.10	mg/Kg	04/24/2001 12:04	
Chrysene	ND	0.10	mg/Kg	04/24/2001 12:04	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	04/24/2001 12:04	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	04/24/2001 12:04	
Benzo(a)pyrene	ND	0.050	mg/Kg	04/24/2001 12:04	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	04/24/2001 12:04	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	04/24/2001 12:04	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	04/24/2001 12:04	
Surrogate(s)					
Nitrobenzene-d5	82.4	23-120	%	04/24/2001 12:04	
2-Fluorobiphenyl	77.2	30-115	%	04/24/2001 12:04	
p-Terphenyl-d14	91.2	18-137	%	04/24/2001 12:04	

To: **Lowney & Associates Oakland**
 Attn: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report

PNA analysis by 8270A

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/23-03.11
LCS: 2001/04/23-03.11-002	Extracted: 04/23/2001 14:10	Analyzed 04/24/2001 13:24
LCSD: 2001/04/23-03.11-003	Extracted: 04/23/2001 14:10	Analyzed 04/24/2001 14:05

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Acenaphthene	0.740	0.740	1.000	1.000	74.0	74.0	0.0	49-102	30		
Pyrene	0.880	0.930	1.000	1.000	88.0	93.0	5.5	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	17.7	18.9	25	25	70.8	75.6		23-120			
2-Fluorobiphenyl	19.7	21.0	25	25	78.8	84.0		30-115			
p-Terphenyl-d14	23.2	23.2	25	25	92.8	92.8		18-137			

CAM 17 Metals

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-2 @ 0-0.5	Soil	04/16/2001 13:00	5
SS-2 @ 2.5-3	Soil	04/16/2001 13:00	6
SS-4 @ 0-0.5	Soil	04/16/2001 13:00	7
SS-4 @ 2.5-3	Soil	04/16/2001 13:00	8
SS-5 @ 0-0.5	Soil	04/16/2001 14:00	9
SS-5 @ 2.5-3	Soil	04/16/2001 14:00	10
SS-8 @ 0-0.5	Soil	04/16/2001 14:00	11
SS-8 @ 2.5-3	Soil	04/16/2001 14:00	12
SS-9 @ 0-0.5	Soil	04/16/2001 15:00	13
SS-9 @ 2.5-3	Soil	04/16/2001 15:00	14
SS-9 @ 3.5-4	Soil	04/16/2001 15:00	15
SS-11 @ 0-0.5	Soil	04/16/2001 16:00	16
SS-11 @ 2.5-3	Soil	04/16/2001 16:00	17
SS-14 @ 1-1.5	Soil	04/16/2001 16:00	18

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-2 @ 0-0.5	Lab Sample ID: 2001-04-0364-005
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 15:38	
Arsenic	ND	1.0	mg/Kg	1.00	04/20/2001 15:38	
Barium	190	1.0	mg/Kg	1.00	04/20/2001 15:38	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 15:38	
Cadmium	0.92	0.50	mg/Kg	1.00	04/20/2001 15:38	
Chromium	28	1.0	mg/Kg	1.00	04/20/2001 15:38	
Cobalt	8.5	1.0	mg/Kg	1.00	04/20/2001 15:38	
Copper	16	1.0	mg/Kg	1.00	04/20/2001 15:38	
Lead	16	1.0	mg/Kg	1.00	04/20/2001 15:38	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 15:38	
Nickel	33	1.0	mg/Kg	1.00	04/20/2001 15:38	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 15:38	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 15:38	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 15:38	
Vanadium	90	1.0	mg/Kg	1.00	04/20/2001 15:38	
Zinc	39	1.0	mg/Kg	1.00	04/20/2001 15:38	
Mercury	0.10	0.050	mg/Kg	1.00	04/20/2001 10:31	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-2 @ 2.5-3	Lab Sample ID: 2001-04-0364-006
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 15:41	
Arsenic	2.8	1.0	mg/Kg	1.00	04/20/2001 15:41	
Barium	160	1.0	mg/Kg	1.00	04/20/2001 15:41	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 15:41	
Cadmium	ND	0.50	mg/Kg	1.00	04/20/2001 15:41	
Chromium	13	1.0	mg/Kg	1.00	04/20/2001 15:41	
Cobalt	12	1.0	mg/Kg	1.00	04/20/2001 15:41	
Copper	7.6	1.0	mg/Kg	1.00	04/20/2001 15:41	
Lead	4.1	1.0	mg/Kg	1.00	04/20/2001 15:41	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 15:41	
Nickel	12	1.0	mg/Kg	1.00	04/20/2001 15:41	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 15:41	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 15:41	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 15:41	
Vanadium	54	1.0	mg/Kg	1.00	04/20/2001 15:41	
Zinc	9.6	1.0	mg/Kg	1.00	04/20/2001 15:41	
Mercury	ND	0.050	mg/Kg	1.00	04/20/2001 10:32	

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To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 15:45	
Arsenic	25	1.0	mg/Kg	1.00	04/20/2001 15:45	
Barium	51	1.0	mg/Kg	1.00	04/20/2001 15:45	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 15:45	
Cadmium	0.62	0.50	mg/Kg	1.00	04/20/2001 15:45	
Chromium	18	1.0	mg/Kg	1.00	04/20/2001 15:45	
Cobalt	4.8	1.0	mg/Kg	1.00	04/20/2001 15:45	
Copper	43	1.0	mg/Kg	1.00	04/20/2001 15:45	
Lead	14	1.0	mg/Kg	1.00	04/20/2001 15:45	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 15:45	
Nickel	17	1.0	mg/Kg	1.00	04/20/2001 15:45	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 15:45	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 15:45	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 15:45	
Vanadium	16	1.0	mg/Kg	1.00	04/20/2001 15:45	
Zinc	50	1.0	mg/Kg	1.00	04/20/2001 15:45	
Mercury	0.067	0.050	mg/Kg	1.00	04/20/2001 10:36	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 15:49	
Arsenic	11	1.0	mg/Kg	1.00	04/20/2001 15:49	
Barium	48	1.0	mg/Kg	1.00	04/20/2001 15:49	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 15:49	
Cadmium	0.97	0.50	mg/Kg	1.00	04/20/2001 15:49	
Chromium	11	1.0	mg/Kg	1.00	04/20/2001 15:49	
Cobalt	5.9	1.0	mg/Kg	1.00	04/20/2001 15:49	
Copper	32	1.0	mg/Kg	1.00	04/20/2001 15:49	
Lead	5.8	1.0	mg/Kg	1.00	04/20/2001 15:49	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 15:49	
Nickel	11	1.0	mg/Kg	1.00	04/20/2001 15:49	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 15:49	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 15:49	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 15:49	
Vanadium	21	1.0	mg/Kg	1.00	04/20/2001 15:49	
Zinc	56	1.0	mg/Kg	1.00	04/20/2001 15:49	
Mercury	0.14	0.050	mg/Kg	1.00	04/20/2001 10:37	

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To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 15:53	
Arsenic	1.8	1.0	mg/Kg	1.00	04/20/2001 15:53	
Barium	140	1.0	mg/Kg	1.00	04/20/2001 15:53	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 15:53	
Cadmium	1.1	0.50	mg/Kg	1.00	04/20/2001 15:53	
Chromium	24	1.0	mg/Kg	1.00	04/20/2001 15:53	
Cobalt	7.9	1.0	mg/Kg	1.00	04/20/2001 15:53	
Copper	18	1.0	mg/Kg	1.00	04/20/2001 15:53	
Lead	14	1.0	mg/Kg	1.00	04/20/2001 15:53	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 15:53	
Nickel	36	1.0	mg/Kg	1.00	04/20/2001 15:53	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 15:53	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 15:53	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 15:53	
Vanadium	39	1.0	mg/Kg	1.00	04/20/2001 15:53	
Zinc	42	1.0	mg/Kg	1.00	04/20/2001 15:53	
Mercury	0.079	0.050	mg/Kg	1.00	04/20/2001 10:38	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 15:57	
Arsenic	ND	1.0	mg/Kg	1.00	04/20/2001 15:57	
Barium	120	1.0	mg/Kg	1.00	04/20/2001 15:57	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 15:57	
Cadmium	ND	0.50	mg/Kg	1.00	04/20/2001 15:57	
Chromium	13	1.0	mg/Kg	1.00	04/20/2001 15:57	
Cobalt	3.9	1.0	mg/Kg	1.00	04/20/2001 15:57	
Copper	10	1.0	mg/Kg	1.00	04/20/2001 15:57	
Lead	3.7	1.0	mg/Kg	1.00	04/20/2001 15:57	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 15:57	
Nickel	9.7	1.0	mg/Kg	1.00	04/20/2001 15:57	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 15:57	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 15:57	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 15:57	
Vanadium	26	1.0	mg/Kg	1.00	04/20/2001 15:57	
Zinc	10	1.0	mg/Kg	1.00	04/20/2001 15:57	
Mercury	ND	0.050	mg/Kg	1.00	04/20/2001 10:39	

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To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-8 @ 0-0.5	Lab Sample ID: 2001-04-0364-011
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:00	
Arsenic	6.6	1.0	mg/Kg	1.00	04/20/2001 16:00	
Barium	170	1.0	mg/Kg	1.00	04/20/2001 16:00	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:00	
Cadmium	1.0	0.50	mg/Kg	1.00	04/20/2001 16:00	
Chromium	16	1.0	mg/Kg	1.00	04/20/2001 16:00	
Cobalt	12	1.0	mg/Kg	1.00	04/20/2001 16:00	
Copper	31	1.0	mg/Kg	1.00	04/20/2001 16:00	
Lead	14	1.0	mg/Kg	1.00	04/20/2001 16:00	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:00	
Nickel	30	1.0	mg/Kg	1.00	04/20/2001 16:00	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:00	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:00	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:00	
Vanadium	17	1.0	mg/Kg	1.00	04/20/2001 16:00	
Zinc	57	1.0	mg/Kg	1.00	04/20/2001 16:00	
Mercury	0.19	0.050	mg/Kg	1.00	04/20/2001 10:41	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-8 @ 2.5-3	Lab Sample ID: 2001-04-0364-012
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:04	
Arsenic	3.8	1.0	mg/Kg	1.00	04/20/2001 16:04	
Barium	110	1.0	mg/Kg	1.00	04/20/2001 16:04	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:04	
Cadmium	0.87	0.50	mg/Kg	1.00	04/20/2001 16:04	
Chromium	15	1.0	mg/Kg	1.00	04/20/2001 16:04	
Cobalt	7.6	1.0	mg/Kg	1.00	04/20/2001 16:04	
Copper	24	1.0	mg/Kg	1.00	04/20/2001 16:04	
Lead	9.8	1.0	mg/Kg	1.00	04/20/2001 16:04	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:04	
Nickel	26	1.0	mg/Kg	1.00	04/20/2001 16:04	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:04	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:04	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:04	
Vanadium	15	1.0	mg/Kg	1.00	04/20/2001 16:04	
Zinc	48	1.0	mg/Kg	1.00	04/20/2001 16:04	
Mercury	0.30	0.050	mg/Kg	1.00	04/20/2001 10:42	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-9 @ 0-0.5	Lab Sample ID: 2001-04-0364-013
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:08	
Arsenic	2.3	1.0	mg/Kg	1.00	04/20/2001 16:08	
Barium	150	1.0	mg/Kg	1.00	04/20/2001 16:08	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:08	
Cadmium	0.76	0.50	mg/Kg	1.00	04/20/2001 16:08	
Chromium	24	1.0	mg/Kg	1.00	04/20/2001 16:08	
Cobalt	7.7	1.0	mg/Kg	1.00	04/20/2001 16:08	
Copper	21	1.0	mg/Kg	1.00	04/20/2001 16:08	
Lead	190	1.0	mg/Kg	1.00	04/20/2001 16:08	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:08	
Nickel	21	1.0	mg/Kg	1.00	04/20/2001 16:08	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:08	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:08	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:08	
Vanadium	26	1.0	mg/Kg	1.00	04/20/2001 16:08	
Zinc	130	1.0	mg/Kg	1.00	04/20/2001 16:08	
Mercury	0.22	0.050	mg/Kg	1.00	04/20/2001 10:43	

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To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-9 @ 2.5-3	Lab Sample ID: 2001-04-0364-014
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:30	
Arsenic	6.3	1.0	mg/Kg	1.00	04/20/2001 16:30	
Barium	57	1.0	mg/Kg	1.00	04/20/2001 16:30	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:30	
Cadmium	ND	0.50	mg/Kg	1.00	04/20/2001 16:30	
Chromium	4.6	1.0	mg/Kg	1.00	04/20/2001 16:30	
Cobalt	1.3	1.0	mg/Kg	1.00	04/20/2001 16:30	
Copper	3.5	1.0	mg/Kg	1.00	04/20/2001 16:30	
Lead	6.8	1.0	mg/Kg	1.00	04/20/2001 16:30	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:30	
Nickel	4.8	1.0	mg/Kg	1.00	04/20/2001 16:30	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:30	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:30	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:30	
Vanadium	7.5	1.0	mg/Kg	1.00	04/20/2001 16:30	
Zinc	29	1.0	mg/Kg	1.00	04/20/2001 16:30	
Mercury	ND	0.050	mg/Kg	1.00	04/20/2001 10:44	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-9 @ 3.5-4	Lab Sample ID: 2001-04-0364-015
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:33	
Arsenic	ND	1.0	mg/Kg	1.00	04/20/2001 16:33	
Barium	110	1.0	mg/Kg	1.00	04/20/2001 16:33	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:33	
Cadmium	0.86	0.50	mg/Kg	1.00	04/20/2001 16:33	
Chromium	35	1.0	mg/Kg	1.00	04/20/2001 16:33	
Cobalt	7.5	1.0	mg/Kg	1.00	04/20/2001 16:33	
Copper	15	1.0	mg/Kg	1.00	04/20/2001 16:33	
Lead	5.4	1.0	mg/Kg	1.00	04/20/2001 16:33	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:33	
Nickel	36	1.0	mg/Kg	1.00	04/20/2001 16:33	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:33	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:33	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:33	
Vanadium	25	1.0	mg/Kg	1.00	04/20/2001 16:33	
Zinc	29	1.0	mg/Kg	1.00	04/20/2001 16:33	
Mercury	0.11	0.050	mg/Kg	1.00	04/20/2001 10:46	

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To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-11 @ 0-0.5	Lab Sample ID: 2001-04-0364-016
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:37	
Arsenic	ND	1.0	mg/Kg	1.00	04/20/2001 16:37	
Barium	150	1.0	mg/Kg	1.00	04/20/2001 16:37	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:37	
Cadmium	0.53	0.50	mg/Kg	1.00	04/20/2001 16:37	
Chromium	20	1.0	mg/Kg	1.00	04/20/2001 16:37	
Cobalt	12	1.0	mg/Kg	1.00	04/20/2001 16:37	
Copper	11	1.0	mg/Kg	1.00	04/20/2001 16:37	
Lead	11	1.0	mg/Kg	1.00	04/20/2001 16:37	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:37	
Nickel	25	1.0	mg/Kg	1.00	04/20/2001 16:37	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:37	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:37	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:37	
Vanadium	26	1.0	mg/Kg	1.00	04/20/2001 16:37	
Zinc	54	1.0	mg/Kg	1.00	04/20/2001 16:37	
Mercury	0.080	0.050	mg/Kg	1.00	04/20/2001 10:47	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-11 @ 2.5-3	Lab Sample ID: 2001-04-0364-017
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:41	
Arsenic	3.4	1.0	mg/Kg	1.00	04/20/2001 16:41	
Barium	170	1.0	mg/Kg	1.00	04/20/2001 16:41	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:41	
Cadmium	2.8	0.50	mg/Kg	1.00	04/20/2001 16:41	
Chromium	16	1.0	mg/Kg	1.00	04/20/2001 16:41	
Cobalt	9.3	1.0	mg/Kg	1.00	04/20/2001 16:41	
Copper	23	1.0	mg/Kg	1.00	04/20/2001 16:41	
Lead	440	1.0	mg/Kg	1.00	04/20/2001 16:41	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:41	
Nickel	22	1.0	mg/Kg	1.00	04/20/2001 16:41	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:41	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:41	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:41	
Vanadium	23	1.0	mg/Kg	1.00	04/20/2001 16:41	
Zinc	37	1.0	mg/Kg	1.00	04/20/2001 16:41	
Mercury	0.20	0.050	mg/Kg	1.00	04/20/2001 10:50	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-14 @ 1-1.5	Lab Sample ID: 2001-04-0364-018
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/20/2001 05:44
Matrix: Soil	QC-Batch: 2001/04/20-01.15 2001/04/20-01.16

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/20/2001 16:45	
Arsenic	ND	1.0	mg/Kg	1.00	04/20/2001 16:45	
Barium	26	1.0	mg/Kg	1.00	04/20/2001 16:45	
Beryllium	ND	0.50	mg/Kg	1.00	04/20/2001 16:45	
Cadmium	1.0	0.50	mg/Kg	1.00	04/20/2001 16:45	
Chromium	7.2	1.0	mg/Kg	1.00	04/20/2001 16:45	
Cobalt	ND	1.0	mg/Kg	1.00	04/20/2001 16:45	
Copper	4.9	1.0	mg/Kg	1.00	04/20/2001 16:45	
Lead	12	1.0	mg/Kg	1.00	04/20/2001 16:45	
Molybdenum	ND	1.0	mg/Kg	1.00	04/20/2001 16:45	
Nickel	7.7	1.0	mg/Kg	1.00	04/20/2001 16:45	
Selenium	ND	2.0	mg/Kg	1.00	04/20/2001 16:45	
Silver	ND	1.0	mg/Kg	1.00	04/20/2001 16:45	
Thallium	ND	1.0	mg/Kg	1.00	04/20/2001 16:45	
Vanadium	5.5	1.0	mg/Kg	1.00	04/20/2001 16:45	
Zinc	24	1.0	mg/Kg	1.00	04/20/2001 16:45	
Mercury	ND	0.050	mg/Kg	1.00	04/20/2001 10:52	

To: **Lowney & Associates Oakland**
Attn.: Mark Amiola

Test Method: 7471A
Prep Method: 7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 2001/04/20-01.16
MB: 2001/04/20-01.16-035		Date Extracted: 04/20/2001 05:45

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	04/20/2001 10:21	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 6010B
Prep Method: 3050B

Batch QC Report CAM 17 Metals

Method Blank	Soil	QC Batch # 2001/04/20-01.15
MB: 2001/04/20-01.15-098		Date Extracted: 04/20/2001 05:44

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	04/20/2001 14:50	
Arsenic	ND	1.0	mg/Kg	04/20/2001 14:50	
Barium	ND	1.0	mg/Kg	04/20/2001 14:50	
Beryllium	ND	0.50	mg/Kg	04/20/2001 14:50	
Cadmium	ND	0.50	mg/Kg	04/20/2001 14:50	
Chromium	ND	1.0	mg/Kg	04/20/2001 14:50	
Cobalt	ND	1.0	mg/Kg	04/20/2001 14:50	
Copper	ND	1.0	mg/Kg	04/20/2001 14:50	
Lead	ND	1.0	mg/Kg	04/20/2001 14:50	
Molybdenum	ND	1.0	mg/Kg	04/20/2001 14:50	
Nickel	ND	1.0	mg/Kg	04/20/2001 14:50	
Selenium	ND	2.0	mg/Kg	04/20/2001 14:50	
Silver	ND	1.0	mg/Kg	04/20/2001 14:50	
Thallium	ND	1.0	mg/Kg	04/20/2001 14:50	
Vanadium	ND	1.0	mg/Kg	04/20/2001 14:50	
Zinc	ND	1.0	mg/Kg	04/20/2001 14:50	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 7471A

Attn: Mark Arniola

Prep Method: 7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/20-01.16
LCS: 2001/04/20-01.16-036	Extracted: 04/20/2001 05:45	Analyzed 04/20/2001 10:23
LCSD: 2001/04/20-01.16-037	Extracted: 04/20/2001 05:45	Analyzed 04/20/2001 10:24

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.547	0.558	0.500	0.500	109.4	111.6	2.0	85-115	20		

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 6010B

Attn: Mark Arniola

Prep Method: 3050B

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)

Soil

QC Batch # 2001/04/20-01.15

LCS: 2001/04/20-01.15-099

Extracted: 04/20/2001 05:44

Analyzed 04/20/2001 14:54

LCSD: 2001/04/20-01.15-100

Extracted: 04/20/2001 05:44

Analyzed 04/20/2001 14:58

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	92.5	93.3	100.0	100.0	92.5	93.3	0.9	80-120	20		
Arsenic	97.3	98.8	100.0	100.0	97.3	98.8	1.5	80-120	20		
Barium	95.5	95.6	100.0	100.0	95.5	95.6	0.1	80-120	20		
Beryllium	97.7	97.9	100.0	100.0	97.7	97.9	0.2	80-120	20		
Cadmium	94.9	94.8	100.0	100.0	94.9	94.8	0.1	80-120	20		
Chromium	95.7	95.6	100.0	100.0	95.7	95.6	0.1	80-120	20		
Cobalt	95.6	95.3	100.0	100.0	95.6	95.3	0.3	80-120	20		
Copper	97.3	96.6	100.0	100.0	97.3	96.6	0.7	80-120	20		
Lead	95.1	95.0	100.0	100.0	95.1	95.0	0.1	80-120	20		
Molybdenum	96.2	95.9	100.0	100.0	96.2	95.9	0.3	80-120	20		
Nickel	95.5	95.4	100.0	100.0	95.5	95.4	0.1	80-120	20		
Selenium	91.8	91.3	100.0	100.0	91.8	91.3	0.5	80-120	20		
Silver	94.9	94.6	100.0	100.0	94.9	94.6	0.3	80-120	20		
Thallium	94.6	94.9	100.0	100.0	94.6	94.9	0.3	80-120	20		
Vanadium	96.7	96.9	100.0	100.0	96.7	96.9	0.2	80-120	20		
Zinc	93.8	93.3	100.0	100.0	93.8	93.3	0.5	80-120	20		

