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REPORT OF SOIL AND GROUNDWATER INVESTIGATION

**Macarthur Ltd. Property
900-910 81st Avenue
Oakland, California**

**ACDEH Fuel Leak Case No.: RO0002562
GA Project No. 322-01-02**

Prepared for:

Mr. Richard Weinstein
MacArthur Ltd.
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December 7, 2006



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December 7, 2006

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Steven Plunkett

Subject: Report of Soil and Groundwater Investigation
MacArthur Ltd. Commercial Property
900-910 81st Avenue, Oakland, California
GA Project No. 322-01-02

Ladies and Gentlemen:

Gribi Associates is pleased to submit this Report of Soil and Groundwater Investigation (SGI) on behalf of MacArthur Ltd. for the commercial property located at 900-910 81st Avenue in Oakland, California. This report documents the drilling and sampling of eight soil borings, GA-1 through GA-8, at the site. The goal of the investigation was to provide a comprehensive soil and groundwater assessment in order to address regulatory site closure.

We appreciate the opportunity to present this report for your review. Please call if you have any questions or require additional information.

Very truly yours,

James E. Gribi
Registered Geologist
California No. 5843



Matthew A. Rosman
Project Engineer

JEG/ct

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EXECUTIVE SUMMARY

Gribi Associates is pleased to submit this Report of Soil and Groundwater Investigation (SGI) on behalf of MacArthur Ltd. for the commercial property located at 900-910 81st Avenue in Oakland, California. This report documents the drilling and sampling of eight investigative soil borings, GA-1 through GA-8 at the site. The goal of the investigation was to provide a comprehensive soil and groundwater assessment in order to address regulatory site closure.

All nine soil samples and all seven groundwater samples showed non-detectable concentrations of TPH-MO and TPH-D for. In addition, the six soil samples and four groundwater samples additionally analyzed for TPH-G, BTEX, and HVOCs showed no detectable concentrations of these hydrocarbon constituents.

Low, apparent background, concentrations of barium, chromium, and lead were detected in soil and groundwater samples that were analyzed for RCRA 8 Metals. Barium concentrations ranged from 74 milligrams per kilogram (mg/kg) to 170 mg/kg in soil, and 61 micrograms per liter (ug/l) to 140 ug/l in groundwater. Chromium concentrations ranged from 24 mg/kg to 41 mg/kg in soil and non-detectable in groundwater. Lead concentrations ranged from 22 mg/kg to 54 mg/kg in soil, and 81 ug/l to 150 ug/l in groundwater.

Results of this investigation clearly demonstrate that past businesses and activities on the project site and on adjacent upgradient (east) sites have not significantly impacted the project site environment. Soil and grab groundwater samples from the eight soil borings exhibited no hydrocarbon odors or staining and showed no detectable concentrations of any hydrocarbon constituents. In addition, metals soil and groundwater laboratory analytical results appear to represent background conditions, and do not indicate significant environmental releases or concerns relative to metals. Soil metals results are all well below the San Francisco Bay Regional Water Quality Control Board's (SFBRWQCB) Environmental Screening Levels (ESLs), as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* (Interim Final, February 2005) and clearly represent naturally-occurring (background) concentrations.

Note that, although the groundwater metals results for lead are above the groundwater ESL for estuary aquatic habitat goals, they are significantly lower than the groundwater gross contamination ceiling level ESL. Given that there are no aquatic habitats in the immediate site area and no groundwater use in the area, we would expect that the groundwater gross contamination ESL would apply, and not the aquatic habitat ESL.

Based on the results of this investigation, which clearly identified no significant soil or groundwater hydrocarbons or metals impacts on the site, we recommend that regulatory closure be granted for this site.