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Gas/BTEX

Lowney & Associates Oakland	☒ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-1 @ 1-1.5	Soil	04/16/2001 13:00	4
SS-4 @ 0-0.5	Soil	04/16/2001 13:00	7
SS-5 @ 0-0.5	Soil	04/16/2001 14:00	9
SS-5 @ 2.5-3	Soil	04/16/2001 14:00	10

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn.: Mark Arniola

Prep Method: 5030

Gas/BTEX

Sample ID: SS-1 @ 1-1.5	Lab Sample ID: 2001-04-0364-004
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/20/2001 14:46
Matrix: Soil	QC-Batch: 2001/04/20-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/20/2001 14:46	
Benzene	ND	0.0050	mg/Kg	1.00	04/20/2001 14:46	
Toluene	ND	0.0050	mg/Kg	1.00	04/20/2001 14:46	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/20/2001 14:46	
Xylene(s)	ND	0.0050	mg/Kg	1.00	04/20/2001 14:46	
Surrogate(s)						
Trifluorotoluene	102.1	53-125	%	1.00	04/20/2001 14:46	
4-Bromofluorobenzene-FID	63.9	58-124	%	1.00	04/20/2001 14:46	

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Printed on: 04/24/2001 17:24

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn.: Mark Amiola

Prep Method: 5030

Gas/BTEX

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/23/2001 14:41
Matrix: Soil	QC-Batch: 2001/04/23-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/23/2001 14:41	
Benzene	ND	0.0050	mg/Kg	1.00	04/23/2001 14:41	
Toluene	ND	0.0050	mg/Kg	1.00	04/23/2001 14:41	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/23/2001 14:41	
Xylene(s)	ND	0.0050	mg/Kg	1.00	04/23/2001 14:41	
Surrogate(s)						
Trifluorotoluene	82.7	53-125	%	1.00	04/23/2001 14:41	
4-Bromofluorobenzene-FID	73.4	58-124	%	1.00	04/23/2001 14:41	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn.: Mark Arniola

Prep Method: 5030

Gas/BTEX

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/20/2001 16:24
Matrix: Soil	QC-Batch: 2001/04/20-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/20/2001 16:24	
Benzene	0.0054	0.0050	mg/Kg	1.00	04/20/2001 16:24	
Toluene	ND	0.0050	mg/Kg	1.00	04/20/2001 16:24	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/20/2001 16:24	
Xylene(s)	ND	0.0050	mg/Kg	1.00	04/20/2001 16:24	
Surrogate(s)						
Trifluorotoluene	68.9	53-125	%	1.00	04/20/2001 16:24	
4-Bromofluorobenzene-FID	58.7	58-124	%	1.00	04/20/2001 16:24	

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To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn.: Mark Arniola

Prep Method: 5030

Gas/BTEX

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/23/2001 14:13
Matrix: Soil	QC-Batch: 2001/04/23-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	1.3	1.0	mg/Kg	1.00	04/23/2001 14:13	g
Benzene	ND	0.0050	mg/Kg	1.00	04/23/2001 14:13	
Toluene	ND	0.0050	mg/Kg	1.00	04/23/2001 14:13	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/23/2001 14:13	
Xylene(s)	ND	0.0050	mg/Kg	1.00	04/23/2001 14:13	
Surrogate(s)						
Trifluorotoluene	109.9	53-125	%	1.00	04/23/2001 14:13	
4-Bromofluorobenzene-FID	76.5	58-124	%	1.00	04/23/2001 14:13	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8015M

8020

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report Gas/BTEX

Method Blank	Soil	QC Batch # 2001/04/20-01.01
MB: 2001/04/20-01.01-006		Date Extracted: 04/20/2001 10:52

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	04/20/2001 10:52	
Benzene	ND	0.0050	mg/Kg	04/20/2001 10:52	
Toluene	ND	0.0050	mg/Kg	04/20/2001 10:52	
Ethyl benzene	ND	0.0050	mg/Kg	04/20/2001 10:52	
Xylene(s)	ND	0.0050	mg/Kg	04/20/2001 10:52	
Surrogate(s)					
Trifluorotoluene	115.1	53-125	%	04/20/2001 10:52	
4-Bromofluorobenzene-FID	76.7	58-124	%	04/20/2001 10:52	

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To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank	Soil	QC Batch # 2001/04/23-01.04
MB: 2001/04/23-01.04-004		Date Extracted: 04/23/2001 08:34

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	04/23/2001 08:34	
Benzene	ND	0.0050	mg/Kg	04/23/2001 08:34	
Toluene	ND	0.0050	mg/Kg	04/23/2001 08:34	
Ethyl benzene	ND	0.0050	mg/Kg	04/23/2001 08:34	
Xylene(s)	ND	0.0050	mg/Kg	04/23/2001 08:34	
Surrogate(s)					
Trifluorotoluene	106.7	53-125	%	04/23/2001 08:34	
4-Bromofluorobenzene-FID	94.5	58-124	%	04/23/2001 08:34	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8020

Attn: Mark Amiola

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/20-01.01
LCS: 2001/04/20-01.01-007	Extracted: 04/20/2001 11:25	Analyzed 04/20/2001 11:25
LCSD: 2001/04/20-01.01-008	Extracted: 04/20/2001 11:58	Analyzed 04/20/2001 11:58

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	0.117	0.0912	0.1000	0.1000	117.0	91.2	24.8	77-123	35		
Toluene	0.117	0.0886	0.1000	0.1000	117.0	88.6	27.6	78-122	35		
Ethyl benzene	0.111	0.0884	0.1000	0.1000	111.0	88.4	22.7	70-130	35		
Xylene(s)	0.342	0.267	0.300	0.300	114.0	89.0	24.6	75-125	35		
Surrogate(s)											
Trifluorotoluene	614	511	500	500	122.8	102.2		53-125			

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To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn: Mark Arniola

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/20-01.01
LCS: 2001/04/20-01.01-009	Extracted: 04/20/2001 12:30	Analyzed 04/20/2001 12:30
LCSD: 2001/04/20-01.01-010	Extracted: 04/20/2001 13:03	Analyzed 04/20/2001 13:03

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	0.448	0.422	0.500	0.500	89.6	84.4	6.0	75-125	35		
Surrogate(s) 4-Bromofluorobenzene-FI	297	300	500	500	59.4	60.0		58-124			

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8020

Attn: Mark Arniola

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/23-01.04
LCS: 2001/04/23-01.04-005	Extracted: 04/23/2001 09:02	Analyzed 04/23/2001 09:02
LCSD: 2001/04/23-01.04-006	Extracted: 04/23/2001 09:29	Analyzed 04/23/2001 09:29

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]			RPD		Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	RPD	Recovery	RPD	LCS	LCSD		
Benzene	0.111	0.104	0.1000	0.1000	111.0	104.0	6.5	77-123	35				
Toluene	0.105	0.0992	0.1000	0.1000	105.0	99.2	5.7	78-122	35				
Ethyl benzene	0.105	0.0992	0.1000	0.1000	105.0	99.2	5.7	70-130	35				
Xylene(s)	0.325	0.307	0.300	0.300	108.3	102.3	5.7	75-125	35				
Surrogate(s)													
Trifluorotoluene	575	540	500	500	115.0	108.0		53-125					

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To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn: Mark Arniola

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/23-01.04	
LCS:	2001/04/23-01.04-007	Extracted:	04/23/2001 09:57	Analyzed	04/23/2001 09:57
LCSD:	2001/04/23-01.04-008	Extracted:	04/23/2001 10:24	Analyzed	04/23/2001 10:24

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	0.431	0.440	0.500	0.500	86.2	88.0	2.1	75-125	35		
Surrogate(s)											
4-Bromofluorobenzene-FI	503	510	500	500	100.6	102.0		58-124			

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8020
 Prep Method: 5030

Batch QC Report
 Gas/BTEX

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2001/04/20-01.01**
 Sample ID: **SS-5 @ 0-0.5** Lab Sample ID: 2001-04-0364-009
 MS: 2001/04/20-01.01-018 Extracted: 04/20/2001 18:02 Analyzed: 04/20/2001 18:02 Dilution: 1.0
 MSD: 2001/04/20-01.01-019 Extracted: 04/20/2001 18:34 Analyzed: 04/20/2001 18:34 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]			RPD		Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	MSD	MSD	Recovery	RPD	MS	MSD	
Benzene	0.0630	0.0743	0.00540	0.0891	0.0883	64.6	84.1	26.2		65-135	35	mso		
Toluene	0.0566	0.0710	ND	0.0891	0.0883	63.5	80.4	23.5		65-135	35	mso		
Ethyl benzene	0.0544	0.0666	ND	0.0891	0.0883	61.1	75.4	21.0		65-135	35	mso		
Xylene(s)	0.165	0.202	?	0.292	0.265	56.5	76.2	29.7		65-135	35	mso		
Surrogate(s)														
Trifluorotoluene	389	399		500	500	77.8	79.8			53-125				

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report

Gas/BTEX

Matrix Spike (MS / MSD)

Soil

QC Batch # 2001/04/20-01.01

Sample ID: **SS-5 @ 0-0.5**

Lab Sample ID: 2001-04-0364-009

MS: 2001/04/20-01.01-020 Extracted: 04/20/2001 19:07 Analyzed: 04/20/2001 19:07 Dilution: 1.0

MSD: 2001/04/20-01.01-021 Extracted: 04/20/2001 19:40 Analyzed: 04/20/2001 19:40 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Gasoline	0.388	0.472	ND	0.460	0.470	84.3	100.4	17.4	65-135	35		
Surrogate(s)												
Trifluorotoluene-FID	344	410		500	500	68.8	82.0		53-125			

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To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn: Mark Arniola

Prep Method: 5030

Legend & Notes

Gas/BTEX

QC Compound Flags

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

Analyte Flags

9

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Gas/BTEX (High Level)

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-4 @ 2.5-3	Soil	04/16/2001 13:00	8

To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn.: Mark Arniola

Prep Method: 5030AEXT

Gas/BTEX (High Level)

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/23/2001 14:48
Matrix: Soil	QC-Batch: 2001/04/23-05.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	66	10	mg/Kg	1.00	04/24/2001 14:48	g
Benzene	ND	0.62	mg/Kg	1.00	04/24/2001 14:48	
Toluene	ND	0.62	mg/Kg	1.00	04/24/2001 14:48	
Ethyl benzene	ND	0.62	mg/Kg	1.00	04/24/2001 14:48	
Xylene(s)	ND	0.62	mg/Kg	1.00	04/24/2001 14:48	
Surrogate(s)						
Trifluorotoluene	96.9	53-125	%	1.00	04/24/2001 14:48	
Trifluorotoluene-FID	105.4	53-125	%	1.00	04/24/2001 14:48	

To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn.: Mark Arniola

Prep Method: 5030AEXT

Batch QC Report
Gas/BTEX (High Level)

Method Blank	Soil	QC Batch # 2001/04/23-05.01
MB: 2001/04/23-05.01-001		Date Extracted: 04/23/2001 16:40

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	10	mg/Kg	04/23/2001 16:40	
Benzene	ND	0.62	mg/Kg	04/23/2001 16:40	
Toluene	ND	0.62	mg/Kg	04/23/2001 16:40	
Ethyl benzene	ND	0.62	mg/Kg	04/23/2001 16:40	
Xylene(s)	ND	0.62	mg/Kg	04/23/2001 16:40	
Surrogate(s)					
Trifluorotoluene	100.0	53-125	%	04/23/2001 16:40	
4-Bromofluorobenzene-FID	110.0	58-124	%	04/23/2001 16:40	

To: **Lowney & Associates Oakland**
 Attn: Mark Arniola

Test Method: 8020
 Prep Method: 5030AEXT

Batch QC Report

Gas/BTEX (High Level)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/23-05.01
LCS: 2001/04/23-05.01-002	Extracted: 04/23/2001 17:13	Analyzed 04/23/2001 17:13
LCSD: 2001/04/23-05.01-003	Extracted: 04/23/2001 17:45	Analyzed 04/23/2001 17:45

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%] RPD			Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Benzene	0.131	0.129	0.125	0.125	104.8	103.2	1.5	77-123	35		
Toluene	0.134	0.131	0.125	0.125	107.2	104.8	2.3	78-122	35		
Ethyl benzene	0.130	0.128	0.125	0.125	104.0	102.4	1.6	70-130	35		
Xylene(s)	0.402	0.394	0.375	0.375	107.2	105.1	2.0	75-125	35		
Surrogate(s)											
Trifluorotoluene	581	577	500	500	116.2	115.4		53-125			

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8015M

Attn: Mark Arniola

Prep Method: 5030AEXT

Batch QC Report

Gas/BTEX (High Level)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/23-05.01
LCS: 2001/04/23-05.01-004	Extracted: 04/23/2001 09:52	Analyzed 04/24/2001 09:52
LCSD: 2001/04/23-05.01-005	Extracted: 04/23/2001 10:20	Analyzed 04/24/2001 10:20

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%] RPD			Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	RPD [%]	Recovery	RPD	LCS	LCSD
Gasoline	0.643	0.650	0.625	0.625	102.9	104.0	1.1	75-125	35		
Surrogate(s)											
4-Bromofluorobenzene-FI	534	521	500	500	106.8	104.2		58-124			

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To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn: Mark Arniola

Prep Method: 5030AEXT

Legend & Notes

Gas/BTEX (High Level)

Analyte Flags

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Organochlorine Pesticides & PCBs (8081/8082)

Lowney & Associates Oakland

✉ 129 Filbert Street
Oakland, Ca 94607

Attn: Mark Arniola

Phone: (510) 267-1970 Fax: (510) 267-1972

Project #: 1424-4

Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-2 @ 0-0.5	Soil	04/16/2001 13:00	5
SS-2 @ 2.5-3	Soil	04/16/2001 13:00	6
SS-4 @ 0-0.5	Soil	04/16/2001 13:00	7
SS-4 @ 2.5-3	Soil	04/16/2001 13:00	8
SS-5 @ 0-0.5	Soil	04/16/2001 14:00	9
SS-5 @ 2.5-3	Soil	04/16/2001 14:00	10
SS-8 @ 0-0.5	Soil	04/16/2001 14:00	11
SS-8 @ 2.5-3	Soil	04/16/2001 14:00	12
SS-9 @ 0-0.5	Soil	04/16/2001 15:00	13
SS-9 @ 2.5-3	Soil	04/16/2001 15:00	14
SS-11 @ 0-0.5	Soil	04/16/2001 16:00	16
SS-11 @ 2.5-3	Soil	04/16/2001 16:00	17

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-2 @ 0-0.5	Lab Sample ID: 2001-04-0364-005
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13
Sample/Analysis Flag Irr (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Dieldrin	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Endrin aldehyde	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Endrin	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Endrin ketone	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Heptachlor	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Heptachlor epoxide	ND	10	ug/Kg	5.00	04/20/2001 09:16	
4,4'-DDT	ND	10	ug/Kg	5.00	04/20/2001 09:16	
4,4'-DDE	ND	10	ug/Kg	5.00	04/20/2001 09:16	
4,4'-DDD	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Endosulfan I	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Endosulfan II	ND	10	ug/Kg	5.00	04/20/2001 09:16	
alpha-BHC	ND	10	ug/Kg	5.00	04/20/2001 09:16	
beta-BHC	ND	10	ug/Kg	5.00	04/20/2001 09:16	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	04/20/2001 09:16	
delta-BHC	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Endosulfan sulfate	ND	10	ug/Kg	5.00	04/20/2001 09:16	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Chlordane (Technical)	ND	250	ug/Kg	5.00	04/20/2001 09:16	
alpha-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 09:16	
gamma-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 09:16	
Toxaphene	ND	500	ug/Kg	5.00	04/20/2001 09:16	
Aroclor 1016	ND	250	ug/Kg	5.00	04/20/2001 09:16	
Aroclor 1221	ND	250	ug/Kg	5.00	04/20/2001 09:16	
Aroclor 1232	ND	250	ug/Kg	5.00	04/20/2001 09:16	
Aroclor 1242	ND	250	ug/Kg	5.00	04/20/2001 09:16	
Aroclor 1248	ND	250	ug/Kg	5.00	04/20/2001 09:16	
Aroclor 1254	ND	250	ug/Kg	5.00	04/20/2001 09:16	
Aroclor 1260	ND	250	ug/Kg	5.00	04/20/2001 09:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.0	50-125	%	5.00	04/20/2001 09:16	
Decachlorobiphenyl (Pest/8081)	80.7	46-142	%	5.00	04/20/2001 09:16	

1220 Quarry Lane * Pleasanton, CA 94566-4756
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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-2 @ 0-0.5	Lab Sample ID: 2001-04-0364-005
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:21
Matrix: Soil	QC-Batch: 2001/04/19-01.13
Sample/Analysis Flag Im (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.4	50-125	%	5.00	04/20/2001 09:16	
Decachlorobiphenyl (PCB/8082)	71.7	46-142	%	5.00	04/20/2001 09:16	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Amiola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-2 @ 2.5-3	Lab Sample ID: 2001-04-0364-006
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Dieldrin	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Endrin	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Heptachlor	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
beta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
delta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/20/2001 21:53	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 21:53	
Toxaphene	ND	100	ug/Kg	1.00	04/20/2001 21:53	
Aroclor 1016	ND	50	ug/Kg	1.00	04/19/2001 19:50	
Aroclor 1221	ND	50	ug/Kg	1.00	04/19/2001 19:50	
Aroclor 1232	ND	50	ug/Kg	1.00	04/19/2001 19:50	
Aroclor 1242	ND	50	ug/Kg	1.00	04/19/2001 19:50	
Aroclor 1248	ND	50	ug/Kg	1.00	04/19/2001 19:50	
Aroclor 1254	ND	50	ug/Kg	1.00	04/19/2001 19:50	
Aroclor 1260	ND	50	ug/Kg	1.00	04/19/2001 19:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	75.5	50-125	%	1.00	04/20/2001 21:53	
Decachlorobiphenyl (Pest/8081)	78.1	46-142	%	1.00	04/20/2001 21:53	
2,4,5,6-Tetrachloro-m-xylene	88.8	50-125	%	1.00	04/19/2001 19:50	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-2 @ 2.5-3	Lab Sample ID: 2001-04-0364-006
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:21
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	82.0	46-142	%	1.00	04/19/2001 19:50	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Dieldrin	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Endrin	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Heptachlor	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
beta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
delta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/20/2001 22:25	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 22:25	
Toxaphene	ND	100	ug/Kg	1.00	04/20/2001 22:25	
Aroclor 1016	ND	50	ug/Kg	1.00	04/19/2001 20:22	
Aroclor 1221	ND	50	ug/Kg	1.00	04/19/2001 20:22	
Aroclor 1232	ND	50	ug/Kg	1.00	04/19/2001 20:22	
Aroclor 1242	ND	50	ug/Kg	1.00	04/19/2001 20:22	
Aroclor 1248	ND	50	ug/Kg	1.00	04/19/2001 20:22	
Aroclor 1254	ND	50	ug/Kg	1.00	04/19/2001 20:22	
Aroclor 1260	ND	50	ug/Kg	1.00	04/19/2001 20:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	74.2	50-125	%	1.00	04/20/2001 22:25	
Decachlorobiphenyl (Pest/8081)	76.7	46-142	%	1.00	04/20/2001 22:25	
2,4,5,6-Tetrachloro-m-xylene	91.2	50-125	%	1.00	04/19/2001 20:22	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:21
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	83.6	46-142	%	1.00	04/19/2001 20:22	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Sample/Analysis Flag In (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Dieldrin	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Endrin aldehyde	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Endrin	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Endrin ketone	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Heptachlor	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Heptachlor epoxide	ND	10	ug/Kg	5.00	04/20/2001 10:49	
4,4'-DDT	ND	10	ug/Kg	5.00	04/20/2001 10:49	
4,4'-DDE	ND	10	ug/Kg	5.00	04/20/2001 10:49	
4,4'-DDD	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Endosulfan I	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Endosulfan II	ND	10	ug/Kg	5.00	04/20/2001 10:49	
alpha-BHC	ND	10	ug/Kg	5.00	04/20/2001 10:49	
beta-BHC	ND	10	ug/Kg	5.00	04/20/2001 10:49	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	04/20/2001 10:49	
delta-BHC	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Endosulfan sulfate	ND	10	ug/Kg	5.00	04/20/2001 10:49	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Chlordane (Technical)	ND	250	ug/Kg	5.00	04/20/2001 10:49	
alpha-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 10:49	
gamma-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 10:49	
Toxaphene	ND	500	ug/Kg	5.00	04/20/2001 10:49	
Aroclor 1016	ND	50	ug/Kg	1.00	04/19/2001 20:55	
Aroclor 1221	ND	50	ug/Kg	1.00	04/19/2001 20:55	
Aroclor 1232	ND	50	ug/Kg	1.00	04/19/2001 20:55	
Aroclor 1242	ND	50	ug/Kg	1.00	04/19/2001 20:55	
Aroclor 1248	ND	50	ug/Kg	1.00	04/19/2001 20:55	
Aroclor 1254	ND	50	ug/Kg	1.00	04/19/2001 20:55	
Aroclor 1260	ND	50	ug/Kg	1.00	04/19/2001 20:55	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	73.3	50-125	%	5.00	04/20/2001 10:49	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Sample/Analysis Flag In (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Decachlorobiphenyl (Pest/8081)	95.0	46-142	%	5.00	04/20/2001 10:49	
2,4,5,6-Tetrachloro-m-xylene	63.9	50-125	%	1.00	04/19/2001 20:55	
Decachlorobiphenyl (PCB/8082)	80.1	46-142	%	1.00	04/19/2001 20:55	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID:	SS-5 @ 0-0.5	Lab Sample ID:	2001-04-0364-009
Project:	1424-4 Liquid Sugar	Received:	04/17/2001 18:40
Sampled:	04/16/2001 14:00	Extracted:	04/19/2001 10:48
Matrix:	Soil	QC-Batch:	2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Dieldrin	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Endrin	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Heptachlor	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
beta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
delta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/20/2001 22:56	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 22:56	
Toxaphene	ND	100	ug/Kg	1.00	04/20/2001 22:56	
Aroclor 1016	ND	50	ug/Kg	1.00	04/19/2001 21:28	
Aroclor 1221	ND	50	ug/Kg	1.00	04/19/2001 21:28	
Aroclor 1232	ND	50	ug/Kg	1.00	04/19/2001 21:28	
Aroclor 1242	ND	50	ug/Kg	1.00	04/19/2001 21:28	
Aroclor 1248	ND	50	ug/Kg	1.00	04/19/2001 21:28	
Aroclor 1254	ND	50	ug/Kg	1.00	04/19/2001 21:28	
Aroclor 1260	ND	50	ug/Kg	1.00	04/19/2001 21:28	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	84.0	50-125	%	1.00	04/20/2001 22:56	
Decachlorobiphenyl (Pest/8081)	80.8	46-142	%	1.00	04/20/2001 22:56	
2,4,5,6-Tetrachloro-m-xylene	93.3	50-125	%	1.00	04/19/2001 21:28	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/19/2001 10:21 QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Matrix: Soil	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	87.1	46-142	%	1.00	04/19/2001 21:28	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Dieldrin	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Endrin	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Heptachlor	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
beta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
delta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/20/2001 23:27	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 23:27	
Toxaphene	ND	100	ug/Kg	1.00	04/20/2001 23:27	
Aroclor 1016	ND	50	ug/Kg	1.00	04/19/2001 22:00	
Aroclor 1221	ND	50	ug/Kg	1.00	04/19/2001 22:00	
Aroclor 1232	ND	50	ug/Kg	1.00	04/19/2001 22:00	
Aroclor 1242	ND	50	ug/Kg	1.00	04/19/2001 22:00	
Aroclor 1248	ND	50	ug/Kg	1.00	04/19/2001 22:00	
Aroclor 1254	ND	50	ug/Kg	1.00	04/19/2001 22:00	
Aroclor 1260	ND	50	ug/Kg	1.00	04/19/2001 22:00	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	60.7	50-125	%	1.00	04/20/2001 23:27	
Decachlorobiphenyl (Pest/8081)	57.1	46-142	%	1.00	04/20/2001 23:27	
2,4,5,6-Tetrachloro-m-xylene	70.5	50-125	%	1.00	04/19/2001 22:00	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/19/2001 10:21
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	63.2	46-142	%	1.00	04/19/2001 22:00	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Amiola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-8 @ 0-0.5	Lab Sample ID: 2001-04-0364-011
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Dieldrin	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Endrin	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Heptachlor	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
beta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
delta-BHC	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/20/2001 23:58	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/20/2001 23:58	
Toxaphene	ND	100	ug/Kg	1.00	04/20/2001 23:58	
Aroclor 1016	ND	50	ug/Kg	1.00	04/19/2001 22:33	
Aroclor 1221	ND	50	ug/Kg	1.00	04/19/2001 22:33	
Aroclor 1232	ND	50	ug/Kg	1.00	04/19/2001 22:33	
Aroclor 1242	ND	50	ug/Kg	1.00	04/19/2001 22:33	
Aroclor 1248	ND	50	ug/Kg	1.00	04/19/2001 22:33	
Aroclor 1254	ND	50	ug/Kg	1.00	04/19/2001 22:33	
Aroclor 1260	ND	50	ug/Kg	1.00	04/19/2001 22:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.7	50-125	%	1.00	04/20/2001 23:58	
Decachlorobiphenyl (Pest/8081)	74.0	46-142	%	1.00	04/20/2001 23:58	
2,4,5,6-Tetrachloro-m-xylene	87.2	50-125	%	1.00	04/19/2001 22:33	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-8 @ 0-0.5	Lab Sample ID: 2001-04-0364-011
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/19/2001 10:21 QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Matrix: Soil	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	80.4	46-142	%	1.00	04/19/2001 22:33	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-8 @ 2.5-3	Lab Sample ID: 2001-04-0364-012
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 00:29	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 00:29	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 00:29	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 00:02	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 00:02	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 00:02	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 00:02	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 00:02	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 00:02	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 00:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.1	50-125	%	1.00	04/21/2001 00:29	
Decachlorobiphenyl (Pest/8081)	77.3	46-142	%	1.00	04/21/2001 00:29	
2,4,5,6-Tetrachloro-m-xylene	91.9	50-125	%	1.00	04/24/2001 00:02	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-8 @ 2.5-3	Lab Sample ID: 2001-04-0364-012
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/19/2001 10:21 QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Matrix: Soil	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	82.0	46-142	%	1.00	04/24/2001 00:02	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-9 @ 0-0.5	Lab Sample ID: 2001-04-0364-013
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Sample/Analysis Flag Irr (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Dieldrin	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Endrin aldehyde	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Endrin	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Endrin ketone	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Heptachlor	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Heptachlor epoxide	ND	10	ug/Kg	5.00	04/20/2001 11:25	
4,4'-DDT	ND	10	ug/Kg	5.00	04/20/2001 11:25	
4,4'-DDE	ND	10	ug/Kg	5.00	04/20/2001 11:25	
4,4'-DDD	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Endosulfan I	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Endosulfan II	ND	10	ug/Kg	5.00	04/20/2001 11:25	
alpha-BHC	ND	10	ug/Kg	5.00	04/20/2001 11:25	
beta-BHC	ND	10	ug/Kg	5.00	04/20/2001 11:25	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	04/20/2001 11:25	
delta-BHC	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Endosulfan sulfate	ND	10	ug/Kg	5.00	04/20/2001 11:25	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Chlordane (Technical)	ND	250	ug/Kg	5.00	04/20/2001 11:25	
alpha-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 11:25	
gamma-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 11:25	
Toxaphene	ND	500	ug/Kg	5.00	04/20/2001 11:25	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 00:31	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 00:31	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 00:31	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 00:31	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 00:31	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 00:31	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 00:31	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	76.8	50-125	%	5.00	04/20/2001 11:25	

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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-9 @ 0-0.5	Lab Sample ID: 2001-04-0364-013
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Sample/Analysis Flag Im (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Decachlorobiphenyl (Pest/8081)	80.0	46-142	%	5.00	04/20/2001 11:25	
2,4,5,6-Tetrachloro-m-xylene	94.7	50-125	%	1.00	04/24/2001 00:31	
Decachlorobiphenyl (PCB/8082)	75.1	46-142	%	1.00	04/24/2001 00:31	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-9 @ 2.5-3	Lab Sample ID: 2001-04-0364-014
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13
Sample/Analysis Flag In (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Dieldrin	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Endrin aldehyde	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Endrin	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Endrin ketone	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Heptachlor	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Heptachlor epoxide	ND	10	ug/Kg	5.00	04/20/2001 11:56	
4,4'-DDT	ND	10	ug/Kg	5.00	04/20/2001 11:56	
4,4'-DDE	ND	10	ug/Kg	5.00	04/20/2001 11:56	
4,4'-DDD	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Endosulfan I	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Endosulfan II	ND	10	ug/Kg	5.00	04/20/2001 11:56	
alpha-BHC	ND	10	ug/Kg	5.00	04/20/2001 11:56	
beta-BHC	ND	10	ug/Kg	5.00	04/20/2001 11:56	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	04/20/2001 11:56	
delta-BHC	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Endosulfan sulfate	ND	10	ug/Kg	5.00	04/20/2001 11:56	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Chlordane (Technical)	ND	250	ug/Kg	5.00	04/20/2001 11:56	
alpha-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 11:56	
gamma-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 11:56	
Toxaphene	ND	500	ug/Kg	5.00	04/20/2001 11:56	
Aroclor 1016	ND	500	ug/Kg	10.00	04/24/2001 15:07	
Aroclor 1221	ND	500	ug/Kg	10.00	04/24/2001 15:07	
Aroclor 1232	ND	500	ug/Kg	10.00	04/24/2001 15:07	
Aroclor 1242	ND	500	ug/Kg	10.00	04/24/2001 15:07	
Aroclor 1248	ND	500	ug/Kg	10.00	04/24/2001 15:07	
Aroclor 1254	ND	500	ug/Kg	10.00	04/24/2001 15:07	
Aroclor 1260	ND	500	ug/Kg	10.00	04/24/2001 15:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.7	50-125	%	5.00	04/20/2001 11:56	
Decachlorobiphenyl (Pest/8081)	81.6	46-142	%	5.00	04/20/2001 11:56	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-9 @ 2.5-3	Lab Sample ID: 2001-04-0364-014
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/19/2001 10:21
Matrix: Soil	QC-Batch: 2001/04/19-01.13
Sample/Analysis Flag Im (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	04/24/2001 15:07	sd
Decachlorobiphenyl (PCB/8082)	NA	46-142	%	10.00	04/24/2001 15:07	sd

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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-11 @ 0-0.5	Lab Sample ID: 2001-04-0364-016
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 00:59	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 00:59	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 00:59	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 01:27	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 01:27	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 01:27	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 01:27	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 01:27	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 01:27	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 01:27	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.3	50-125	%	1.00	04/21/2001 00:59	
Decachlorobiphenyl (Pest/8081)	81.7	46-142	%	1.00	04/21/2001 00:59	
2,4,5,6-Tetrachloro-m-xylene	90.1	50-125	%	1.00	04/24/2001 01:27	

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Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID:	SS-11 @ 0-0.5	Lab Sample ID:	2001-04-0364-016
Project:	1424-4 Liquid Sugar	Received:	04/17/2001 18:40
Sampled:	04/16/2001 16:00	Extracted:	04/19/2001 10:21
Matrix:	Soil	QC-Batch:	2001/04/19-01.13 2001/04/19-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	85.4	46-142	%	1.00	04/24/2001 01:27	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-11 @ 2.5-3	Lab Sample ID: 2001-04-0364-017
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Sample/Analysis Flag Irr (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Dieldrin	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Endrin aldehyde	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Endrin	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Endrin ketone	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Heptachlor	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Heptachlor epoxide	ND	10	ug/Kg	5.00	04/20/2001 12:58	
4,4'-DDT	ND	10	ug/Kg	5.00	04/20/2001 12:58	
4,4'-DDE	ND	10	ug/Kg	5.00	04/20/2001 12:58	
4,4'-DDD	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Endosulfan I	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Endosulfan II	ND	10	ug/Kg	5.00	04/20/2001 12:58	
alpha-BHC	ND	10	ug/Kg	5.00	04/20/2001 12:58	
beta-BHC	ND	10	ug/Kg	5.00	04/20/2001 12:58	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	04/20/2001 12:58	
delta-BHC	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Endosulfan sulfate	ND	10	ug/Kg	5.00	04/20/2001 12:58	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Chlordane (Technical)	ND	250	ug/Kg	5.00	04/20/2001 12:58	
alpha-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 12:58	
gamma-Chlordane	ND	10	ug/Kg	5.00	04/20/2001 12:58	
Toxaphene	ND	500	ug/Kg	5.00	04/20/2001 12:58	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 01:56	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 01:56	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 01:56	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 01:56	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 01:56	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 01:56	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 01:56	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	72.0	50-125	%	5.00	04/20/2001 12:58	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-11 @ 2.5-3	Lab Sample ID: 2001-04-0364-017
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 16:00	Extracted: 04/19/2001 10:48
Matrix: Soil	QC-Batch: 2001/04/19-01.13 2001/04/19-01.14
Sample/Analysis Flag Im (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Decachlorobiphenyl (Pest/8081)	81.1	46-142	%	5.00	04/20/2001 12:58	
2,4,5,6-Tetrachloro-m-xylene	82.9	50-125	%	1.00	04/24/2001 01:56	
Decachlorobiphenyl (PCB/8082)	70.9	46-142	%	1.00	04/24/2001 01:56	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8082
Prep Method: 3550/8082

Batch QC Report
Organochlorine Pesticides & PCBs (8081/8082)

Method Blank	Soil	QC Batch # 2001/04/19-01.14
MB: 2001/04/19-01.14-001		Date Extracted: 04/19/2001 10:21

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Aroclor 1016	ND	0.05	mg/Kg	04/19/2001 16:34	
Aroclor 1221	ND	0.05	mg/Kg	04/19/2001 16:34	
Aroclor 1232	ND	0.05	mg/Kg	04/19/2001 16:34	
Aroclor 1242	ND	0.05	mg/Kg	04/19/2001 16:34	
Aroclor 1248	ND	0.05	mg/Kg	04/19/2001 16:34	
Aroclor 1254	ND	0.05	mg/Kg	04/19/2001 16:34	
Aroclor 1260	ND	0.05	mg/Kg	04/19/2001 16:34	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	90.4	50-125	%	04/19/2001 16:34	
Decachlorobiphenyl (PCB/8082)	77.0	46-142	%	04/19/2001 16:34	

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To: **Lowney & Associates Oakland**

Test Method: 8081

Attn.: Mark Arniola

Prep Method: 3550/8081

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Method Blank	Soil	QC Batch # 2001/04/19-01.13
MB: 2001/04/19-01.13-001		Date Extracted: 01/01/2001

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	04/20/2001 06:41	
Dieldrin	ND	2.0	ug/Kg	04/20/2001 06:41	
Endrin aldehyde	ND	2.0	ug/Kg	04/20/2001 06:41	
Endrin	ND	2.0	ug/Kg	04/20/2001 06:41	
Endrin ketone	ND	2.0	ug/Kg	04/20/2001 06:41	
Heptachlor	ND	2.0	ug/Kg	04/20/2001 06:41	
Heptachlor epoxide	ND	2.0	ug/Kg	04/20/2001 06:41	
4,4'-DDT	ND	2.0	ug/Kg	04/20/2001 06:41	
4,4'-DDE	ND	2.0	ug/Kg	04/20/2001 06:41	
4,4'-DDD	ND	2.0	ug/Kg	04/20/2001 06:41	
Endosulfan I	ND	2.0	ug/Kg	04/20/2001 06:41	
Endosulfan II	ND	2.0	ug/Kg	04/20/2001 06:41	
alpha-BHC	ND	2.0	ug/Kg	04/20/2001 06:41	
beta-BHC	ND	2.0	ug/Kg	04/20/2001 06:41	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	04/20/2001 06:41	
delta-BHC	ND	2.0	ug/Kg	04/20/2001 06:41	
Endosulfan sulfate	ND	2.0	ug/Kg	04/20/2001 06:41	
4,4'-Methoxychlor	ND	2.0	ug/Kg	04/20/2001 06:41	
Toxaphene	ND	100	ug/Kg	04/20/2001 06:41	
Chlordane (Technical)	ND	50	ug/Kg	04/20/2001 06:41	
alpha-Chlordane	ND	2.0	ug/Kg	04/20/2001 06:41	
gamma-Chlordane	ND	2.0	ug/Kg	04/20/2001 06:41	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	81.8	50-125	%	04/20/2001 06:41	
Decachlorobiphenyl (Pest/8081)	73.6	46-142	%	04/20/2001 06:41	

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8082
Prep Method: 3550/8082

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/19-01.14
LCS: 2001/04/19-01.14-002	Extracted: 04/19/2001 10:21	Analyzed 04/19/2001 17:06
LCSD: 2001/04/19-01.14-003	Extracted: 04/19/2001 10:21	Analyzed 04/19/2001 17:39

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Aroclor 1016	0.0653	0.0711	0.0667	0.0667	97.9	106.6	8.5	65-135	30		
Aroclor 1260	0.0555	0.0621	0.0667	0.0667	83.2	93.1	11.2	65-135	30		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xyl	45.5	47.0	50	50	91.0	94.0		50-125			
Decachlorobiphenyl	36.6	40.6	50	50	73.2	81.2		46-142			

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8081
Prep Method: 3550/8081

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/19-01.13
LCS: 2001/04/19-01.13-002	Extracted: 01/01/2001	Analyzed 04/20/2001 07:12
LCSD: 2001/04/19-01.13-003	Extracted: 01/01/2001	Analyzed 04/20/2001 07:43

Compound	Conc. [ug/Kg]		Exp.Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Aldrin	12.8	12.5	16.7	16.7	76.6	74.9	2.2	37-136	25		
Dieldrin	13.7	13.4	16.7	16.7	82.0	80.2	2.2	58-135	35		
Endrin	14.2	13.9	16.7	16.7	85.0	83.2	2.1	58-134	35		
Heptachlor	13.3	13.1	16.7	16.7	79.6	78.4	1.5	40-136	20		
4,4'-DDT	14.7	14.3	16.7	16.7	88.0	85.6	2.8	55-132	35		
gamma-BHC (Lindane)	13.2	13.0	16.7	16.7	79.0	77.8	1.5	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xy	43.1	42.3	50	50	86.2	84.6		50-125			
Decachlorobiphenyl	40.4	39.4	50	50	80.8	78.8		46-142			

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8082

Attn.: Mark Arniola

Prep Method: 3550/8082

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/04/19-01.14
Sample ID: SS-2 @ 2.5-3		Lab Sample ID: 2001-04-0364-006
MS: 2001/04/19-01.14-004	Extracted: 04/19/2001 10:21	Analyzed: 04/19/2001 18:12 Dilution: 1.0
MSD: 2001/04/19-01.14-005	Extracted: 04/19/2001 10:21	Analyzed: 04/19/2001 18:44 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]			RPD		Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	RPD	Recovery	RPD	MS	MSD	MS	MSD
Aroclor 1016	0.0616	0.0636	ND	0.0663	0.0666	92.9	95.5	2.8	65-135	30				
Aroclor 1260	0.0591	0.0586	ND	0.0663	0.0666	89.1	88.0	1.2	65-135	30				
Surrogate(s)														
2,4,5,6-Tetrachloro-m-xy	43.4	41.5		50	50	86.8	83.0		50-125					
Decachlorobiphenyl	37.2	38.2		50	50	74.4	76.4		48-142					

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To: **Lowney & Associates Oakland**

Test Method: 8082
8081

Attn: Mark Arniola

Prep Method: 3550/8081
3550/8082

Legend & Notes

Organochlorine Pesticides & PCBs (8081/8082)

Analysis Flags

ln

Reporting limits raised due to high level of non-target analyte materials.

Analyte Flags

sd

Surrogate recovery not reportable due to required dilution.

pH

Lowney & Associates Oakland	☒ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-9 @ 3.5-4	Soil	04/16/2001 15:00	15

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 9045C
Prep Method: 9045C

pH

Sample ID: SS-9 @ 3.5-4	Lab Sample ID: 2001-04-0364-015
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 15:00	Extracted: 04/19/2001 09:30
Matrix: Soil	QC-Batch: 2001/04/19-01.22

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
pH	7.5	0.0	SU	1.00	04/19/2001 09:30	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 9040B
Prep Method: 9040B

Batch QC Report pH

Method Blank	Water	QC Batch # 2001/04/19-01.22
MB: 2001/04/19-01.22-001		Date Extracted: 04/19/2001 09:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
pH	7.03		SU	04/19/2001 09:30	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

TEPH w/ Silica Gel Clean-up

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Amiola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-1 @ 1-1.5	Soil	04/16/2001 13:00	4
SS-4 @ 0-0.5	Soil	04/16/2001 13:00	7
SS-4 @ 2.5-3	Soil	04/16/2001 13:00	8
SS-5 @ 0-0.5	Soil	04/16/2001 14:00	9
SS-5 @ 2.5-3	Soil	04/16/2001 14:00	10

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8015M
 Prep Method: 3550/8015M

TEPH w/ Silica Gel Clean-up

Sample ID: SS-1 @ 1-1.5	Lab Sample ID: 2001-04-0364-004
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 12:05
Matrix: Soil	QC-Batch: 2001/04/18-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2001 17:59	
Motor Oil	ND	50	mg/Kg	1.00	04/20/2001 17:59	
Surrogate(s) o-Terphenyl	92.3	60-130	%	1.00	04/20/2001 17:59	

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To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8015M
Prep Method: 3550/8015M

TEPH w/ Silica Gel Clean-up

Sample ID: SS-4 @ 0-0.5	Lab Sample ID: 2001-04-0364-007
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 12:05
Matrix: Soil	QC-Batch: 2001/04/18-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	3.3	1.0	mg/Kg	1.00	04/20/2001 17:19	ndp
Motor Oil	ND	50	mg/Kg	1.00	04/20/2001 17:19	
Surrogate(s) o-Terphenyl	88.9	60-130	%	1.00	04/20/2001 17:19	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8015M

Attn.: Mark Arniola

Prep Method: 3550/8015M

TEPH w/ Silica Gel Clean-up

Sample ID: SS-4 @ 2.5-3	Lab Sample ID: 2001-04-0364-008
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 13:00	Extracted: 04/18/2001 12:05
Matrix: Soil	QC-Batch: 2001/04/18-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	740	10	mg/Kg	10.00	04/23/2001 07:24	ndp
Motor Oil	ND	500	mg/Kg	10.00	04/23/2001 07:24	
Surrogate(s) o-Terphenyl	NA	60-130	%	10.00	04/23/2001 07:24	sd

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Printed on: 04/24/2001 10:58

Page 4 of 9

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8015M
 Prep Method: 3550/8015M

TEPH w/ Silica Gel Clean-up

Sample ID: SS-5 @ 0-0.5	Lab Sample ID: 2001-04-0364-009
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 12:05
Matrix: Soil	QC-Batch: 2001/04/18-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2001 16:39	
Motor Oil	ND	50	mg/Kg	1.00	04/20/2001 16:39	
Surrogate(s) o-Terphenyl	100.5	60-130	%	1.00	04/20/2001 16:39	