1.0 INTRODUCTION

Gribi Associates is pleased to submit this Report of Soil and Groundwater Investigation (SGI) on behalf of MacArthur Ltd. for the former commercial property located at 900-910 81st Avenue in Oakland, California (see Figure 1 and Figure 2). This report documents the drilling and sampling of eight investigative soil borings, GA-1 through GA-8 at the site. The goal of the investigation was to provide a comprehensive soil and groundwater assessment in order to address regulatory site closure. This investigation was conducted in accordance with the Gribi Associates *Workplan for Soil and Groundwater Investigation* (Workplan) dated August 16, 2006, and approved by ACDEH on October 3, 2006.

1.1 Scope of Work

Gribi Associates was contracted by MacArthur Ltd. to conduct the following scope of work.

- **Task 1 Conduct prefield activities.**
- **Task 2 Conduct drilling and sampling activities of 8 soil borings**
- **Task 3 Conduct laboratory analyses.**
- **Task 4 Prepare report of findings.**

These tasks were conducted in accordance with the approved Workplan and with generally accepted sampling guidelines and protocols.

1.2 Limitations

The services provided under this contract as described in this report include professional opinions and judgments based on data collected. These services have been provided according to generally accepted environmental protocol. The opinions and conclusions contained in this report are typically based on information obtained from:

1. Observations and measurements made by our field staff.
2. Contacts and discussions with regulatory agencies and others.
3. Review of available hydrogeologic data.

2.0 SITE BACKGROUND

2.1 General Site Description

The project site consists of a nominally “L”-shaped land parcel located on the south side of 81st Avenue, approximately 900 feet northeast from San Leandro Street (see Figure 1 and Figure 2). According to the USGS San Leandro, California 7.5-Minute Quadrangle Map, the project site lies on a gently southwest-sloping plain approximately 1.5 miles northeast from San Leandro Bay and two miles southwest from the northwest-southeast trending Oakland Hills. The elevation at the project site is approximately 15 feet above mean sea level. The project site is located in a predominantly industrial and commercial area of Oakland.

The project site is currently undergoing redevelopment, with a new multi-tenant building having replaced the previous north building (formerly Units 1 through 6), and a new multi-tenant building in the former yard area north of Units 15, 16, and 17, on the southwest side of the site. During our site visit, we noted that most of the site units are not in use, with the exception of a bakery and a rock counter top company in respective Units 17 and 18, and an unmarked business in Unit 10. All of the building floors are concrete paved, with no apparent drainage channels or catch basins inside the buildings. The yard areas outside the site buildings are, for the most part, asphalt-paved. Four catch basins are present on the south and southwest portions of the yard, adjacent to the south site building (Units 7 through 18). The asphalt yard areas are graded towards the catch basins, and the four catch basins are connected via below ground piping, with drainage appearing to flow to the most northerly catch basin. These catch basins appear to be a closed system, with storm water flowing north to the northerly catch basin, and then northward above ground to 81st Avenue. A separate below ground sewer line appears to run along the site building, between the site building and the catch basins.

2.2 Description of Past Site Activities

Subsurface Consultants, Inc. (SCI), in a document entitled *Environmental Consulting Regarding Underground Storage Tanks, 910 81st Avenue, Oakland, California*, (February 1992), reported that the project site was unoccupied until 1949, when a small (7,200 square feet) building was constructed on the northwest side of the site, adjacent to 81st Avenue. This building was occupied by Tancredy Plumbing from 1949 until the early 1960s, when the property went into foreclosure. A small building addition was apparently added to the site building in 1957, and the south building structure (current Units 7 through 18) were added sometime between the early 1960s and the early 1970s.

The SCI report indicates that one 1,000-gallon gasoline underground storage tank (UST) was installed on the northwest side of the site, adjacent to the 81st Avenue curb, sometime after construction of the building. A former Tancredy Plumbing employee apparently indicated that a second UST may have been present near the rear of the original building (near current Unit 7); however, no fire department or building department records apparently exist for these USTs.