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To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8015M
Prep Method: 3550/8015M

TEPH w/ Silica Gel Clean-up

Sample ID: SS-5 @ 2.5-3	Lab Sample ID: 2001-04-0364-010
Project: 1424-4 Liquid Sugar	Received: 04/17/2001 18:40
Sampled: 04/16/2001 14:00	Extracted: 04/18/2001 12:05
Matrix: Soil	QC-Batch: 2001/04/18-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.0	1.0	mg/Kg	1.00	04/20/2001 15:59	ndp
Motor Oil	ND	50	mg/Kg	1.00	04/20/2001 15:59	
Surrogate(s) o-Terphenyl	88.3	60-130	%	1.00	04/20/2001 15:59	

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report
TEPH w/ Silica Gel Clean-up

Method Blank	Soil	QC Batch # 2001/04/18-02.10
MB: 2001/04/18-02.10-001		Date Extracted: 04/18/2001 12:05

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/18/2001 19:18	
Motor Oil	ND	50	mg/Kg	04/18/2001 19:18	
Surrogate(s) o-Terphenyl	84.0	60-130	%	04/18/2001 19:18	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0364

To: **Lowney & Associates Oakland**

Test Method: 8015M

Attn: Mark Arniola

Prep Method: 3550/8015M

Batch QC Report

TEPH w/ Silica Gel Clean-up

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/18-02.10
LCS: 2001/04/18-02.10-002	Extracted: 04/18/2001 12:05	Analyzed 04/18/2001 19:57
LCSD: 2001/04/18-02.10-003	Extracted: 04/18/2001 12:05	Analyzed 04/18/2001 20:37

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	33.0	33.6	41.7	41.7	79.1	80.6	1.9	60-130	25		
Surrogate(s) o-Terphenyl	18.1	18.6	20.0	20.0	90.5	93.0		60-130			

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To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8015M
Prep Method: 3550/8015M

Legend & Notes

TEPH w/ Silica Gel Clean-up

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

CHROMALAB

Change request received by: W

Date Requested: 4/23/01

SAMPLE STATUS CHANGE FORM				Requested by
Submission#	Client Samp.ID	Old Status Description	Description of Changes	(Client's name)
2001-04-0393	SS-10-05-0 SS-10-25-3 SS-12-0-05 SS-12-25-3		ADD 8260 8270 PNA	Laney Ow
↓	SS-13-0-05 SS-13-25-3		↓	↓
2001-04-0364	SS-11-0-05 SS-11-25-3			↓
Changes were done in lims by(login): <u>W</u> On: <u>4/23/01</u>				
CC: ___ Lab.Director ___ Dept.manager ___ Analyst ___ Proj.Manager				

CHAIN OF CUSTODY RECORD

2001-04-0364

Project Name: Liquid Sugar
 Job No.: 1424-4
 Report To: Mark Arnold
 Sampler (print): Ryan Barber
 Sampler (signature): [Signature]
 QC Requirement: Level A (standard)

Turnaround Requirements

- 5 Working Days
- 48 Hours
- 24 Hours
- 2-3 Hours RUSH
- _____

ANALYSES REQUESTED 58710

Sample I.D.	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX (8015/8020)	TPH as diesel (8015M) + Meteor silica gel column	TRPH (418.1) silica gel column	Halogenated VOCs (8910)-(8921 or 8260)	Organochlorine Pesticides (8081)	Metals - As, Hg, Pb, Cd (filter and preserve GW samples in lab)	Fuel Oxygenates (8260B)	PAHs (8310)	PCBs (8082)	Fuel Scan 8020/8015M (Purgeable and Extractable)	CAM 17 Metals	Semi Vocs (8270)	Remarks
EB-1W	4/16/01	9:30		Water	3				XX									
EB-2W		10:30		L	L				XX									
EB-4W		11:30		L	L				XX									
SS-1 1-1/2'		13:00		Soil	1	X	X		X									
SS-2 0-1/2'				L	L					XX								
L 2 1/2-3'				L	L					XX								
SS-4 0-1/2'				L	L	X	X		X	XX								
L 2 1/2-3'				L	L	X	X		X	XX								
SS-5 0-1/2'		14:00		L	L	X	X		X	XX								
L 2 1/2-3'				L	L	X	X		X	XX								
SS-8 0-1/2'				L	L					X								
L 2 1/2-3'				L	L					X								

Relinquished By: [Signature] Date: 4/17/01 Time: 11:45 AM Received By: [Signature] Date: 4/17/01 Time: 11:40 PM Initial: _____

Relinquished By: [Signature] Date: 4/17/01 Time: 18:40 Received By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____ Lab of Record: STL-CL Temp: _____

Received by Lab: Denise Harkington Date: 4/17/01 Time: 1840 4.7°C

1082

CHAIN OF CUSTODY RECORD

2001-04-0364

Project Name: Liquid Sugar
 Job No.: 1424-4
 Report To: Mark Arniola
 Sampler (print): Ryan Gerber
 Sampler (signature): Ryan Gerber
 QC Requirement: Level A (standard)

Turnaround Requirements

5 Working Days
 48 Hours
 24 Hours
 2-3 Hours RUSH

ANALYSES REQUESTED

Sample I.D.	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTHHS (8015/8020)	TPH as diesel (8015M) + Motor silica gel column	TRPH (418.1) silica gel column	Halogenated VOCs (8010) (8021 or 8260)	Organochlorine Pesticides (8081)	Metals - As, Hg, Pb, Cd (filer and preserve GW samples in lab)	Fuel Oxygenates (8260B)	PAHs (8310)	PCBs (8082)	Fuel Scan 8020/8015M (Purgeable and Extractable)	CAM 17 Metals	PH	PNA's (8270)	Remarks
SS-9 0-1/2'	4/10/01	15:00		Soil	1					X						X			
L 2 1/2-3										X						X			
L 3 1/2-4										X						X			
SS-11 0-1/2'		16:00								X						X			
L 2 1/2-3										X						X			
SS-14 1-1 1/2'										X						X			

Relinquished By: [Signature] Date: 4/17/01 Time: 11:45 AM Received By: [Signature] Date: 4/17/01 Time: 11:40 PM Initial: _____

Relinquished By: [Signature] Date: 4/17/01 Time: 1:40 Received By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____ Lab of Record: STL-CL Received by Lab: Denise Harrington Date: 4/17/01 Time: 1:40 Temp: _____

Lowney & Associates Oakland
129 Filbert Street
Oakland, Ca 94607

Attn.: Mr. Mark Arniola

Project: 1424-4
Liquid Sugar

Dear Mr. Arniola,

Attached is our report for your samples received on Wednesday April 18, 2001
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after June 2, 2001
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: vvancil@chromalab.com

Sincerely,



Vincent Vancil

Volatile Organic Compounds by 8260A

Lowney & Associates Oakland	☒ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB-3W	Water	04/17/2001 10:00	1
EB-5W	Water	04/17/2001 12:00	2

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-3W	Lab Sample ID: 2001-04-0393-001
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 10:00	Extracted: 04/24/2001 20:11
Matrix: Water	QC-Batch: 2001/04/24-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	04/24/2001 20:11	
Benzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Bromoform	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Bromomethane	ND	1.0	ug/L	1.00	04/24/2001 20:11	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Chlorobenzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Chloroethane	ND	1.0	ug/L	1.00	04/24/2001 20:11	
2-Butanone(MEK)	ND	50	ug/L	1.00	04/24/2001 20:11	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Chloroform	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Chloromethane	ND	1.0	ug/L	1.00	04/24/2001 20:11	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	04/24/2001 20:11	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Dibromomethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,1-Dichloroethane	2.9	0.50	ug/L	1.00	04/24/2001 20:11	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,1-Dichloroethene	26	0.50	ug/L	1.00	04/24/2001 20:11	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Ethylbenzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
2-Hexanone	ND	50	ug/L	1.00	04/24/2001 20:11	
Methylene chloride	ND	5.0	ug/L	1.00	04/24/2001 20:11	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	04/24/2001 20:11	
Naphthalene	ND	1.0	ug/L	1.00	04/24/2001 20:11	
Styrene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/24/2001 20:11	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-3W	Lab Sample ID: 2001-04-0393-001
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 10:00	Extracted: 04/24/2001 20:11
Matrix: Water	QC-Batch: 2001/04/24-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,1,1-Trichloroethane	1.6	0.50	ug/L	1.00	04/24/2001 20:11	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Trichloroethene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Vinyl acetate	ND	5.0	ug/L	1.00	04/24/2001 20:11	
Vinyl chloride	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Total xylenes	ND	1.0	ug/L	1.00	04/24/2001 20:11	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Carbon disulfide	ND	1.0	ug/L	1.00	04/24/2001 20:11	
Isopropylbenzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Bromobenzene	ND	0.50	ug/L	1.00	04/24/2001 20:11	
Bromochloromethane	ND	1.0	ug/L	1.00	04/24/2001 20:11	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	04/24/2001 20:11	
MTBE	ND	5.0	ug/L	1.00	04/24/2001 20:11	
Surrogate(s)						
4-Bromofluorobenzene	110.2	86-115	%	1.00	04/24/2001 20:11	
1,2-Dichloroethane-d4	105.7	76-114	%	1.00	04/24/2001 20:11	
Toluene-d8	97.5	88-110	%	1.00	04/24/2001 20:11	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-5W	Lab Sample ID: 2001-04-0393-002
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:00	Extracted: 04/24/2001 20:38
Matrix: Water	QC-Batch: 2001/04/24-01.07
Sample/Analysis Flag r/l (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	100	ug/L	2.00	04/24/2001 20:38	
Benzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Bromodichloromethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Bromoform	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Bromomethane	ND	2.0	ug/L	2.00	04/24/2001 20:38	
Carbon tetrachloride	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Chlorobenzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Chloroethane	ND	2.0	ug/L	2.00	04/24/2001 20:38	
2-Butanone(MEK)	ND	100	ug/L	2.00	04/24/2001 20:38	
2-Chloroethylvinyl ether	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Chloroform	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Chloromethane	ND	2.0	ug/L	2.00	04/24/2001 20:38	
Dibromochloromethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,2-Dichlorobenzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,3-Dichlorobenzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,4-Dichlorobenzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	2.00	04/24/2001 20:38	
1,2-Dibromoethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Dibromomethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Dichlorodifluoromethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,1-Dichloroethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,2-Dichloroethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,1-Dichloroethene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
cis-1,2-Dichloroethene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
trans-1,2-Dichloroethene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,2-Dichloropropane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
cis-1,3-Dichloropropene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
trans-1,3-Dichloropropene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Ethylbenzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
2-Hexanone	ND	100	ug/L	2.00	04/24/2001 20:38	
Methylene chloride	ND	10	ug/L	2.00	04/24/2001 20:38	
4-Methyl-2-pentanone (MIBK)	ND	100	ug/L	2.00	04/24/2001 20:38	
Naphthalene	ND	2.0	ug/L	2.00	04/24/2001 20:38	
Styrene	ND	1.0	ug/L	2.00	04/24/2001 20:38	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: EB-5W	Lab Sample ID: 2001-04-0393-002
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:00	Extracted: 04/24/2001 20:38
Matrix: Water	QC-Batch: 2001/04/24-01.07
Sample/Analysis Flag rl (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Tetrachloroethene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Toluene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,1,1-Trichloroethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,1,2-Trichloroethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Trichloroethene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Vinyl acetate	ND	10	ug/L	2.00	04/24/2001 20:38	
Vinyl chloride	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Total xylenes	ND	2.0	ug/L	2.00	04/24/2001 20:38	
Trichlorotrifluoroethane	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Carbon disulfide	ND	2.0	ug/L	2.00	04/24/2001 20:38	
Isopropylbenzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Bromobenzene	ND	1.0	ug/L	2.00	04/24/2001 20:38	
Bromochloromethane	ND	2.0	ug/L	2.00	04/24/2001 20:38	
Trichlorofluoromethane	ND	4.0	ug/L	2.00	04/24/2001 20:38	
MTBE	ND	10	ug/L	2.00	04/24/2001 20:38	
Surrogate(s)						
4-Bromofluorobenzene	106.7	86-115	%	2.00	04/24/2001 20:38	
1,2-Dichloroethane-d4	107.1	76-114	%	2.00	04/24/2001 20:38	
Toluene-d8	101.0	88-110	%	2.00	04/24/2001 20:38	

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Water	QC Batch # 2001/04/24-01.07
MB: 2001/04/24-01.07-004		Date Extracted: 04/24/2001 12:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/L	04/24/2001 12:30	
Benzene	ND	0.5	ug/L	04/24/2001 12:30	
Bromodichloromethane	ND	0.5	ug/L	04/24/2001 12:30	
Bromoform	ND	0.5	ug/L	04/24/2001 12:30	
Bromomethane	ND	1.0	ug/L	04/24/2001 12:30	
Carbon tetrachloride	ND	0.5	ug/L	04/24/2001 12:30	
Chlorobenzene	ND	0.5	ug/L	04/24/2001 12:30	
Chloroethane	ND	1.0	ug/L	04/24/2001 12:30	
2-Butanone(MEK)	ND	50	ug/L	04/24/2001 12:30	
2-Chloroethylvinyl ether	ND	0.5	ug/L	04/24/2001 12:30	
Chloroform	ND	0.5	ug/L	04/24/2001 12:30	
Chloromethane	ND	1.0	ug/L	04/24/2001 12:30	
Dibromochloromethane	ND	0.5	ug/L	04/24/2001 12:30	
1,2-Dichlorobenzene	ND	0.5	ug/L	04/24/2001 12:30	
1,3-Dichlorobenzene	ND	0.5	ug/L	04/24/2001 12:30	
1,4-Dichlorobenzene	ND	0.5	ug/L	04/24/2001 12:30	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	04/24/2001 12:30	
1,2-Dibromoethane	ND	0.5	ug/L	04/24/2001 12:30	
Dibromomethane	ND	0.5	ug/L	04/24/2001 12:30	
Dichlorodifluoromethane	ND	0.5	ug/L	04/24/2001 12:30	
1,1-Dichloroethane	ND	0.5	ug/L	04/24/2001 12:30	
1,2-Dichloroethane	ND	0.5	ug/L	04/24/2001 12:30	
1,1-Dichloroethene	ND	0.5	ug/L	04/24/2001 12:30	
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/24/2001 12:30	
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/24/2001 12:30	
1,2-Dichloropropane	ND	0.5	ug/L	04/24/2001 12:30	
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/24/2001 12:30	
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/24/2001 12:30	
Ethylbenzene	ND	0.5	ug/L	04/24/2001 12:30	
2-Hexanone	ND	50	ug/L	04/24/2001 12:30	
Methylene chloride	ND	5.0	ug/L	04/24/2001 12:30	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	04/24/2001 12:30	
Naphthalene	ND	1.0	ug/L	04/24/2001 12:30	
Styrene	ND	0.5	ug/L	04/24/2001 12:30	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/24/2001 12:30	
Tetrachloroethene	ND	0.5	ug/L	04/24/2001 12:30	
Toluene	ND	0.5	ug/L	04/24/2001 12:30	
1,1,1-Trichloroethane	ND	0.5	ug/L	04/24/2001 12:30	
1,1,2-Trichloroethane	ND	0.5	ug/L	04/24/2001 12:30	
Trichloroethene	ND	0.5	ug/L	04/24/2001 12:30	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	04/24/2001 12:30	
Vinyl acetate	ND	5.0	ug/L	04/24/2001 12:30	
Vinyl chloride	ND	0.5	ug/L	04/24/2001 12:30	

1220 Quarry Lane * Pleasanton, CA 94566-4756
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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Water	QC Batch # 2001/04/24-01.07
MB: 2001/04/24-01.07-004		Date Extracted: 04/24/2001 12:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Total xylenes	ND	1.0	ug/L	04/24/2001 12:30	
Trichlorotrifluoroethane	ND	0.5	ug/L	04/24/2001 12:30	
Carbon disulfide	ND	1.0	ug/L	04/24/2001 12:30	
Isopropylbenzene	ND	0.5	ug/L	04/24/2001 12:30	
Bromobenzene	ND	0.5	ug/L	04/24/2001 12:30	
Bromochloromethane	ND	1.0	ug/L	04/24/2001 12:30	
Trichlorofluoromethane	ND	2.0	ug/L	04/24/2001 12:30	
MTBE	ND	5.0	ug/L	04/24/2001 12:30	
Surrogate(s)					
4-Bromofluorobenzene	105.8	86-115	%	04/24/2001 12:30	
1,2-Dichloroethane-d4	107.5	76-114	%	04/24/2001 12:30	
Toluene-d8	104.3	88-110	%	04/24/2001 12:30	

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn: Mark Arniola

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2001/04/24-01.07	
LCS:	2001/04/24-01.07-002	Extracted:	04/24/2001 11:37	Analyzed	04/24/2001 11:37
LCSD:	2001/04/24-01.07-003	Extracted:	04/24/2001 12:03	Analyzed	04/24/2001 12:03

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	41.9	43.9	50.0	50.0	83.8	87.8	4.7	69-129	20		
Chlorobenzene	41.9	42.7	50.0	50.0	83.8	85.4	1.9	61-121	20		
1,1-Dichloroethene	45.2	47.1	50.0	50.0	90.4	94.2	4.1	65-125	20		
Toluene	43.7	45.4	50.0	50.0	87.4	90.8	3.8	70-130	20		
Trichloroethene	42.9	44.7	50.0	50.0	85.8	89.4	4.1	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	527	530	500	500	105.4	106.0		86-115			
1,2-Dichloroethane-d4	534	530	500	500	106.8	106.0		76-114			
Toluene-d8	503	511	500	500	100.6	102.2		88-110			

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Legend & Notes

Volatile Organic Compounds by 8260A

Analysis Flags

rl

Reporting limits raised due to reduced sample size.

Volatile Organic Compounds by 8260A

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-3, 2-2.5	Soil	04/17/2001 11:00	3
SS-6, 3-3.5	Soil	04/17/2001 11:00	6
SS-7, 0-0.5	Soil	04/17/2001 12:30	7
SS-7, 2.5-3	Soil	04/17/2001 12:30	8
SS-10, 0-0.5	Soil	04/17/2001 12:30	9
SS-10, 2.5-3	Soil	04/17/2001 12:30	10
SS-12, 0-0.5	Soil	04/17/2001 13:30	11
SS-12, 2.5-3	Soil	04/17/2001 13:30	12
SS-13, 0-0.5	Soil	04/17/2001 14:30	13
SS-13, 2.5-3	Soil	04/17/2001 14:30	14

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-3, 2-2.5	Lab Sample ID: 2001-04-0393-003
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/25/2001 17:24
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 17:24	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 17:24	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 17:24	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 17:24	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 17:24	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 17:24	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 17:24	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 17:24	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 17:24	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 17:24	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 17:24	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 17:24	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 17:24	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	

1220 Quarry Lane * Pleasanton, CA 94566-4756

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-3, 2-2.5	Lab Sample ID: 2001-04-0393-003
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/25/2001 17:24
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 17:24	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 17:24	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 17:24	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 17:24	
Surrogate(s)						
4-Bromofluorobenzene	110.9	74-121	%	1.00	04/25/2001 17:24	
1,2-Dichloroethane-d4	112.6	70-121	%	1.00	04/25/2001 17:24	
Toluene-d8	101.0	81-117	%	1.00	04/25/2001 17:24	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-6, 3-3.5	Lab Sample ID: 2001-04-0393-006
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/25/2001 19:39
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 19:39	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 19:39	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 19:39	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 19:39	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 19:39	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 19:39	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 19:39	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 19:39	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 19:39	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 19:39	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 19:39	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 19:39	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 19:39	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-6, 3-3.5	Lab Sample ID: 2001-04-0393-006
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/25/2001 19:39
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 19:39	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 19:39	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 19:39	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 19:39	
Surrogate(s)						
4-Bromofluorobenzene	93.6	74-121	%	1.00	04/25/2001 19:39	
1,2-Dichloroethane-d4	115.8	70-121	%	1.00	04/25/2001 19:39	
Toluene-d8	97.2	81-117	%	1.00	04/25/2001 19:39	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 20:06
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	70	50	ug/Kg	1.00	04/25/2001 20:06	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 20:06	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 20:06
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 20:06	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Surrogate(s)						
4-Bromofluorobenzene	95.2	74-121	%	1.00	04/25/2001 20:06	
1,2-Dichloroethane-d4	113.1	70-121	%	1.00	04/25/2001 20:06	
Toluene-d8	100.4	81-117	%	1.00	04/25/2001 20:06	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 18:04
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 18:04	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 18:04	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 18:04	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 18:04	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 18:04	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 18:04	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 18:04	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 18:04	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 18:04	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 18:04	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 18:04	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 18:04	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 18:04	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	

1220 Quarry Lane * Pleasanton, CA 94566-4756
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To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 18:04
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 18:04	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 18:04	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 18:04	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 18:04	
Surrogate(s)						
4-Bromofluorobenzene	108.9	74-121	%	1.00	04/25/2001 18:04	
1,2-Dichloroethane-d4	117.1	70-121	%	1.00	04/25/2001 18:04	
Toluene-d8	100.5	81-117	%	1.00	04/25/2001 18:04	

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Amiola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-10, 0-0.5	Lab Sample ID: 2001-04-0393-009
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 20:32
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 20:32	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:32	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 20:32	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 20:32	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 20:32	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 20:32	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 20:32	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 20:32	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:32	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 20:32	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 20:32	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 20:32	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 20:32	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	

1220 Quarry Lane * Pleasanton, CA 94566-4756
 Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-10, 0-0.5	Lab Sample ID: 2001-04-0393-009
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 20:32
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 20:32	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 20:32	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 20:32	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 20:32	
Surrogate(s)						
4-Bromofluorobenzene	93.4	74-121	%	1.00	04/25/2001 20:32	
1,2-Dichloroethane-d4	120.1	70-121	%	1.00	04/25/2001 20:32	
Toluene-d8	100.2	81-117	%	1.00	04/25/2001 20:32	