One 1,000-gallon gasoline UST formerly located at the north end of the site was removed in June 1992. One hole was noted in the bottom of the UST, and soil and groundwater samples from the excavation showed detectable concentrations of gasoline constituents. The UST excavation cavity was overexcavated in August 1993, and approximately 90 cubic yards of hydrocarbon-impacted soil was removed for offsite disposal.

In January 1993, four soil borings and one groundwater monitoring well were installed adjacent to the former UST. Soils in the five borings consisted primarily of clays, with a thin (1 to 3-foot thick) clayey sand at about five feet in depth in four of the borings. Groundwater was encountered in the borings at about five feet in depth. Subsequent quarterly groundwater monitoring of groundwater well MW-1, which was located about ten feet southwest from the former UST excavation, showed low concentrations of TPH-G, with no significant BTEX concentrations.

The ACDEH Remedial Action Completion Certification states that groundwater flow direction, based on data from three west sites, varies from southwest to northwest. The certification also states that there are no surface water impacts and that the most sensitive current groundwater use is Industrial.

2.2.1 Elmhurst Anodizing (Unit 18) Closure-Related Activities

Elmhurst Anodizing apparently operated in Unit 18, the most southwesterly unit, from approximately 1990 until their eviction in early 1996. A subsequent inspection of the facility by USEPA revealed the presence of numerous drums and containers with waste acids and caustic solutions that required immediate mitigation. SCI conducted a three-phase removal action which included: (1) Immediate packaging and removal of high-risk containers; (2) Packaging and removal of other liquids, solids, and debris; and (3) Decontamination of interior walls and floors, and sampling of soils and floor and wall surfaces. These activities were conducted successfully, and, while floor and wall surfaces showed some residual metals concentrations, a shallow soil sample collected outside the southwest roll-up door showed neutral pH conditions and background metals concentrations.

AEI Consultants conducted wall and floor wipe sampling in October 2000 which showed elevated levels of lead, zinc, and mercury. The wall and floor areas were apparently pressure washed and epoxy coated, and subsequent wall and floor wipe sample results showed markedly lower concentrations of metals. Based on these results, AEI Consultants recommended no additional remedial or investigative measures.

2.2.2 Environmental Site Assessment Activities

A Phase I environmental site assessment (ESA) prepared by AEI Consultants in February of 2003 identified project site tenants with potential or known hazardous waste storage activities. Review of these sites did not reveal them to be a significant environmental concern. The only recognized environmental conditions that warranted additional attention included: (1) One 55-gallon oil-containing drum and the associated oil-stained gravel ground surface surrounding the drum, located on the western edge of the site; (2) AEI recommended that, based on post-remediation wipe sample results, case closure be pursued for the open CERCLIS case for Unit 18; and (3) AEI recommended that verification be obtained that well MW-1, previously associated with the 1,000-gallon gasoline UST investigation and closure, had been properly decommissioned. The April 2003 Addendum Letter from AEI Consultants states that the 55-gallon oil drum and oil-stained gravel at the western property edge had been removed and, thus, no longer required mitigation or additional investigation.

In March 2006, Basics Environmental conducted a limited Phase II ESA that included the drilling and sampling of five soil borings (SB-1 through SB-5) using direct-push coring equipment. Since no specific areas of concern or subsurface conduits were identified, four of the borings (SB-1 through SB-4) were sited adjacent to catch basins, where potential unchecked hazardous waste spills would be expected to collect, and one of the borings (SB-5) was sited in the unpaved area on the northwest side of the site.

Soil samples collected at four feet in depth from each of the five borings showed no detectable concentrations of hydrocarbons and background levels of metals. A grab groundwater sample collected from southwesterly boring SB-1 showed 4,900 micrograms per liter (ug/l) of Total Petroleum Hydrocarbons as Motor Oil (TPH-MO), 520 ug/l of Total Petroleum Hydrocarbons as Diesel (TPH-D), and 1.2 ug/l of MTBE. The groundwater sample showed no detectable Volatile Organic Compounds (VOCs) and background levels of metals. The TPH-D lab result contains a laboratory flag that states "oil range components are significant", thus indicating that the TPH-D result is carry over from motor oil range hydrocarbons.

After reviewing the Basics Environmental Limited Phase II Environmental Site Sampling report, the Alameda County Department of Environmental Health (ACDEH) issued a letter on June 19, 2006 requesting additional information and investigation at the site. Gribi Associates submitted the *Workplan for Soil and Water Investigation* to ACDEH on August 16, 2006. This workplan attempted to address technical comments contained in the June 19, 2006 ACDEH letter. In addition, the workplan proposed the drilling and sampling of eight investigative soil borings on the site. This workplan was approved by ACDEH on October 3, 2006.

2.3 Regional Geology and Hydrology

The project site is located on the East Bay Plain. Alluvial deposits that generally consist of silt and clay containing thin sandy and gravelly lenses underlie the area. Estuarine mud, known as "Bay Mud," extends east of the San Francisco Bay where it interfingers with the surficial fluvial deposits. Important regional sands, such as the Merritt Sand, appear to exist intermittently beneath the project site. The Hayward fault defines the eastern boundary of the East Bay Plain. The depth to bedrock in the East Bay Plain varies from near zero on the north to 500 feet on the south end of the Plain.

Groundwater in the site vicinity is encountered at shallow depths (normally between five and ten feet below ground surface). Over several quarterly groundwater monitoring events in former site well MW-1, groundwater depths ranged from 4.22 feet to 5.65 feet below top of casing. Based on site topography and direction from San Leandro Bay, as well as on our experience on area sites, we would expect groundwater flow to be to the west-southwest.

In the East Bay Plain, the sources of groundwater recharge include infiltration from rainfall, surface water, and leakage from water and sewer pipes. Groundwater discharge pathways for the East Bay Plain include evapotranspiration, subsurface discharge to the San Francisco Bay, and groundwater pumping. It is our understanding, based on our work on several sites in the area and on our discussions with various ACDEH and SFBRWQCB staff over the years, that there is generally no significant groundwater usage in the vicinity of the project site or in this area of the East Bay Plain.

3.0 DESCRIPTION OF FIELD ACTIVITIES

Soil and groundwater sampling activities were conducted on Friday, November 10, 2006.

3.1 Prefield Activities

Prior to implementing this workplan, written approval was obtained from the ACDEH. Also, soil boring installation permits were obtained and 72-hour pre-field notification was given to Alameda County Public Works Agency. A copy of the ACPWA drilling permit is included in Appendix A.

In addition, proposed boring locations were marked with white paint, and Underground Services Alert (USA) was notified at least 48 hours prior to drilling. Also, a private underground utility locator, ForeSite, cleared proposed boring locations, and traced below ground features on the site.

Prior to initiating drilling activities, a site-specific Health and Safety Plan (HASP) was prepared, and a tailgate safety meeting was conducted with all site workers.

3.2 Location of Borings

Soil boring locations are shown on Figure 3. Borings GA-1 and GA-2 were sited in an expected downgradient (west-southwest) direction from the original site buildings, which were previously occupied by Tancredy Plumbing, Metal Craft Industries, and Derbe Enterprises. Boring GA-3 was sited downgradient from Unit 8, which previously housed Wards Custom Painting. Boring GA-4 was sited downgradient from Unit 12, which previously housed Millward Trucking. Borings GA-5, GA-6, and GA-7 were site around a previous Basics boring (SB-1) on the southeast, northwest, and southwest sides, respectively. Finally, boring GA-8 was sited on the downgradient side of Units 16 and 18, which previously housed Cronin Marine and Elmhurst Anodizing, respectively.