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-10, 2.5-3	Lab Sample ID: 2001-04-0393-010
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 18:45
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 18:45	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 18:45	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 18:45	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 18:45	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 18:45	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 18:45	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 18:45	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 18:45	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 18:45	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 18:45	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 18:45	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 18:45	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 18:45	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-10, 2.5-3	Lab Sample ID: 2001-04-0393-010
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 18:45
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 18:45	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 18:45	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 18:45	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 18:45	
Surrogate(s)						
4-Bromofluorobenzene	107.6	74-121	%	1.00	04/25/2001 18:45	
1,2-Dichloroethane-d4	104.8	70-121	%	1.00	04/25/2001 18:45	
Toluene-d8	101.4	81-117	%	1.00	04/25/2001 18:45	

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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-12, 0-0.5	Lab Sample ID: 2001-04-0393-011
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/25/2001 19:26
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 19:26	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 19:26	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 19:26	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 19:26	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 19:26	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 19:26	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 19:26	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 19:26	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 19:26	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 19:26	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 19:26	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 19:26	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 19:26	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-12, 0-0.5	Lab Sample ID: 2001-04-0393-011
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/25/2001 19:26
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 19:26	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 19:26	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 19:26	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 19:26	
Surrogate(s)						
4-Bromofluorobenzene	111.7	74-121	%	1.00	04/25/2001 19:26	
1,2-Dichloroethane-d4	114.6	70-121	%	1.00	04/25/2001 19:26	
Toluene-d8	99.8	81-117	%	1.00	04/25/2001 19:26	

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Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-12, 2.5-3	Lab Sample ID: 2001-04-0393-012
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/25/2001 20:06
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 20:06	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 20:06	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-12, 2.5-3	Lab Sample ID: 2001-04-0393-012
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/25/2001 20:06
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 20:06	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 20:06	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 20:06	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 20:06	
Surrogate(s)						
4-Bromofluorobenzene	109.6	74-121	%	1.00	04/25/2001 20:06	
1,2-Dichloroethane-d4	110.7	70-121	%	1.00	04/25/2001 20:06	
Toluene-d8	100.5	81-117	%	1.00	04/25/2001 20:06	

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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-13, 0-0.5	Lab Sample ID: 2001-04-0393-013
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/25/2001 21:50
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 21:50	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 21:50	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 21:50	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 21:50	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 21:50	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 21:50	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 21:50	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 21:50	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 21:50	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 21:50	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 21:50	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 21:50	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 21:50	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-13, 0-0.5	Lab Sample ID: 2001-04-0393-013
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/25/2001 21:50
Matrix: Soil	QC-Batch: 2001/04/25-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 21:50	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 21:50	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 21:50	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 21:50	
Surrogate(s)						
4-Bromofluorobenzene	95.3	74-121	%	1.00	04/25/2001 21:50	
1,2-Dichloroethane-d4	117.3	70-121	%	1.00	04/25/2001 21:50	
Toluene-d8	97.1	81-117	%	1.00	04/25/2001 21:50	

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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-13, 2.5-3	Lab Sample ID: 2001-04-0393-014
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/25/2001 20:47
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	04/25/2001 20:47	
Benzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Bromoform	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Bromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:47	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Chloroethane	ND	10	ug/Kg	1.00	04/25/2001 20:47	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/25/2001 20:47	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/25/2001 20:47	
Chloroform	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Chloromethane	ND	10	ug/Kg	1.00	04/25/2001 20:47	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/25/2001 20:47	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/25/2001 20:47	
Dibromomethane	ND	10	ug/Kg	1.00	04/25/2001 20:47	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/25/2001 20:47	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
2-Hexanone	ND	50	ug/Kg	1.00	04/25/2001 20:47	
Methylene chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/25/2001 20:47	
Naphthalene	ND	10	ug/Kg	1.00	04/25/2001 20:47	
Styrene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: SS-13, 2.5-3	Lab Sample ID: 2001-04-0393-014
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/25/2001 20:47
Matrix: Soil	QC-Batch: 2001/04/25-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Toluene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Trichloroethene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Vinyl acetate	ND	50	ug/Kg	1.00	04/25/2001 20:47	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Total xylenes	ND	10	ug/Kg	1.00	04/25/2001 20:47	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Bromochloromethane	ND	20	ug/Kg	1.00	04/25/2001 20:47	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
MTBE	ND	5.0	ug/Kg	1.00	04/25/2001 20:47	
Surrogate(s)						
4-Bromofluorobenzene	109.0	74-121	%	1.00	04/25/2001 20:47	
1,2-Dichloroethane-d4	112.1	70-121	%	1.00	04/25/2001 20:47	
Toluene-d8	102.3	81-117	%	1.00	04/25/2001 20:47	

1220 Quarry Lane * Pleasanton, CA 94566-4756
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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/25-01.06
MB: 2001/04/25-01.06-004		Date Extracted: 04/25/2001 12:05

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	04/25/2001 12:05	
Benzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromodichloromethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromoform	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromomethane	ND	10.0	ug/Kg	04/25/2001 12:05	
Carbon tetrachloride	ND	5.0	ug/Kg	04/25/2001 12:05	
Chlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Chloroethane	ND	10	ug/Kg	04/25/2001 12:05	
2-Butanone(MEK)	ND	50	ug/Kg	04/25/2001 12:05	
2-Chloroethylvinyl ether	ND	50	ug/Kg	04/25/2001 12:05	
Chloroform	ND	5.0	ug/Kg	04/25/2001 12:05	
Chloromethane	ND	10	ug/Kg	04/25/2001 12:05	
Dibromochloromethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/25/2001 12:05	
1,2-Dibromoethane	ND	10	ug/Kg	04/25/2001 12:05	
Dibromomethane	ND	10	ug/Kg	04/25/2001 12:05	
Dichlorodifluoromethane	ND	10	ug/Kg	04/25/2001 12:05	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/25/2001 12:05	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/25/2001 12:05	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/25/2001 12:05	
Ethylbenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
2-Hexanone	ND	50	ug/Kg	04/25/2001 12:05	
Methylene chloride	ND	5.0	ug/Kg	04/25/2001 12:05	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/25/2001 12:05	
Naphthalene	ND	10	ug/Kg	04/25/2001 12:05	
Styrene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Tetrachloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
Toluene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Trichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Vinyl acetate	ND	50	ug/Kg	04/25/2001 12:05	

1220 Quarry Lane * Pleasanton, CA 94566-4756
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To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/25-01.06
MB: 2001/04/25-01.06-004		Date Extracted: 04/25/2001 12:05

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Vinyl chloride	ND	5.0	ug/Kg	04/25/2001 12:05	
Total xylenes	ND	10	ug/Kg	04/25/2001 12:05	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Carbon disulfide	ND	5.0	ug/Kg	04/25/2001 12:05	
Isopropylbenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromochloromethane	ND	20	ug/Kg	04/25/2001 12:05	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/25/2001 12:05	
MTBE	ND	5.0	ug/Kg	04/25/2001 12:05	
Surrogate(s)					
4-Bromofluorobenzene	109.3	74-121	%	04/25/2001 12:05	
1,2-Dichloroethane-d4	108.6	70-121	%	04/25/2001 12:05	
Toluene-d8	101.1	81-117	%	04/25/2001 12:05	

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260B
 Prep Method: 5035

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/25-01.06
MB: 2001/04/25-01.06-008		Date Extracted: 04/25/2001 12:05

Compound	Result	Rep.Limit	Units	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	04/25/2001 12:05	
Acetone	ND	50	ug/Kg	04/25/2001 12:05	
Benzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromodichloromethane	ND	20	ug/Kg	04/25/2001 12:05	
Bromobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromochloromethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromoform	ND	5.0	ug/Kg	04/25/2001 12:05	
Bromomethane	ND	10	ug/Kg	04/25/2001 12:05	
2-Butanone(MEK)	ND	50	ug/Kg	04/25/2001 12:05	
Carbon disulfide	ND	5.0	ug/Kg	04/25/2001 12:05	
Carbon tetrachloride	ND	5.0	ug/Kg	04/25/2001 12:05	
Chlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Chloroethane	ND	10	ug/Kg	04/25/2001 12:05	
2-Chloroethylvinyl ether	ND	50	ug/Kg	04/25/2001 12:05	
Chloroform	ND	5.0	ug/Kg	04/25/2001 12:05	
Chloromethane	ND	10	ug/Kg	04/25/2001 12:05	
Dibromochloromethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/25/2001 12:05	
1,2-Dibromoethane	ND	10	ug/Kg	04/25/2001 12:05	
Dibromomethane	ND	10	ug/Kg	04/25/2001 12:05	
Dichlorodifluoromethane	ND	10	ug/Kg	04/25/2001 12:05	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/25/2001 12:05	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/25/2001 12:05	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/25/2001 12:05	
Ethylbenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
2-Hexanone	ND	50	ug/Kg	04/25/2001 12:05	
Isopropylbenzene	ND	5.0	ug/Kg	04/25/2001 12:05	
Methylene chloride	ND	5.0	ug/Kg	04/25/2001 12:05	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/25/2001 12:05	
Naphthalene	ND	10	ug/Kg	04/25/2001 12:05	
Styrene	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Tetrachloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
Toluene	ND	5.0	ug/Kg	04/25/2001 12:05	

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260B
Prep Method: 5035

Batch QC Report
Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/25-01.06
MB: 2001/04/25-01.06-008		Date Extracted: 04/25/2001 12:05

Compound	Result	Rep.Limit	Units	Analyzed	Flag
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Trichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Vinyl acetate	ND	50	ug/Kg	04/25/2001 12:05	
Vinyl chloride	ND	5.0	ug/Kg	04/25/2001 12:05	
Total xylenes	ND	5.0	ug/Kg	04/25/2001 12:05	
Surrogate(s)					
4-Bromofluorobenzene	109.4	74-121	%	04/25/2001 12:05	
1,2-Dichloroethane-d4	108.6	70-121	%	04/25/2001 12:05	
Toluene-d8	101.0	81-117	%	04/25/2001 12:05	

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260B
 Prep Method: 5035

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/25-01.06
MB: 2001/04/25-01.06-008		Date Extracted: 04/25/2001 12:05

Compound	Result	Rep.Limit	Units	Analyzed	Flag
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Trichloroethene	ND	5.0	ug/Kg	04/25/2001 12:05	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/25/2001 12:05	
Vinyl acetate	ND	50	ug/Kg	04/25/2001 12:05	
Vinyl chloride	ND	5.0	ug/Kg	04/25/2001 12:05	
Total xylenes	ND	5.0	ug/Kg	04/25/2001 12:05	
Surrogate(s)					
4-Bromofluorobenzene	109.4	74-121	%	04/25/2001 12:05	
1,2-Dichloroethane-d4	108.6	70-121	%	04/25/2001 12:05	
Toluene-d8	101.0	81-117	%	04/25/2001 12:05	

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/25-01.09
MB: 2001/04/25-01.09-009		Date Extracted: 04/25/2001 19:03

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	04/25/2001 19:03	
Benzene	ND	5.0	ug/Kg	04/25/2001 19:03	
Bromodichloromethane	ND	5.0	ug/Kg	04/25/2001 19:03	
Bromoform	ND	5.0	ug/Kg	04/25/2001 19:03	
Bromomethane	ND	10.0	ug/Kg	04/25/2001 19:03	
Carbon tetrachloride	ND	5.0	ug/Kg	04/25/2001 19:03	
Chlorobenzene	ND	5.0	ug/Kg	04/25/2001 19:03	
Chloroethane	ND	10	ug/Kg	04/25/2001 19:03	
2-Butanone(MEK)	ND	50	ug/Kg	04/25/2001 19:03	
2-Chloroethylvinyl ether	ND	50	ug/Kg	04/25/2001 19:03	
Chloroform	ND	5.0	ug/Kg	04/25/2001 19:03	
Chloromethane	ND	10	ug/Kg	04/25/2001 19:03	
Dibromochloromethane	ND	5.0	ug/Kg	04/25/2001 19:03	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 19:03	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 19:03	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/25/2001 19:03	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/25/2001 19:03	
1,2-Dibromoethane	ND	10	ug/Kg	04/25/2001 19:03	
Dibromomethane	ND	10	ug/Kg	04/25/2001 19:03	
Dichlorodifluoromethane	ND	10	ug/Kg	04/25/2001 19:03	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/25/2001 19:03	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/25/2001 19:03	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 19:03	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 19:03	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/25/2001 19:03	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/25/2001 19:03	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/25/2001 19:03	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/25/2001 19:03	
Ethylbenzene	ND	5.0	ug/Kg	04/25/2001 19:03	
2-Hexanone	ND	50	ug/Kg	04/25/2001 19:03	
Methylene chloride	ND	5.0	ug/Kg	04/25/2001 19:03	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/25/2001 19:03	
Naphthalene	ND	10	ug/Kg	04/25/2001 19:03	
Styrene	ND	5.0	ug/Kg	04/25/2001 19:03	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/25/2001 19:03	
Tetrachloroethene	ND	5.0	ug/Kg	04/25/2001 19:03	
Toluene	ND	5.0	ug/Kg	04/25/2001 19:03	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 19:03	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/25/2001 19:03	
Trichloroethene	ND	5.0	ug/Kg	04/25/2001 19:03	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/25/2001 19:03	
Vinyl acetate	ND	50	ug/Kg	04/25/2001 19:03	
Vinyl chloride	ND	5.0	ug/Kg	04/25/2001 19:03	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Batch QC Report
Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2001/04/25-01.09
MB: 2001/04/25-01.09-009		Date Extracted: 04/25/2001 19:03

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Total xylenes	ND	10	ug/Kg	04/25/2001 19:03	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/25/2001 19:03	
Carbon disulfide	ND	5.0	ug/Kg	04/25/2001 19:03	
Isopropylbenzene	ND	5.0	ug/Kg	04/25/2001 19:03	
Bromobenzene	ND	5.0	ug/Kg	04/25/2001 19:03	
Bromochloromethane	ND	20	ug/Kg	04/25/2001 19:03	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/25/2001 19:03	
MTBE	ND	5.0	ug/Kg	04/25/2001 19:03	
Surrogate(s)					
4-Bromofluorobenzene	94.9	74-121	%	04/25/2001 19:03	
1,2-Dichloroethane-d4	84.3	70-121	%	04/25/2001 19:03	
Toluene-d8	107.3	81-117	%	04/25/2001 19:03	

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8260A
Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/25-01.06
LCS: 2001/04/25-01.06-002	Extracted: 04/25/2001 11:01	Analyzed 04/25/2001 11:01
LCSD: 2001/04/25-01.06-003	Extracted: 04/25/2001 11:32	Analyzed 04/25/2001 11:32

Compound	Conc. [ug/Kg]		Exp. Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	88.8	90.9	100.0	100.0	88.8	90.9	2.3	69-129	20		
Chlorobenzene	77.8	78.4	100.0	100.0	77.8	78.4	0.8	61-121	20		
1,1-Dichloroethene	108	107	100.0	100.0	108.0	107.0	0.9	65-125	20		
Toluene	86.3	88.1	100.0	100.0	86.3	88.1	2.1	70-130	20		
Trichloroethene	95.6	95.5	100.0	100.0	95.6	95.5	0.1	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	556	559	500	500	111.2	111.8		74-121			
1,2-Dichloroethane-d4	546	544	500	500	109.2	108.8		70-121			
Toluene-d8	508	505	500	500	101.6	101.0		81-117			

To: **Lowney & Associates Oakland**
 Attn: Mark Arniola

Test Method: 8260A
 Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/25-01.09	
LCS:	2001/04/25-01.09-004	Extracted:	04/25/2001 16:25	Analyzed	04/25/2001 16:25
LCSD:	2001/04/25-01.09-007	Extracted:	04/25/2001 17:59	Analyzed	04/25/2001 17:59

Compound	Conc. [ug/Kg]		Exp.Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	99.5	95.2	100.0	100.0	99.5	95.2	4.4	69-129	20		
Chlorobenzene	99.9	95.6	100.0	100.0	99.9	95.6	4.4	61-121	20		
1,1-Dichloroethene	86.8	76.0	100.0	100.0	86.8	76.0	13.3	65-125	20		
Toluene	101	104	100.0	100.0	101.0	104.0	2.9	70-130	20		
Trichloroethene	97.2	102	100.0	100.0	97.2	102.0	4.8	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	540	520	500	500	108.0	104.0		74-121			
1,2-Dichloroethane-d4	562	523	500	500	112.4	104.6		70-121			
Toluene-d8	548	543	500	500	109.6	108.6		81-117			

To: **Lowney & Associates Oakland**

Test Method: 8260A

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/04/25-01.09
Sample ID: SS-10, 0-0.5		Lab Sample ID: 2001-04-0393-009
MS: 2001/04/25-01.09-013	Extracted: 04/25/2001 20:58	Analyzed: 04/25/2001 20:58 Dilution: 1.0
MSD: 2001/04/25-01.09-014	Extracted: 04/25/2001 21:24	Analyzed: 04/25/2001 21:24 Dilution: 1.0

Compound	Conc. [ug/Kg]			Exp. Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Benzene	93.6	107	ND	96.0	99.2	97.5	107.9	10.1	69-129	20		
Chlorobenzene	89.3	99.3	ND	96.0	99.2	93.0	100.1	7.4	61-121	20		
1,1-Dichloroethene	75.6	90.2	ND	96.0	99.2	78.8	90.9	14.3	65-125	20		
Toluene	96.7	102	ND	96.0	99.2	100.7	102.8	2.1	70-130	20		
Trichloroethene	90.4	98.5	ND	96.0	99.2	94.2	99.3	5.3	74-134	20		
Surrogate(s)												
4-Bromofluorobenzene	99.0	102.5		500	500	99.0	102.5		74-121			
1,2-Dichloroethane-d4	105.2	109.9		500	500	105.2	109.9		70-121			
Toluene-d8	101.5	97.1		500	500	101.5	97.1		81-117			

Semi-volatile Organic Compounds by 8270A

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-7, 0-0.5	Soil	04/17/2001 12:30	7
SS-7, 2.5-3	Soil	04/17/2001 12:30	8

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 07:01
Matrix: Soil	QC-Batch: 2001/04/23-01.11
Sample/Analysis Flag ,, (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2-Methylphenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
4-Methylphenol	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Hexachloroethane	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Nitrobenzene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Isophorone	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 07:01
Matrix: Soil	QC-Batch: 2001/04/23-01.11
Sample/Analysis Flag ,, (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
Dibenzofuran	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	04/24/2001 16:53	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:53	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	04/24/2001 16:53	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 16:53	
Benzoic acid	ND	0.50	mg/Kg	1.00	04/24/2001 16:53	
Surrogate(s)						
Nitrobenzene-d5	73.4	23-120	%	1.00	04/24/2001 16:53	
2-Fluorobiphenyl	79.3	30-115	%	1.00	04/24/2001 16:53	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 07:01
Matrix: Soil	QC-Batch: 2001/04/23-01.11
Sample/Analysis Flag ,, (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
p-Terphenyl-d14	78.9	18-137	%	1.00	04/24/2001 16:53	
2-Fluorophenol	65.3	25-121	%	1.00	04/24/2001 16:53	
Phenol-d6	64.2	24-113	%	1.00	04/24/2001 16:53	
2,4,6-Tribromophenol	86.7	19-122	%	1.00	04/24/2001 16:53	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 07:01
Matrix: Soil	QC-Batch: 2001/04/23-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2-Methylphenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
4-Methylphenol	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Hexachloroethane	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Nitrobenzene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Isophorone	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Naphthalene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
Dibenzofuran	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 07:01
Matrix: Soil	QC-Batch: 2001/04/23-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Fluorene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Anthracene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	04/25/2001 16:56	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Pyrene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
Chrysene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/25/2001 16:56	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	04/25/2001 16:56	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/25/2001 16:56	
Benzoic acid	ND	0.50	mg/Kg	1.00	04/25/2001 16:56	
Surrogate(s)						
Nitrobenzene-d5	79.0	23-120	%	1.00	04/25/2001 16:56	
2-Fluorobiphenyl	76.6	30-115	%	1.00	04/25/2001 16:56	
p-Terphenyl-d14	81.1	18-137	%	1.00	04/25/2001 16:56	
2-Fluorophenol	66.0	25-121	%	1.00	04/25/2001 16:56	
Phenol-d6	65.6	24-113	%	1.00	04/25/2001 16:56	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 07:01
Matrix: Soil	QC-Batch: 2001/04/23-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) 2,4,6-Tribromophenol	80.7	19-122	%	1.00	04/25/2001 16:56	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
 Attn.: Mark Armiola

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report
 Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2001/04/23-01.11
MB: 2001/04/23-01.11-001		Date Extracted: 04/23/2001 07:01

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	04/23/2001 17:04	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	04/23/2001 17:04	
2-Chlorophenol	ND	0.10	mg/Kg	04/23/2001 17:04	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	04/23/2001 17:04	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	04/23/2001 17:04	
Benzyl alcohol	ND	0.20	mg/Kg	04/23/2001 17:04	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	04/23/2001 17:04	
2-Methylphenol	ND	0.10	mg/Kg	04/23/2001 17:04	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	04/23/2001 17:04	
4-Methylphenol	ND	0.20	mg/Kg	04/23/2001 17:04	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	04/23/2001 17:04	
Hexachloroethane	ND	0.10	mg/Kg	04/23/2001 17:04	
Nitrobenzene	ND	0.10	mg/Kg	04/23/2001 17:04	
Isophorone	ND	0.10	mg/Kg	04/23/2001 17:04	
2-Nitrophenol	ND	0.10	mg/Kg	04/23/2001 17:04	
2,4-Dimethylphenol	ND	0.10	mg/Kg	04/23/2001 17:04	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	04/23/2001 17:04	
2,4-Dichlorophenol	ND	0.10	mg/Kg	04/23/2001 17:04	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	04/23/2001 17:04	
Naphthalene	ND	0.10	mg/Kg	04/23/2001 17:04	
4-Chloroaniline	ND	0.20	mg/Kg	04/23/2001 17:04	
Hexachlorobutadiene	ND	0.10	mg/Kg	04/23/2001 17:04	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	04/23/2001 17:04	
2-Methylnaphthalene	ND	0.10	mg/Kg	04/23/2001 17:04	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	04/23/2001 17:04	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	04/23/2001 17:04	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	04/23/2001 17:04	
2-Chloronaphthalene	ND	0.10	mg/Kg	04/23/2001 17:04	
2-Nitroaniline	ND	0.50	mg/Kg	04/23/2001 17:04	
Dimethyl phthalate	ND	0.50	mg/Kg	04/23/2001 17:04	
Acenaphthylene	ND	0.10	mg/Kg	04/23/2001 17:04	
3-Nitroaniline	ND	0.10	mg/Kg	04/23/2001 17:04	
Acenaphthene	ND	0.10	mg/Kg	04/23/2001 17:04	
2,4-Dinitrophenol	ND	0.50	mg/Kg	04/23/2001 17:04	
4-Nitrophenol	ND	0.50	mg/Kg	04/23/2001 17:04	
Dibenzofuran	ND	0.10	mg/Kg	04/23/2001 17:04	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	04/23/2001 17:04	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	04/23/2001 17:04	
Diethyl phthalate	ND	0.50	mg/Kg	04/23/2001 17:04	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	04/23/2001 17:04	
Fluorene	ND	0.10	mg/Kg	04/23/2001 17:04	
4-Nitroaniline	ND	0.50	mg/Kg	04/23/2001 17:04	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	04/23/2001 17:04	

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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2001/04/23-01.11
MB: 2001/04/23-01.11-001		Date Extracted: 04/23/2001 07:01

Compound	Result	Rep.Limit	Units	Analyzed	Flag
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	04/23/2001 17:04	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	04/23/2001 17:04	
Hexachlorobenzene	ND	0.10	mg/Kg	04/23/2001 17:04	
Pentachlorophenol	ND	0.50	mg/Kg	04/23/2001 17:04	
Phenanthrene	ND	0.10	mg/Kg	04/23/2001 17:04	
Anthracene	ND	0.10	mg/Kg	04/23/2001 17:04	
Di-n-butyl phthalate	ND	2.0	mg/Kg	04/23/2001 17:04	
Fluoranthene	ND	0.10	mg/Kg	04/23/2001 17:04	
Pyrene	ND	0.10	mg/Kg	04/23/2001 17:04	
Butyl benzyl phthalate	ND	0.50	mg/Kg	04/23/2001 17:04	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	04/23/2001 17:04	
Benzo(a)anthracene	ND	0.10	mg/Kg	04/23/2001 17:04	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	04/23/2001 17:04	
Chrysene	ND	0.10	mg/Kg	04/23/2001 17:04	
Di-n-octyl phthalate	ND	0.50	mg/Kg	04/23/2001 17:04	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	04/23/2001 17:04	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	04/23/2001 17:04	
Benzo(a)pyrene	ND	0.02	mg/Kg	04/23/2001 17:04	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	04/23/2001 17:04	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	04/23/2001 17:04	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	04/23/2001 17:04	
Benzoic acid	ND	0.50	mg/Kg	04/23/2001 17:04	
Surrogate(s)					
Nitrobenzene-d5	68.5	23-120	%	04/23/2001 17:04	
2-Fluorobiphenyl	68.7	30-115	%	04/23/2001 17:04	
p-Terphenyl-d14	77.6	18-137	%	04/23/2001 17:04	
2-Fluorophenol	58.9	25-121	%	04/23/2001 17:04	
Phenol-d6	61.2	24-113	%	04/23/2001 17:04	
2,4,6-Tribromophenol	72.0	19-122	%	04/23/2001 17:04	

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Laboratory Control Spike (LCS/LCSD)		Soil	QC Batch # 2001/04/23-01.11	
LCS:	2001/04/23-01.11-002	Extracted: 04/23/2001 07:01	Analyzed	04/23/2001 17:43
LCSD:	2001/04/23-01.11-003	Extracted: 04/23/2001 07:01	Analyzed	04/23/2001 18:22

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctr. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Phenol	1.41	1.47	2.00	2.00	70.5	73.5	4.2	20-90	35		
2-Chlorophenol	1.37	1.36	2.00	2.00	68.5	68.0	0.7	27-123	35		
1,4-Dichlorobenzene	0.700	0.730	1.000	1.000	70.0	73.0	4.2	28-104	30		
N-Nitroso-di-n-propylamin	0.760	0.770	1.000	1.000	76.0	77.0	1.3	25-114	39		
1,2,4-Trichlorobenzene	0.650	0.680	1.000	1.000	65.0	68.0	4.5	38-107	35		
4-Chloro-3-methylphenol	1.50	1.57	2.00	2.00	75.0	78.5	4.6	26-103	33		
Acenaphthene	0.750	0.770	1.000	1.000	75.0	77.0	2.6	49-102	30		
4-Nitrophenol	1.63	1.78	2.00	2.00	81.5	89.0	8.8	17-109	35		
2,4-Dinitrotoluene	0.900	0.930	1.000	1.000	90.0	93.0	3.3	39-139	38		
Pentachlorophenol	1.46	1.60	2.00	2.00	73.0	80.0	9.2	11-114	35		
Pyrene	0.780	0.790	1.000	1.000	78.0	79.0	1.3	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	8.33	9.28	25	25	33.3	37.1		23-120			
2-Fluorobiphenyl	14.3	15.6	25	25	57.2	62.4		30-115			
p-Terphenyl-d14	20.1	20.2	25	25	80.4	80.8		18-137			
2-Fluorophenol	8.99	10.7	50	50	18.0	21.4		25-121		,or	,or
Phenol-d6	17.9	19.7	50	50	35.8	39.4		24-113			
2,4,6-Tribromophenol	38.5	40.5	50	50	77.0	81.0		19-122			

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Legend & Notes

Semi-volatile Organic Compounds by 8270A

QC Sample Notes

Laboratory Control Spike Duplicate (Lab# 2001/04/23-01.11-003)
or = % recovery outside of control limit.

PNA analysis by 8270A

Lowney & Associates Oakland	<input checked="" type="checkbox"/> 129 Filbert Street Oakland, Ca 94607
Attn: Mark Amiola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-10, 0-0.5	Soil	04/17/2001 12:30	9
SS-10, 2.5-3	Soil	04/17/2001 12:30	10
SS-12, 0-0.5	Soil	04/17/2001 13:30	11
SS-12, 2.5-3	Soil	04/17/2001 13:30	12
SS-13, 0-0.5	Soil	04/17/2001 14:30	13
SS-13, 2.5-3	Soil	04/17/2001 14:30	14

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-10, 0-0.5	Lab Sample ID: 2001-04-0393-009
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:06	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 16:06	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 16:06	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 16:06	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 16:06	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 16:06	
Surrogate(s)						
Nitrobenzene-d5	68.2	23-120	%	1.00	04/24/2001 16:06	
2-Fluorobiphenyl	59.2	30-115	%	1.00	04/24/2001 16:06	
p-Terphenyl-d14	86.3	18-137	%	1.00	04/24/2001 16:06	

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Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-10, 2.5-3	Lab Sample ID: 2001-04-0393-010
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 16:46	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 16:46	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 16:46	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 16:46	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 16:46	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 16:46	
Surrogate(s)						
Nitrobenzene-d5	52.6	23-120	%	1.00	04/24/2001 16:46	
2-Fluorobiphenyl	66.9	30-115	%	1.00	04/24/2001 16:46	
p-Terphenyl-d14	89.3	18-137	%	1.00	04/24/2001 16:46	

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Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-12, 0-0.5	Lab Sample ID: 2001-04-0393-011
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 17:47	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 17:47	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 17:47	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 17:47	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 17:47	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 17:47	
Surrogate(s)						
Nitrobenzene-d5	73.4	23-120	%	1.00	04/24/2001 17:47	
2-Fluorobiphenyl	71.4	30-115	%	1.00	04/24/2001 17:47	
p-Terphenyl-d14	83.6	18-137	%	1.00	04/24/2001 17:47	

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Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-12, 2.5-3	Lab Sample ID: 2001-04-0393-012
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 18:28	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 18:28	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 18:28	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 18:28	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 18:28	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 18:28	
Surrogate(s)						
Nitrobenzene-d5	73.5	23-120	%	1.00	04/24/2001 18:28	
2-Fluorobiphenyl	72.3	30-115	%	1.00	04/24/2001 18:28	
p-Terphenyl-d14	94.3	18-137	%	1.00	04/24/2001 18:28	

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Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-13, 0-0.5	Lab Sample ID: 2001-04-0393-013
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 19:08	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 19:08	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 19:08	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 19:08	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 19:08	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 19:08	
Surrogate(s)						
Nitrobenzene-d5	69.9	23-120	%	1.00	04/24/2001 19:08	
2-Fluorobiphenyl	60.6	30-115	%	1.00	04/24/2001 19:08	
p-Terphenyl-d14	87.8	18-137	%	1.00	04/24/2001 19:08	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

PNA analysis by 8270A

Sample ID: SS-13, 2.5-3	Lab Sample ID: 2001-04-0393-014
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/23/2001 14:10
Matrix: Soil	QC-Batch: 2001/04/23-03.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Acenaphthylene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Acenaphthene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Fluorene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Phenanthrene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Pyrene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Chrysene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	04/24/2001 19:48	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	04/24/2001 19:48	
Benzo(a)pyrene	ND	0.050	mg/Kg	1.00	04/24/2001 19:48	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	04/24/2001 19:48	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	04/24/2001 19:48	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	04/24/2001 19:48	
Surrogate(s)						
Nitrobenzene-d5	66.0	23-120	%	1.00	04/24/2001 19:48	
2-Fluorobiphenyl	67.0	30-115	%	1.00	04/24/2001 19:48	
p-Terphenyl-d14	86.1	18-137	%	1.00	04/24/2001 19:48	

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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report
 PNA analysis by 8270A

Method Blank	Soil	QC Batch # 2001/04/23-03.11
MB: 2001/04/23-03.11-001		Date Extracted: 04/23/2001 14:10

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Naphthalene	ND	0.10	mg/Kg	04/24/2001 12:04	
Acenaphthylene	ND	0.10	mg/Kg	04/24/2001 12:04	
Acenaphthene	ND	0.10	mg/Kg	04/24/2001 12:04	
Fluorene	ND	0.10	mg/Kg	04/24/2001 12:04	
Phenanthrene	ND	0.10	mg/Kg	04/24/2001 12:04	
Anthracene	ND	0.10	mg/Kg	04/24/2001 12:04	
Fluoranthene	ND	0.10	mg/Kg	04/24/2001 12:04	
Pyrene	ND	0.10	mg/Kg	04/24/2001 12:04	
Benzo(a)anthracene	ND	0.10	mg/Kg	04/24/2001 12:04	
Chrysene	ND	0.10	mg/Kg	04/24/2001 12:04	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	04/24/2001 12:04	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	04/24/2001 12:04	
Benzo(a)pyrene	ND	0.050	mg/Kg	04/24/2001 12:04	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	04/24/2001 12:04	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	04/24/2001 12:04	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	04/24/2001 12:04	
Surrogate(s)					
Nitrobenzene-d5	82.4	23-120	%	04/24/2001 12:04	
2-Fluorobiphenyl	77.2	30-115	%	04/24/2001 12:04	
p-Terphenyl-d14	91.2	18-137	%	04/24/2001 12:04	

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8270A
Prep Method: 3550/8270A

Batch QC Report

PNA analysis by 8270A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/23-03.11	
LCS:	2001/04/23-03.11-002	Extracted:	04/23/2001 14:10	Analyzed	04/24/2001 13:24
LCSD:	2001/04/23-03.11-003	Extracted:	04/23/2001 14:10	Analyzed	04/24/2001 14:05

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Acenaphthene	0.740	0.740	1.000	1.000	74.0	74.0	0.0	49-102	30		
Pyrene	0.880	0.930	1.000	1.000	88.0	93.0	5.5	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	17.7	18.9	25	25	70.8	75.6		23-120			
2-Fluorobiphenyl	19.7	21.0	25	25	78.8	84.0		30-115			
p-Terphenyl-d14	23.2	23.2	25	25	92.8	92.8		18-137			

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8270A

Attn.: Mark Arniola

Prep Method: 3550/8270A

Batch QC Report

PNA analysis by 8270A

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/04/23-03.11
Sample ID: SS-10, 0-0.5		Lab Sample ID: 2001-04-0393-009
MS: 2001/04/23-03.11-004	Extracted: 04/23/2001 14:10	Analyzed: 04/24/2001 14:45 Dilution: 1.0
MSD: 2001/04/23-03.11-005	Extracted: 04/23/2001 14:10	Analyzed: 04/24/2001 15:25 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Acenaphthene	0.700	0.670	ND	0.993	0.999	70.5	67.1	4.9	49-102	30		
Pyrene	0.840	0.860	ND	0.993	0.999	84.6	86.1	1.8	25-117	35		
Surrogate(s)												
Nitrobenzene-d5	66.9	60.9		25	25	66.9	60.9		23-120			
2-Fluorobiphenyl	65.8	63.9		25	25	65.8	63.9		30-115			
p-Terphenyl-d14	85.3	80.4		25	25	85.3	80.4		18-137			

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CAM 17 Metals

Lowney & Associates Oakland	<input checked="" type="checkbox"/> 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-3, 2-2.5	Soil	04/17/2001 11:00	3
SS-6, 3-3.5	Soil	04/17/2001 11:00	6
SS-7, 0-0.5	Soil	04/17/2001 12:30	7
SS-7, 2.5-3	Soil	04/17/2001 12:30	8
SS-10, 0-0.5	Soil	04/17/2001 12:30	9
SS-10, 2.5-3	Soil	04/17/2001 12:30	10
SS-12, 0-0.5	Soil	04/17/2001 13:30	11
SS-12, 2.5-3	Soil	04/17/2001 13:30	12
SS-13, 0-0.5	Soil	04/17/2001 14:30	13
SS-13, 2.5-3	Soil	04/17/2001 14:30	14

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Amiola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-3, 2-2.5	Lab Sample ID: 2001-04-0393-003
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/25/2001 07:04 QC-Batch: 2001/04/25-01.16 2001/04/25-02.15
Matrix: Soil	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 11:38	
Arsenic	6.4	1.0	mg/Kg	1.00	04/25/2001 11:38	
Barium	170	1.0	mg/Kg	1.00	04/25/2001 11:38	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 11:38	
Cadmium	0.96	0.50	mg/Kg	1.00	04/25/2001 11:38	
Chromium	23	1.0	mg/Kg	1.00	04/25/2001 11:38	
Cobalt	7.0	1.0	mg/Kg	1.00	04/25/2001 11:38	
Copper	31	1.0	mg/Kg	1.00	04/25/2001 11:38	
Lead	48	1.0	mg/Kg	1.00	04/25/2001 11:38	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 11:38	
Nickel	34	1.0	mg/Kg	1.00	04/25/2001 11:38	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 11:38	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 11:38	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 11:38	
Vanadium	42	1.0	mg/Kg	1.00	04/25/2001 11:38	
Zinc	87	1.0	mg/Kg	1.00	04/25/2001 11:38	
Mercury	2.5	0.50	mg/Kg	10.00	04/25/2001 11:26	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-6, 3-3.5	Lab Sample ID: 2001-04-0393-006
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:00	
Arsenic	1.8	1.0	mg/Kg	1.00	04/25/2001 12:00	
Barium	85	1.0	mg/Kg	1.00	04/25/2001 12:00	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:00	
Cadmium	ND	0.50	mg/Kg	1.00	04/25/2001 12:00	
Chromium	15	1.0	mg/Kg	1.00	04/25/2001 12:00	
Cobalt	4.2	1.0	mg/Kg	1.00	04/25/2001 12:00	
Copper	12	1.0	mg/Kg	1.00	04/25/2001 12:00	
Lead	4.1	1.0	mg/Kg	1.00	04/25/2001 12:00	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:00	
Nickel	9.2	1.0	mg/Kg	1.00	04/25/2001 12:00	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:00	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:00	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:00	
Vanadium	24	1.0	mg/Kg	1.00	04/25/2001 12:00	
Zinc	8.8	1.0	mg/Kg	1.00	04/25/2001 12:00	
Mercury	ND	0.050	mg/Kg	1.00	04/25/2001 10:33	

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To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Amiola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:03	
Arsenic	35	1.0	mg/Kg	1.00	04/25/2001 12:03	
Barium	130	1.0	mg/Kg	1.00	04/25/2001 12:03	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:03	
Cadmium	0.67	0.50	mg/Kg	1.00	04/25/2001 12:03	
Chromium	22	1.0	mg/Kg	1.00	04/25/2001 12:03	
Cobalt	7.8	1.0	mg/Kg	1.00	04/25/2001 12:03	
Copper	31	1.0	mg/Kg	1.00	04/25/2001 12:03	
Lead	19	1.0	mg/Kg	1.00	04/25/2001 12:03	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:03	
Nickel	20	1.0	mg/Kg	1.00	04/25/2001 12:03	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:03	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:03	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:03	
Vanadium	26	1.0	mg/Kg	1.00	04/25/2001 12:03	
Zinc	110	1.0	mg/Kg	1.00	04/25/2001 12:03	
Mercury	0.088	0.050	mg/Kg	1.00	04/25/2001 10:34	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:07	
Arsenic	3.4	1.0	mg/Kg	1.00	04/25/2001 12:07	
Barium	190	1.0	mg/Kg	1.00	04/25/2001 12:07	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:07	
Cadmium	0.60	0.50	mg/Kg	1.00	04/25/2001 12:07	
Chromium	16	1.0	mg/Kg	1.00	04/25/2001 12:07	
Cobalt	15	1.0	mg/Kg	1.00	04/25/2001 12:07	
Copper	91	1.0	mg/Kg	1.00	04/25/2001 12:07	
Lead	27	1.0	mg/Kg	1.00	04/25/2001 12:07	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:07	
Nickel	20	1.0	mg/Kg	1.00	04/25/2001 12:07	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:07	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:07	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:07	
Vanadium	24	1.0	mg/Kg	1.00	04/25/2001 12:07	
Zinc	210	1.0	mg/Kg	1.00	04/25/2001 12:07	
Mercury	0.13	0.050	mg/Kg	1.00	04/25/2001 10:35	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-10, 0-0.5	Lab Sample ID: 2001-04-0393-009
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:11	
Arsenic	ND	1.0	mg/Kg	1.00	04/25/2001 12:11	
Barium	110	1.0	mg/Kg	1.00	04/25/2001 12:11	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:11	
Cadmium	ND	0.50	mg/Kg	1.00	04/25/2001 12:11	
Chromium	14	1.0	mg/Kg	1.00	04/25/2001 12:11	
Cobalt	5.6	1.0	mg/Kg	1.00	04/25/2001 12:11	
Copper	10	1.0	mg/Kg	1.00	04/25/2001 12:11	
Lead	6.0	1.0	mg/Kg	1.00	04/25/2001 12:11	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:11	
Nickel	14	1.0	mg/Kg	1.00	04/25/2001 12:11	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:11	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:11	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:11	
Vanadium	13	1.0	mg/Kg	1.00	04/25/2001 12:11	
Zinc	17	1.0	mg/Kg	1.00	04/25/2001 12:11	
Mercury	0.061	0.050	mg/Kg	1.00	04/25/2001 10:39	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-10, 2.5-3	Lab Sample ID: 2001-04-0393-010
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:15	
Arsenic	1.7	1.0	mg/Kg	1.00	04/25/2001 12:15	
Barium	99	1.0	mg/Kg	1.00	04/25/2001 12:15	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:15	
Cadmium	ND	0.50	mg/Kg	1.00	04/25/2001 12:15	
Chromium	18	1.0	mg/Kg	1.00	04/25/2001 12:15	
Cobalt	12	1.0	mg/Kg	1.00	04/25/2001 12:15	
Copper	13	1.0	mg/Kg	1.00	04/25/2001 12:15	
Lead	3.6	1.0	mg/Kg	1.00	04/25/2001 12:15	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:15	
Nickel	12	1.0	mg/Kg	1.00	04/25/2001 12:15	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:15	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:15	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:15	
Vanadium	25	1.0	mg/Kg	1.00	04/25/2001 12:15	
Zinc	15	1.0	mg/Kg	1.00	04/25/2001 12:15	
Mercury	ND	0.050	mg/Kg	1.00	04/25/2001 10:40	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-12, 0-0.5	Lab Sample ID: 2001-04-0393-011
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:19	
Arsenic	ND	1.0	mg/Kg	1.00	04/25/2001 12:19	
Barium	87	1.0	mg/Kg	1.00	04/25/2001 12:19	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:19	
Cadmium	0.71	0.50	mg/Kg	1.00	04/25/2001 12:19	
Chromium	1.1	1.0	mg/Kg	1.00	04/25/2001 12:19	
Cobalt	3.1	1.0	mg/Kg	1.00	04/25/2001 12:19	
Copper	12	1.0	mg/Kg	1.00	04/25/2001 12:19	
Lead	3.7	1.0	mg/Kg	1.00	04/25/2001 12:19	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:19	
Nickel	1.9	1.0	mg/Kg	1.00	04/25/2001 12:19	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:19	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:19	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:19	
Vanadium	12	1.0	mg/Kg	1.00	04/25/2001 12:19	
Zinc	35	1.0	mg/Kg	1.00	04/25/2001 12:19	
Mercury	0.050	0.050	mg/Kg	1.00	04/25/2001 10:41	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-12, 2.5-3	Lab Sample ID: 2001-04-0393-012
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:23	
Arsenic	1.6	1.0	mg/Kg	1.00	04/25/2001 12:23	
Barium	92	1.0	mg/Kg	1.00	04/25/2001 12:23	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:23	
Cadmium	ND	0.50	mg/Kg	1.00	04/25/2001 12:23	
Chromium	16	1.0	mg/Kg	1.00	04/25/2001 12:23	
Cobalt	6.5	1.0	mg/Kg	1.00	04/25/2001 12:23	
Copper	11	1.0	mg/Kg	1.00	04/25/2001 12:23	
Lead	11	1.0	mg/Kg	1.00	04/25/2001 12:23	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:23	
Nickel	18	1.0	mg/Kg	1.00	04/25/2001 12:23	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:23	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:23	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:23	
Vanadium	20	1.0	mg/Kg	1.00	04/25/2001 12:23	
Zinc	25	1.0	mg/Kg	1.00	04/25/2001 12:23	
Mercury	0.060	0.050	mg/Kg	1.00	04/25/2001 10:42	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-13, 0-0.5	Lab Sample ID: 2001-04-0393-013
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/25/2001 07:04
Matrix: Soil	QC-Batch: 2001/04/25-01.16 2001/04/25-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 12:27	
Arsenic	2.5	1.0	mg/Kg	1.00	04/25/2001 12:27	
Barium	79	1.0	mg/Kg	1.00	04/25/2001 12:27	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 12:27	
Cadmium	1.2	0.50	mg/Kg	1.00	04/25/2001 12:27	
Chromium	26	1.0	mg/Kg	1.00	04/25/2001 12:27	
Cobalt	8.4	1.0	mg/Kg	1.00	04/25/2001 12:27	
Copper	28	1.0	mg/Kg	1.00	04/25/2001 12:27	
Lead	28	1.0	mg/Kg	1.00	04/25/2001 12:27	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 12:27	
Nickel	32	1.0	mg/Kg	1.00	04/25/2001 12:27	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 12:27	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 12:27	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 12:27	
Vanadium	36	1.0	mg/Kg	1.00	04/25/2001 12:27	
Zinc	100	1.0	mg/Kg	1.00	04/25/2001 12:27	
Mercury	0.070	0.050	mg/Kg	1.00	04/25/2001 10:44	