3.3 Drilling and Sampling of Soil Borings

On November 10, 2006, eight investigative soil borings, GA-1 through GA-8, were drilled to depths ranging from approximately nine feet to 20 feet below ground surface. Due to limited accessibility, boring GA-8 was drilled and sampled using hand auger equipment. Borings GA-1 through GA-7 were drilled by Gregg Drilling using direct-push coring equipment. This drilling system allowed for the retrieval of almost continuous soil cores, which were contained in a clear plastic acetate tube, nested inside a stainless steel core barrel. For all borings, after the core barrel was brought to the surface and exposed, soils were examined, logged, and field screened for hydrocarbons by Mr. Jim Gribi, a California registered geologist, using sight and smell. Boring logs for the eight soil borings are contained in Appendix B. Following completion of drilling activities, the eight investigative borings were grouted to match existing surface grade using a cement slurry.

Subsurface soils were sampled using 4-ounce wide mouth jars. Each sample was collected by completely filling the jar, tightly capping and labeling the jar, and placing the jar in cold storage

for transport to the analytical laboratory under formal chain-of-custody. All coring and sampling equipment was thoroughly cleaned and decontaminated between each sample collection by triple rinsing first with water, then with dilute tri-sodium phosphate solution, and finally with distilled water.

One grab groundwater sample was collected from all borings except boring GA-4. Although boring GA-4 was drilled to a depth of 18.5 feet below surface grade and allowed to remain open for over two hours, groundwater did not enter the boring, and, upon grouting, the boring was dry. Groundwater samples were collected using either a clean stainless steel or disposable PVC bailer. Grab groundwater samples were collected as follows: (1) 1-1/4-inch diameter well casing was placed in the boring, with about five feet of slotted screen on the bottom; (2) A grab groundwater was collected and poured directly from the bailer into laboratory-supplied containers; and (3) Each sample container was tightly sealed, labeled, and placed in cold storage for transport to the laboratory under formal chain-of-custody. Note that groundwater samples for metals analysis were collected unfiltered in unpreserved bottles, and were filtered and preserved at the analytical laboratory. All sampling equipment was thoroughly decontaminated between borings.

3.4 Laboratory Analysis of Soil and Groundwater Samples

Soil and grab groundwater samples from borings GA-1 through GA-4 and from GA-8 were analyzed for the following parameters:

- USEPA 8015M Total Petroleum Hydrocarbons as Gasoline Range Organics (TPH-GRO)
- USEPA 8260B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
- USEPA 8015 Total Petroleum Hydrocarbons as Diesel Range Organics (TPH-DRO)
- USEPA 8015 Total Petroleum Hydrocarbons as Motor Oil Range Organics (TPH-MORO)
- USEPA 8260B Volatile Organic Compounds (VOCs)
- USEPA 6020B (ICP-MS) RCRA Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, and Silver)
- USEPA 7470/7471 RCRA Metals-Mercury

Soil and grab groundwater samples from borings GA-5, GA-6, and GA-7 were analyzed for the following parameters:

- USEPA 8015 Total Petroleum Hydrocarbons as Diesel Range Organics (TPH-DRO)
- USEPA 8015 Total Petroleum Hydrocarbons as Motor Oil Range Organics (TPH-MORO)

Note that the workplan proposed to analyzed soil and groundwater samples with significant positive TPH-DRO or TPH-MORO detections (soil >100 mg/kg; water >1,000 ug/l) for the following parameters:

- USEPA 8270 Semi-Volatile Organic Compounds (SVOCs)

However, since there were no positive detections for any hydrocarbons in any of the samples, SVOC analysis was not conducted for any of the soil or groundwater samples.

All samples were analyzed by Sunstar Laboratories, Inc., a state-certified laboratory with standard turn around on laboratory results.

4.0 RESULTS OF INVESTIGATION

4.1 General Subsurface Conditions

Soils encountered in the eight soil borings were generally similar, consisting of primarily dark grey clays down to variable depths ranging from about ten feet in borings GA-3 and GA-5 through GA-8 to about 16 feet in north borings GA-1 and GA-2. A thin generally gravelly and clayey sand was encountered beneath this clay unit in all borings except GA-4. In place of the thin sand unit, GA-4 contained a thin sandy silt layer from about ten feet to 12 feet in depth. Soil cores and samples from the eight borings exhibited no unusual odors or staining.