To: **Lowney & Associates Oakland**

Test Method: 6010B
7471A

Attn.: Mark Arniola

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: SS-13, 2.5-3	Lab Sample ID: 2001-04-0393-014
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/25/2001 08:29
Matrix: Soil	QC-Batch: 2001/04/25-02.16 2001/04/25-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	04/25/2001 14:06	
Arsenic	2.0	1.0	mg/Kg	1.00	04/25/2001 14:06	
Barium	110	1.0	mg/Kg	1.00	04/25/2001 14:06	
Beryllium	ND	0.50	mg/Kg	1.00	04/25/2001 14:06	
Cadmium	ND	0.50	mg/Kg	1.00	04/25/2001 14:06	
Chromium	16	1.0	mg/Kg	1.00	04/25/2001 14:06	
Cobalt	16	1.0	mg/Kg	1.00	04/25/2001 14:06	
Copper	7.9	1.0	mg/Kg	1.00	04/25/2001 14:06	
Lead	7.0	1.0	mg/Kg	1.00	04/25/2001 14:06	
Molybdenum	ND	1.0	mg/Kg	1.00	04/25/2001 14:06	
Nickel	11	1.0	mg/Kg	1.00	04/25/2001 14:06	
Selenium	ND	2.0	mg/Kg	1.00	04/25/2001 14:06	
Silver	ND	1.0	mg/Kg	1.00	04/25/2001 14:06	
Thallium	ND	1.0	mg/Kg	1.00	04/25/2001 14:06	
Vanadium	25	1.0	mg/Kg	1.00	04/25/2001 14:06	
Zinc	13	1.0	mg/Kg	1.00	04/25/2001 14:06	
Mercury	ND	0.050	mg/Kg	1.00	04/25/2001 11:01	

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 7471A
Prep Method: 7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 2001/04/25-01.16
MB: 2001/04/25-01.16-011		Date Extracted: 04/25/2001 07:06

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	04/25/2001 10:10	

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 7471A
Prep Method: 7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 2001/04/25-02.16
MB: 2001/04/25-02.16-040		Date Extracted: 04/25/2001 08:32

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	04/25/2001 10:45	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 6010B
Prep Method: 3050B

Batch QC Report CAM 17 Metals

Method Blank	Soil	QC Batch # 2001/04/25-02.15
MB: 2001/04/25-02.15-026		Date Extracted: 04/25/2001 07:04

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	04/25/2001 15:23	
Arsenic	ND	1.0	mg/Kg	04/25/2001 15:23	
Barium	ND	1.0	mg/Kg	04/25/2001 15:23	
Beryllium	ND	0.50	mg/Kg	04/25/2001 15:23	
Cadmium	ND	0.50	mg/Kg	04/25/2001 15:23	
Chromium	ND	1.0	mg/Kg	04/25/2001 15:23	
Cobalt	ND	1.0	mg/Kg	04/25/2001 15:23	
Copper	ND	1.0	mg/Kg	04/25/2001 15:23	
Lead	ND	1.0	mg/Kg	04/25/2001 15:23	
Molybdenum	ND	1.0	mg/Kg	04/25/2001 15:23	
Nickel	ND	1.0	mg/Kg	04/25/2001 15:23	
Selenium	ND	2.0	mg/Kg	04/25/2001 15:23	
Silver	ND	1.0	mg/Kg	04/25/2001 15:23	
Thallium	ND	1.0	mg/Kg	04/25/2001 15:23	
Vanadium	ND	1.0	mg/Kg	04/25/2001 15:23	
Zinc	ND	1.0	mg/Kg	04/25/2001 15:23	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 6010B

Attn.: Mark Arniola

Prep Method: 3050B

Batch QC Report

CAM 17 Metals

Method Blank

Soil

QC Batch # 2001/04/25-03.15

MB: 2001/04/25-03.15-055

Date Extracted: 04/25/2001 08:29

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	04/25/2001 13:28	
Arsenic	ND	1.0	mg/Kg	04/25/2001 13:28	
Barium	ND	1.0	mg/Kg	04/25/2001 13:28	
Beryllium	ND	0.50	mg/Kg	04/25/2001 13:28	
Cadmium	ND	0.50	mg/Kg	04/25/2001 13:28	
Chromium	ND	1.0	mg/Kg	04/25/2001 13:28	
Cobalt	ND	1.0	mg/Kg	04/25/2001 13:28	
Copper	ND	1.0	mg/Kg	04/25/2001 13:28	
Lead	ND	1.0	mg/Kg	04/25/2001 13:28	
Molybdenum	ND	1.0	mg/Kg	04/25/2001 13:28	
Nickel	ND	1.0	mg/Kg	04/25/2001 13:28	
Selenium	ND	2.0	mg/Kg	04/25/2001 13:28	
Silver	ND	1.0	mg/Kg	04/25/2001 13:28	
Thallium	ND	1.0	mg/Kg	04/25/2001 13:28	
Vanadium	ND	1.0	mg/Kg	04/25/2001 13:28	
Zinc	ND	1.0	mg/Kg	04/25/2001 13:28	

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To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 6010B
Prep Method: 3050B

Batch QC Report
CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/25-02.15
LCS: 2001/04/25-02.15-027	Extracted: 04/25/2001 07:04	Analyzed 04/25/2001 10:23
LCSD: 2001/04/25-02.15-028	Extracted: 04/25/2001 07:04	Analyzed 04/25/2001 10:27

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	98.7	96.6	100.0	100.0	98.7	96.6	2.2	80-120	20		
Arsenic	101	99.6	100.0	100.0	101.0	99.6	1.4	80-120	20		
Barium	97.6	97.0	100.0	100.0	97.6	97.0	0.6	80-120	20		
Beryllium	97.6	96.9	100.0	100.0	97.6	96.9	0.7	80-120	20		
Cadmium	96.3	95.1	100.0	100.0	96.3	95.1	1.3	80-120	20		
Chromium	98.1	97.0	100.0	100.0	98.1	97.0	1.1	80-120	20		
Cobalt	98.4	97.1	100.0	100.0	98.4	97.1	1.3	80-120	20		
Copper	103	101	100.0	100.0	103.0	101.0	2.0	80-120	20		
Lead	98.2	96.7	100.0	100.0	98.2	96.7	1.5	80-120	20		
Molybdenum	100	98.9	100.0	100.0	100.0	98.9	1.1	80-120	20		
Nickel	96.7	95.8	100.0	100.0	96.7	95.8	0.9	80-120	20		
Selenium	95.8	94.4	100.0	100.0	95.8	94.4	1.5	80-120	20		
Silver	99.2	97.8	100.0	100.0	99.2	97.8	1.4	80-120	20		
Thallium	97.5	96.0	100.0	100.0	97.5	96.0	1.6	80-120	20		
Vanadium	98.9	98.1	100.0	100.0	98.9	98.1	0.8	80-120	20		
Zinc	96.8	95.1	100.0	100.0	96.8	95.1	1.8	80-120	20		

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 7471A
Prep Method: 7471A

Batch QC Report
CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/25-01.16
LCS: 2001/04/25-01.16-012	Extracted: 04/25/2001 07:06	Analyzed 04/25/2001 10:11
LCSD: 2001/04/25-01.16-013	Extracted: 04/25/2001 07:06	Analyzed 04/25/2001 10:12

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.511	0.508	0.500	0.500	102.2	101.6	0.6	85-115	20		

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 7471A

Attn: Mark Arniola

Prep Method: 7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/25-02.16	
LCS:	2001/04/25-02.16-041	Extracted:	04/25/2001 08:32	Analyzed	04/25/2001 10:46
LCSD:	2001/04/25-02.16-042	Extracted:	04/25/2001 08:32	Analyzed	04/25/2001 10:47

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]			RPD		Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	RPD [%]	Recovery	RPD	LCS	LCSD		
Mercury	0.534	0.523	0.500	0.500	106.8	104.6	2.1	85-115	20				

To: **Lowney & Associates Oakland**

Test Method: 6010B

Attn: Mark Arniola

Prep Method: 3050B

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/25-03.15
LCS: 2001/04/25-03.15-056	Extracted: 04/25/2001 08:29	Analyzed 04/25/2001 12:44
LCSD: 2001/04/25-03.15-059	Extracted: 04/25/2001 08:29	Analyzed 04/25/2001 13:32

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	92.3	92.3	100.0	100.0	92.3	92.3	0.0	80-120	20		
Arsenic	96.3	96.9	100.0	100.0	96.3	96.9	0.6	80-120	20		
Barium	95.7	96.9	100.0	100.0	95.7	96.9	1.2	80-120	20		
Beryllium	97.8	98.1	100.0	100.0	97.8	98.1	0.3	80-120	20		
Cadmium	93.5	95.0	100.0	100.0	93.5	95.0	1.6	80-120	20		
Chromium	95.2	96.1	100.0	100.0	95.2	96.1	0.9	80-120	20		
Cobalt	94.6	95.4	100.0	100.0	94.6	95.4	0.8	80-120	20		
Copper	97.3	96.3	100.0	100.0	97.3	96.3	1.0	80-120	20		
Lead	93.1	94.1	100.0	100.0	93.1	94.1	1.1	80-120	20		
Molybdenum	95.7	96.5	100.0	100.0	95.7	96.5	0.8	80-120	20		
Nickel	94.4	95.7	100.0	100.0	94.4	95.7	1.4	80-120	20		
Selenium	92.8	93.8	100.0	100.0	92.8	93.8	1.1	80-120	20		
Silver	95.4	95.5	100.0	100.0	95.4	95.5	0.1	80-120	20		
Thallium	95.4	95.6	100.0	100.0	95.4	95.6	0.2	80-120	20		
Vanadium	96.7	97.9	100.0	100.0	96.7	97.9	1.2	80-120	20		
Zinc	92.5	93.5	100.0	100.0	92.5	93.5	1.1	80-120	20		

Gas/BTEX

Lowney & Associates Oakland	✉ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-7, 0-0.5	Soil	04/17/2001 12:30	7
SS-7, 2.5-3	Soil	04/17/2001 12:30	8

To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn.: Mark Arniola

Prep Method: 5030

Gas/BTEX

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/23/2001 17:54
Matrix: Soil	QC-Batch: 2001/04/23-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/23/2001 17:54	
Benzene	ND	0.0050	mg/Kg	1.00	04/23/2001 17:54	
Toluene	ND	0.0050	mg/Kg	1.00	04/23/2001 17:54	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/23/2001 17:54	
Xylene(s)	ND	0.0050	mg/Kg	1.00	04/23/2001 17:54	
Surrogate(s)						
Trifluorotoluene	80.3	53-125	%	1.00	04/23/2001 17:54	
4-Bromofluorobenzene-FID	58.1	58-124	%	1.00	04/23/2001 17:54	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8020
8015M

Attn.: Mark Arniola

Prep Method: 5030

Gas/BTEX

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/24/2001 12:02
Matrix: Soil	QC-Batch: 2001/04/24-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/24/2001 12:02	
Benzene	ND	0.0050	mg/Kg	1.00	04/24/2001 12:02	
Toluene	ND	0.0050	mg/Kg	1.00	04/24/2001 12:02	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/24/2001 12:02	
Xylene(s)	ND	0.0050	mg/Kg	1.00	04/24/2001 12:02	
Surrogate(s)						
Trifluorotoluene	75.5	53-125	%	1.00	04/24/2001 12:02	
4-Bromofluorobenzene-FID	61.6	58-124	%	1.00	04/24/2001 12:02	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report Gas/BTEX

Method Blank	Soil	QC Batch # 2001/04/23-01.04
MB: 2001/04/23-01.04-004		Date Extracted: 04/23/2001 08:34

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	04/23/2001 08:34	
Benzene	ND	0.0050	mg/Kg	04/23/2001 08:34	
Toluene	ND	0.0050	mg/Kg	04/23/2001 08:34	
Ethyl benzene	ND	0.0050	mg/Kg	04/23/2001 08:34	
Xylene(s)	ND	0.0050	mg/Kg	04/23/2001 08:34	
Surrogate(s)					
Trifluorotoluene	106.7	53-125	%	04/23/2001 08:34	
4-Bromofluorobenzene-FID	94.5	58-124	%	04/23/2001 08:34	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn.: Mark Arniola

Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank	Soil	QC Batch # 2001/04/24-01.01
MB: 2001/04/24-01.01-003		Date Extracted: 04/24/2001 08:13

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	04/24/2001 08:13	
Benzene	ND	0.0050	mg/Kg	04/24/2001 08:13	
Toluene	ND	0.0050	mg/Kg	04/24/2001 08:13	
Ethyl benzene	ND	0.0050	mg/Kg	04/24/2001 08:13	
Xylene(s)	ND	0.0050	mg/Kg	04/24/2001 08:13	
Surrogate(s)					
Trifluorotoluene	82.8	53-125	%	04/24/2001 08:13	
Trifluorotoluene-FID	72.4	53-125	%	04/24/2001 08:13	

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8020
Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/23-01.04
LCS: 2001/04/23-01.04-005	Extracted: 04/23/2001 09:02	Analyzed 04/23/2001 09:02
LCSD: 2001/04/23-01.04-006	Extracted: 04/23/2001 09:29	Analyzed 04/23/2001 09:29

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	0.111	0.104	0.1000	0.1000	111.0	104.0	6.5	77-123	35		
Toluene	0.105	0.0992	0.1000	0.1000	105.0	99.2	5.7	78-122	35		
Ethyl benzene	0.105	0.0992	0.1000	0.1000	105.0	99.2	5.7	70-130	35		
Xylene(s)	0.325	0.307	0.300	0.300	108.3	102.3	5.7	75-125	35		
Surrogate(s)											
Trifluorotoluene	575	540	500	500	115.0	108.0		53-125			

To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn: Mark Arniola

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/23-01.04
LCS: 2001/04/23-01.04-007	Extracted: 04/23/2001 09:57	Analyzed 04/23/2001 09:57
LCSD: 2001/04/23-01.04-008	Extracted: 04/23/2001 10:24	Analyzed 04/23/2001 10:24

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	0.431	0.440	0.500	0.500	86.2	88.0	2.1	75-125	35		
Surrogate(s) 4-Bromofluorobenzene-FI	503	510	500	500	100.6	102.0		58-124			

To: **Lowney & Associates Oakland**
 Attn: Mark Arniola

Test Method: 8020
 Prep Method: 5030

Batch QC Report
 Gas/BTEX

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/24-01.01
LCS: 2001/04/24-01.01-004	Extracted: 04/24/2001 08:46	Analyzed 04/24/2001 08:46
LCSD: 2001/04/24-01.01-005	Extracted: 04/24/2001 09:19	Analyzed 04/24/2001 09:19

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	0.106	0.107	0.1000	0.1000	106.0	107.0	0.9	77-123	35		
Toluene	0.105	0.107	0.1000	0.1000	105.0	107.0	1.9	78-122	35		
Ethyl benzene	0.102	0.103	0.1000	0.1000	102.0	103.0	1.0	70-130	35		
Xylene(s)	0.314	0.319	0.300	0.300	104.7	106.3	1.5	75-125	35		
Surrogate(s)											
Trifluorotoluene	561	568	500	500	112.2	113.6		53-125			

To: **Lowney & Associates Oakland**

Test Method: 8015M
8020

Attn: Mark Arniola

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2001/04/24-01.01	
LCS:	2001/04/24-01.01-006	Extracted:	04/24/2001 09:52	Analyzed	04/24/2001 09:52
LCSD:	2001/04/24-01.01-007	Extracted:	04/24/2001 10:24	Analyzed	04/24/2001 10:24

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		[%]	Recovery	RPD	LCS
Gasoline	0.473	0.461	0.500	0.500	94.6	92.2	2.6	75-125	35		
Surrogate(s) 4-Bromofluorobenzene-FI	368	358	500	500	73.6	71.6		58-124			

Organochlorine Pesticides & PCBs (8081/8082)

Lowney & Associates Oakland	☒ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-7, 0-0.5	Soil	04/17/2001 12:30	7
SS-7, 2.5-3	Soil	04/17/2001 12:30	8
SS-10, 0-0.5	Soil	04/17/2001 12:30	9
SS-10, 2.5-3	Soil	04/17/2001 12:30	10
SS-12, 0-0.5	Soil	04/17/2001 13:30	11
SS-12, 2.5-3	Soil	04/17/2001 13:30	12
SS-13, 0-0.5	Soil	04/17/2001 14:30	13
SS-13, 2.5-3	Soil	04/17/2001 14:30	14

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:06
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 07:05	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 07:05	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 07:05	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 11:54	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 11:54	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 11:54	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 11:54	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 11:54	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 11:54	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 11:54	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	55.1	50-125	%	1.00	04/21/2001 07:05	
Decachlorobiphenyl (Pest/8081)	50.1	46-142	%	1.00	04/21/2001 07:05	
2,4,5,6-Tetrachloro-m-xylene	75.1	50-125	%	1.00	04/24/2001 11:54	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1084)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:12
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	64.4	46-142	%	1.00	04/24/2001 11:54	

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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:06 QC-Batch: 2001/04/20-01.13 2001/04/20-02.14
Matrix: Soil	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 07:36	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 07:36	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 07:36	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 12:22	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 12:22	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 12:22	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 12:22	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 12:22	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 12:22	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 12:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	70.0	50-125	%	1.00	04/21/2001 07:36	
Decachlorobiphenyl (Pest/8081)	66.4	46-142	%	1.00	04/21/2001 07:36	
2,4,5,6-Tetrachloro-m-xylene	98.8	50-125	%	1.00	04/24/2001 12:22	

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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:12
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	87.0	46-142	%	1.00	04/24/2001 12:22	

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Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-10, 0-0.5	Lab Sample ID: 2001-04-0393-009
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:06
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 08:07	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 08:07	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 08:07	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 12:51	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 12:51	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 12:51	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 12:51	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 12:51	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 12:51	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 12:51	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	64.1	50-125	%	1.00	04/21/2001 08:07	
Decachlorobiphenyl (Pest/8081)	67.3	46-142	%	1.00	04/21/2001 08:07	
2,4,5,6-Tetrachloro-m-xylene	86.3	50-125	%	1.00	04/24/2001 12:51	

1220 Quarry Lane * Pleasanton, CA 94566-4756
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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-10, 0-0.5	Lab Sample ID: 2001-04-0393-009
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:12
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	81.4	46-142	%	1.00	04/24/2001 12:51	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-10, 2.5-3	Lab Sample ID: 2001-04-0393-010
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:06 QC-Batch: 2001/04/20-01.13 2001/04/20-02.14
Matrix: Soil	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 08:38	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 08:38	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 08:38	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 13:19	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 13:19	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 13:19	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 13:19	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 13:19	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 13:19	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 13:19	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	64.1	50-125	%	1.00	04/21/2001 08:38	
Decachlorobiphenyl (Pest/8081)	63.4	46-142	%	1.00	04/21/2001 08:38	
2,4,5,6-Tetrachloro-m-xylene	87.8	50-125	%	1.00	04/24/2001 13:19	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-10, 2.5-3	Lab Sample ID: 2001-04-0393-010
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 13:12
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	78.5	46-142	%	1.00	04/24/2001 13:19	

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STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Amiola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-12, 0-0.5	Lab Sample ID: 2001-04-0393-011
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/20/2001 13:06
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 11:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 11:45	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 11:45	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 13:48	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 13:48	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 13:48	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 13:48	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 13:48	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 13:48	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 13:48	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	73.2	50-125	%	1.00	04/21/2001 11:45	
Decachlorobiphenyl (Pest/8081)	66.6	46-142	%	1.00	04/21/2001 11:45	
2,4,5,6-Tetrachloro-m-xylene	94.2	50-125	%	1.00	04/24/2001 13:48	

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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-12, 0-0.5	Lab Sample ID: 2001-04-0393-011
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/20/2001 13:12
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	82.1	46-142	%	1.00	04/24/2001 13:48	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-12, 2.5-3	Lab Sample ID: 2001-04-0393-012
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/20/2001 13:06 QC-Batch: 2001/04/20-01.13 2001/04/20-02.14
Matrix: Soil	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 12:16	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 12:16	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 12:16	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 14:14	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 14:14	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 14:14	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 14:14	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 14:14	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 14:14	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 14:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	70.1	50-125	%	1.00	04/21/2001 12:16	
Decachlorobiphenyl (Pest/8081)	67.2	46-142	%	1.00	04/21/2001 12:16	
2,4,5,6-Tetrachloro-m-xylene	91.2	50-125	%	1.00	04/24/2001 14:14	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-12, 2.5-3	Lab Sample ID: 2001-04-0393-012
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 13:30	Extracted: 04/20/2001 13:12
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	77.7	46-142	%	1.00	04/24/2001 14:14	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-13, 0-0.5	Lab Sample ID: 2001-04-0393-013
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/20/2001 13:06
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 12:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 12:47	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 12:47	
Aroclor 1016	ND	50	ug/Kg	1.00	04/24/2001 14:41	
Aroclor 1221	ND	50	ug/Kg	1.00	04/24/2001 14:41	
Aroclor 1232	ND	50	ug/Kg	1.00	04/24/2001 14:41	
Aroclor 1242	ND	50	ug/Kg	1.00	04/24/2001 14:41	
Aroclor 1248	ND	50	ug/Kg	1.00	04/24/2001 14:41	
Aroclor 1254	ND	50	ug/Kg	1.00	04/24/2001 14:41	
Aroclor 1260	ND	50	ug/Kg	1.00	04/24/2001 14:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	75.3	50-125	%	1.00	04/21/2001 12:47	
Decachlorobiphenyl (Pest/8081)	72.2	46-142	%	1.00	04/21/2001 12:47	
2,4,5,6-Tetrachloro-m-xylene	98.1	50-125	%	1.00	04/24/2001 14:41	

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To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-13, 0-0.5	Lab Sample ID: 2001-04-0393-013
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/20/2001 13:12
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s) Decachlorobiphenyl (PCB/8082)	80.6	46-142	%	1.00	04/24/2001 14:41	

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-13, 2.5-3	Lab Sample ID: 2001-04-0393-014
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/20/2001 13:06
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14
Sample/Analysis Flag sdo (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Dieldrin	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Endrin	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Endrin ketone	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Heptachlor	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
4,4'-DDT	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
4,4'-DDE	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
4,4'-DDD	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Endosulfan I	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Endosulfan II	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
alpha-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
beta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
delta-BHC	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Chlordane (Technical)	ND	50	ug/Kg	1.00	04/21/2001 13:18	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	04/21/2001 13:18	
Toxaphene	ND	100	ug/Kg	1.00	04/21/2001 13:18	
Aroclor 1016	ND	50	ug/Kg	1.00	04/26/2001 23:24	
Aroclor 1221	ND	50	ug/Kg	1.00	04/26/2001 23:24	
Aroclor 1232	ND	50	ug/Kg	1.00	04/26/2001 23:24	
Aroclor 1242	ND	50	ug/Kg	1.00	04/26/2001 23:24	
Aroclor 1248	ND	50	ug/Kg	1.00	04/26/2001 23:24	
Aroclor 1254	ND	50	ug/Kg	1.00	04/26/2001 23:24	
Aroclor 1260	ND	50	ug/Kg	1.00	04/26/2001 23:24	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	64.2	50-125	%	1.00	04/21/2001 13:18	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8081
8082

Attn.: Mark Arniola

Prep Method: 3550/8081
3550/8082

Organochlorine Pesticides & PCBs (8081/8082)

Sample ID: SS-13, 2.5-3	Lab Sample ID: 2001-04-0393-014
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 14:30	Extracted: 04/20/2001 13:06
Matrix: Soil	QC-Batch: 2001/04/20-01.13 2001/04/20-02.14
Sample/Analysis Flag sdo (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Decachlorobiphenyl (Pest/8081)	60.3	46-142	%	1.00	04/21/2001 13:18	
2,4,5,6-Tetrachloro-m-xylene	74.3	50-125	%	1.00	04/26/2001 23:24	
Decachlorobiphenyl (PCB/8082)	72.7	46-142	%	1.00	04/26/2001 23:24	

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To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8081
 Prep Method: 3550/8081

Batch QC Report
 Organochlorine Pesticides & PCBs (8081/8082)

Method Blank	Soil	QC Batch # 2001/04/20-01.13
MB: 2001/04/20-01.13-001		Date Extracted: 04/20/2001 13:06

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	04/21/2001 02:26	
Dieldrin	ND	2.0	ug/Kg	04/21/2001 02:26	
Endrin aldehyde	ND	2.0	ug/Kg	04/21/2001 02:26	
Endrin	ND	2.0	ug/Kg	04/21/2001 02:26	
Endrin ketone	ND	2.0	ug/Kg	04/21/2001 02:26	
Heptachlor	ND	2.0	ug/Kg	04/21/2001 02:26	
Heptachlor epoxide	ND	2.0	ug/Kg	04/21/2001 02:26	
4,4'-DDT	ND	2.0	ug/Kg	04/21/2001 02:26	
4,4'-DDE	ND	2.0	ug/Kg	04/21/2001 02:26	
4,4'-DDD	ND	2.0	ug/Kg	04/21/2001 02:26	
Endosulfan I	ND	2.0	ug/Kg	04/21/2001 02:26	
Endosulfan II	ND	2.0	ug/Kg	04/21/2001 02:26	
alpha-BHC	ND	2.0	ug/Kg	04/21/2001 02:26	
beta-BHC	ND	2.0	ug/Kg	04/21/2001 02:26	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	04/21/2001 02:26	
delta-BHC	ND	2.0	ug/Kg	04/21/2001 02:26	
Endosulfan sulfate	ND	2.0	ug/Kg	04/21/2001 02:26	
4,4'-Methoxychlor	ND	2.0	ug/Kg	04/21/2001 02:26	
Toxaphene	ND	100	ug/Kg	04/21/2001 02:26	
Chlordane (Technical)	ND	50	ug/Kg	04/21/2001 02:26	
alpha-Chlordane	ND	2.0	ug/Kg	04/21/2001 02:26	
gamma-Chlordane	ND	2.0	ug/Kg	04/21/2001 02:26	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	63.6	50-125	%	04/21/2001 02:26	
Decachlorobiphenyl (Pest/8081)	58.8	46-142	%	04/21/2001 02:26	

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8082
 Prep Method: 3550/8082

Batch QC Report
 Organochlorine Pesticides & PCBs (8081/8082)

Method Blank	Soil	QC Batch # 2001/04/20-02.14
MB: 2001/04/20-02.14-001		Date Extracted: 04/20/2001 13:12

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Aroclor 1016	ND	0.05	mg/Kg	04/24/2001 07:08	
Aroclor 1221	ND	0.05	mg/Kg	04/24/2001 07:08	
Aroclor 1232	ND	0.05	mg/Kg	04/24/2001 07:08	
Aroclor 1242	ND	0.05	mg/Kg	04/24/2001 07:08	
Aroclor 1248	ND	0.05	mg/Kg	04/24/2001 07:08	
Aroclor 1254	ND	0.05	mg/Kg	04/24/2001 07:08	
Aroclor 1260	ND	0.05	mg/Kg	04/24/2001 07:08	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	88.2	50-125	%	04/24/2001 07:08	
Decachlorobiphenyl (PCB/8082)	73.6	46-142	%	04/24/2001 07:08	

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8081
Prep Method: 3550/8081

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/20-01.13
LCS: 2001/04/20-01.13-002	Extracted: 04/20/2001 13:06	Analyzed 04/21/2001 02:57
LCSD: 2001/04/20-01.13-003	Extracted: 04/20/2001 13:06	Analyzed 04/21/2001 03:28

Compound	Conc. [ug/Kg]		Exp.Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Aldrin	12.3	12.9	16.7	16.7	73.7	77.2	4.6	37-136	25		
Dieldrin	12.2	13.0	16.7	16.7	73.1	77.8	6.2	58-135	35		
Endrin	11.9	12.7	16.7	16.7	71.3	76.0	6.4	58-134	35		
Heptachlor	12.7	13.3	16.7	16.7	76.0	79.6	4.6	40-136	20		
4,4'-DDT	12.2	13.0	16.7	16.7	73.1	77.8	6.2	55-132	35		
gamma-BHC (Lindane)	12.6	13.2	16.7	16.7	75.4	79.0	4.7	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xyl	32.6	34.7	50	50	65.2	69.4		50-125			
Decachlorobiphenyl	31.6	33.0	50	50	63.2	66.0		46-142			

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8082
Prep Method: 3550/8082

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/20-02.14
LCS: 2001/04/20-02.14-002	Extracted: 04/20/2001 13:12	Analyzed 04/24/2001 07:36
LCSD: 2001/04/20-02.14-003	Extracted: 04/20/2001 13:12	Analyzed 04/24/2001 08:05

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Aroclor 1016	0.0622	0.0614	0.0667	0.0667	93.3	92.1	1.3	65-135	30		
Aroclor 1260	0.0585	0.0574	0.0667	0.0667	87.7	86.1	1.8	65-135	30		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xyl	45.0	45.2	50	50	90.0	90.4		50-125			
Decachlorobiphenyl	42.2	40.3	50	50	84.4	80.6		46-142			

To: **Lowney & Associates Oakland**

Test Method: 8081

Attn.: Mark Arniola

Prep Method: 3550/8081

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/04/20-01.13
Sample ID: SS-7, 0-0.5		Lab Sample ID: 2001-04-0393-007
MS: 2001/04/20-01.13-004	Extracted: 04/20/2001 13:06	Analyzed: 04/21/2001 03:59 Dilution: 1.0
MSD: 2001/04/20-01.13-005	Extracted: 04/20/2001 13:06	Analyzed: 04/21/2001 04:30 Dilution: 1.0

Compound	Conc. [ug/Kg]			Exp. Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Aldrin	11.4	12.6	ND	16.7	16.7	68.3	75.4	9.9	37-136	25		
Dieldrin	11.4	12.6	ND	16.7	16.7	68.3	75.4	9.9	58-135	35		
Endrin	11.3	12.7	ND	16.7	16.7	67.7	76.0	11.6	58-134	35		
Heptachlor	11.9	13.1	ND	16.7	16.7	71.3	78.4	9.5	40-136	20		
4,4'-DDT	11.2	12.5	ND	16.7	16.7	67.1	74.9	11.0	55-132	35		
gamma-BHC (Lindane)	12.0	13.0	ND	16.7	16.7	71.9	77.8	7.9	37-137	35		
Surrogate(s)												
2,4,5,6-Tetrachloro-m-xy	30.3	32.7		50	50	60.6	65.4		50-125			
Decachlorobiphenyl	26.7	29.3		50	50	53.4	58.6		46-142			

To: **Lowney & Associates Oakland**
 Attn.: Mark Arniola

Test Method: 8082
 Prep Method: 3550/8082

Batch QC Report

Organochlorine Pesticides & PCBs (8081/8082)

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/04/20-02.14
Sample ID: SS-7, 2.5-3		Lab Sample ID: 2001-04-0393-008
MS: 2001/04/20-02.14-004	Extracted: 04/20/2001 13:12	Analyzed: 04/24/2001 08:33 Dilution: 1.0
MSD: 2001/04/20-02.14-005	Extracted: 04/20/2001 13:12	Analyzed: 04/24/2001 09:02 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Aroclor 1016	0.0677	0.0675	ND	0.0666	0.0666	101.7	101.4	0.3	65-135	30		
Aroclor 1260	0.0598	0.0574	ND	0.0666	0.0666	89.8	86.2	4.1	65-135	30		
Surrogate(s)												
2,4,5,6-Tetrachloro-m-xy	44.2	47.3		50	50	88.4	94.6		50-125			
Decachlorobiphenyl	41.2	39.8		50	50	82.4	79.6		46-142			

To: **Lowney & Associates Oakland**

Test Method: 8082
8081

Attn: Mark Arniola

Prep Method: 3550/8081
3550/8082

Legend & Notes

Organochlorine Pesticides & PCBs (8081/8082)

Analysis Flags

sdo

Surrogate(s) diluted out

pH

Lowney & Associates Oakland	☒ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-3, 2-2.5	Soil	04/17/2001 11:00	3
SS-6, 3-3.5	Soil	04/17/2001 11:00	6

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 9045C
Prep Method: 9045C

pH

Sample ID: SS-3, 2-2.5	Lab Sample ID: 2001-04-0393-003
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/20/2001
Matrix: Soil	QC-Batch: 2001/04/20-01.22

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
pH	9.0	0.0	SU	1.00	04/20/2001	

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 9045C
Prep Method: 9045C

pH

Sample ID: SS-6, 3-3.5	Lab Sample ID: 2001-04-0393-006
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 11:00	Extracted: 04/20/2001
Matrix: Soil	QC-Batch: 2001/04/20-01.22

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
pH	8.8	0.0	SU	1.00	04/20/2001	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
Attn.: Mark Amiola

Test Method: 9040B
Prep Method: 9040B

Batch QC Report
pH

Method Blank	Water	QC Batch # 2001/04/20-01.22
MB: 2001/04/20-01.22-001		Date Extracted: 04/20/2001

Compound	Result	Rep.Limit	Units	Analyzed	Flag
pH	7.05		SU	04/20/2001	

TEPH w/ Silica Gel Clean-up

Lowney & Associates Oakland	☒ 129 Filbert Street Oakland, Ca 94607
Attn: Mark Arniola	Phone: (510) 267-1970 Fax: (510) 267-1972
Project #: 1424-4	Project: Liquid Sugar

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
SS-7, 0-0.5	Soil	04/17/2001 12:30	7
SS-7, 2.5-3	Soil	04/17/2001 12:30	8

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8015M

Attn.: Mark Amiola

Prep Method: 3550/8015M

TEPH w/ Silica Gel Clean-up

Sample ID: SS-7, 0-0.5	Lab Sample ID: 2001-04-0393-007
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 17:12
Matrix: Soil	QC-Batch: 2001/04/20-06.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	34	1.0	mg/Kg	1.00	04/24/2001 07:33	ndp
Motor Oil	54	50	mg/Kg	1.00	04/24/2001 07:33	
Surrogate(s) o-Terphenyl	88.4	60-130	%	1.00	04/24/2001 07:33	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8015M
Prep Method: 3550/8015M

TEPH w/ Silica Gel Clean-up

Sample ID: SS-7, 2.5-3	Lab Sample ID: 2001-04-0393-008
Project: 1424-4 Liquid Sugar	Received: 04/18/2001 18:40
Sampled: 04/17/2001 12:30	Extracted: 04/20/2001 17:12
Matrix: Soil	QC-Batch: 2001/04/20-06.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/24/2001 06:55	
Motor Oil	ND	50	mg/Kg	1.00	04/24/2001 06:55	
Surrogate(s) o-Terphenyl	75.1	60-130	%	1.00	04/24/2001 06:55	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**
Attn.: Mark Arniola

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report
TEPH w/ Silica Gel Clean-up

Method Blank	Soil	QC Batch # 2001/04/20-06.10
MB: 2001/04/20-06.10-006		Date Extracted: 04/20/2001 17:12

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/24/2001 08:32	
Motor Oil	ND	50	mg/Kg	04/24/2001 08:32	
Surrogate(s) o-Terphenyl	86.0	60-130	%	04/24/2001 08:32	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**

Test Method: 8015M

Attn: Mark Arniola

Prep Method: 3550/8015M

Batch QC Report

TEPH w/ Silica Gel Clean-up

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2001/04/20-06.10
LCS: 2001/04/20-06.10-004	Extracted: 04/20/2001 17:12	Analyzed 04/24/2001 03:04
LCSD: 2001/04/20-06.10-005	Extracted: 04/20/2001 17:12	Analyzed 04/24/2001 03:42

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	33.6	35.4	41.7	41.7	80.6	84.9	5.2	60-130	25		
Surrogate(s)											
o-Terphenyl	18.6	19.6	20.0	20.0	93.0	98.0		60-130			

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-04-0393

To: **Lowney & Associates Oakland**

Test Method: 8015M

Attn.: Mark Arniola

Prep Method: 3550/8015M

Batch QC Report

TEPH w/ Silica Gel Clean-up

Matrix Spike (MS / MSD)	Soil	QC Batch # 2001/04/20-06.10
Sample ID: 3S-3-1.0		Lab Sample ID: 2001-04-0381-001
MS: 2001/04/20-06.10-001	Extracted: 04/20/2001 17:12	Analyzed: 04/24/2001 04:21 Dilution: 1.0
MSD: 2001/04/20-06.10-002	Extracted: 04/20/2001 17:12	Analyzed: 04/24/2001 04:59 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Diesel	32.3	35.4	2.04	41.5	41.4	72.9	80.6	10.0	60-130	25		
Surrogate(s) o-Terphenyl	16.2	17.2		20.0	20.0	81.0	86.0		60-130			

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Lowney & Associates Oakland**
Attn: Mark Arniola

Test Method: 8015M
Prep Method: 3550/8015M

Legend & Notes

TEPH w/ Silica Gel Clean-up

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

CHROMALAB

Change request received by: W

Date Requested: 4/19/01

SAMPLE STATUS CHANGE FORM				Requested by
Submission#	Client Samp.ID	Old Status Description	Description of Changes	(Client's name)
2001040343	SS-6 0-0.5	S200 TEAH-56 S270 CA17 Gas 1521 PES-PRS	HOLD ↓	Worrey ↓
	SS-6 2.5-3.0	↓	↓	↓
Changes were done in lims by(login): <u>W</u> On: <u>4/19/01</u>				
CC: ___ Lab.Director ___ Dept.manager ___ Analyst ___ Proj.Manager				

CHAIN OF CUSTODY RECORD

2001-04-0393

Project Name: Liquid Sugar

Job No.: 1424-4

Report To: Mark Arniola

Sampler (print): Ryan Gerber

Sampler (signature): [Signature]

QC Requirement: Level A (standard)

Turnaround Requirements

- 5 Working Days
- 48 Hours
- 24 Hours
- 2-3 Hours RUSH
- _____

ANALYSES REQUESTED

58741

Sample I.D.	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/AETBE (8015/8020)	TPH as diesel (8015M) + motor oil silica gel column	TRPH (418.1) silica gel column	Halogenated VOCs (8010) (8021 or 8260)	Organochlorine Pesticides (8081)	Metals - As, Hg, Pb, Cd (filter and preserve GW samples in lab)	Fuel Oxygenates (8260B)	PAHs (8310)	PCBs (8082)	Fuel Scan 8020/8015M (Purgeable and Extractable)	CAM 17 metals (8010/8015)	Semi VOC's (8270)	PH	Remarks
✓ EB-3W	4/17/01	10:00		Water	3				X										
✓ EB-5W		12:00		↓	3				X										
✓ SS-3, 2-2½		11:00		Soil	1				X							X			X
✓ SS-6, 0-½		↓		↓	↓	X	X		X	X			X		X	X	X		
✓ SS-6, 2½-3		↓		↓	↓	X	X		X	X			X		X	X	X		X
✓ SS-6, 3-3½		↓		↓	↓				X	X					X	X	X		X
✓ SS-7, 0-½		12:30		↓	↓	X	X		X	X			X		X	X	X		
✓ SS-7, 2½-3		↓		↓	↓	X	X		X	X			X		X	X	X		
✓ SS-10, 0-½		↓		↓	↓				X	X			X		X	X	X		
✓ SS-10, 2½-3		↓		↓	↓				X	X			X		X	X	X		
✓ SS-12, 0-½		13:30		↓	↓				X	X			X		X	X	X		
✓ SS-12, 2½-3		↓		↓	↓				X	X			X		X	X	X		
✓ SS-13, 0-½		14:30		↓	↓				X	X			X		X	X	X		

Relinquished By: [Signature] Date: 4/18/01 Time: 10:55 Received By: [Signature] Date: 4/18/01 Time: 10:55 PM Initial:

Relinquished By: [Signature] Date: 4-18-01 Time: 1840 Received By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____ Lab of Record: STL-CL Temp: _____

Received by Lab: Denise Harrington Date: 4/18/01 Time: 1840

CHAIN OF CUSTODY RECORD

2001-04-0393

Project Name: Liquid Sugar
 Job No.: 1424-4
 Report To: Mark Arniola
 Sampler (print): Ryan Gerber
 Sampler (signature): [Signature]
 QC Requirement: Level A (standard)

Turnaround Requirements

- 5 Working Days
 48 Hours
 24 Hours
 2-3 Hours RUSH

ANALYSES REQUESTED

58741

Sample I.D.	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE (8015/8020)	TPH as diesel (8015M) silica gel column	TRPH (418.1) silica gel column	Halogenated VOCs (8010) (8021 or 8260)	Organochlorine Pesticides (8081)	Metals - As, Hg, Pb, Cd (filer and preserve GW samples in lab)	Fuel Oxygenates (8260B)	PAHs (8310)	PCBs (8082)	Fuel Scan 8020/8015M (Purgeable and Extractable)	CAM 17 Metals	Remarks
SS-13, 2 1/2 - 3'	4/17/01	14:30		Soil	1					X				X		X	

Relinquished By: [Signature] Date: 4/18/01 Time: 10:55 Received By: [Signature] Date: 4/18/01 Time: 1055 PM Initial: _____
 Relinquished By: [Signature] Date: 4/18/01 Time: 7840 Received By: _____ Date: _____ Time: _____
 Relinquished By: _____ Date: _____ Time: _____ Lab of Record: STL-CL Temp: _____
 Received by Lab: Dennis Harrington Date: 4/18/01 Time: 1840