All borings encountered groundwater except GA-4, which did not include the sand unit encountered in all other borings. Groundwater in the other seven borings was generally encountered in the sand layer, and rose in the borings to a depth of about seven feet below surface grade. During groundwater sampling, we noted no evidence of unusual odors or sheens in groundwater from the seven borings.

4.2 Results of Laboratory Analyses

Soil and grab groundwater laboratory analytical results for hydrocarbon and metals analyses are summarized in Table 1 and Table 2. The laboratory data report and chain-of-custody record for soil and groundwater sample analysis are provided in Appendix C.

All nine soil samples and all seven groundwater samples showed non-detectable concentrations of TPH-MO and TPH-D for. In addition, the six soil samples and four groundwater samples additionally analyzed for TPH-G, BTEX, and HVOCs showed no detectable concentrations of these hydrocarbon constituents.

Low, apparent background, concentrations of barium, chromium, and lead were detected in soil and groundwater samples that were analyzed for RCRA 8 Metals. Barium concentrations ranged from 74 milligrams per kilogram (mg/kg) to 170 mg/kg in soil, and 61 micrograms per liter (ug/l) to 140 ug/l in groundwater. Chromium concentrations ranged from 24 mg/kg to 41 mg/kg in soil and non-detectable in groundwater. Lead concentrations ranged from 22 mg/kg to 54 mg/kg in soil, and 81 ug/l to 150 ug/l in groundwater.

5.0 CONCLUSIONS

Results of this investigation clearly demonstrate that past businesses and activities on the project site and on adjacent upgradient (east) sites have not significantly impacted the project site environment. Soil and grab groundwater samples from the eight soil borings exhibited no hydrocarbon odors or staining and showed no detectable concentrations of any hydrocarbon

constituents. In addition, metals soil and groundwater laboratory analytical results appear to represent background conditions, and do not indicate significant environmental releases or concerns relative to metals. Soil metals results are all well below the San Francisco Bay Regional Water Quality Control Board's (SFBRWQCB) Environmental Screening Levels (ESLs), as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* (Interim Final, February 2005) and clearly represent naturally-occurring (background) concentrations.

Note that, although the groundwater metals results for lead are above the groundwater ESL for estuary aquatic habitat goals, they are significantly lower than the groundwater gross contamination ceiling level ESL. Given that there are no aquatic habitats in the immediate site area and no groundwater use in the area, we would expect that the groundwater gross contamination ESL would apply, and not the aquatic habitat ESL.

6.0 RECOMMENDATIONS

Based on the results of this investigation, which clearly identified no significant soil or groundwater hydrocarbons or metals impacts on the site, we recommend that regulatory closure be granted for this site.

TABLES

Table 1
SUMMARY OF SOIL AND GROUNDWATER HYDROCARBON ANALYTICAL RESULTS
900-910 81st Avenue Site

Sample ID	Sample Depth	Sample Matrix	Concentration, parts per million, ppm (Soil = mg/kg; Groundwater = mg/l)							
			TPH-G	TPH-D	TPH-MO	B	T	E	X	VOCs
GA-1-7.0	7.0 feet	Soil	<0.50	<10	<10	<0.0020	<0.0020	<0.0020	<0.0040	ND ¹
GA-1-W	(6.9 feet)	Water	<0.050	<0.10	<0.10	<0.00050	<0.00050	<0.00050	<0.0010	ND ¹
GA-2-5.0	5.0 feet	Soil	<0.50	<10	<10	<0.0020	<0.0020	<0.0020	<0.0040	ND ¹
GA-2-W	(6.9 ft)	Water	<0.050	<0.10	<0.10	<0.00050	<0.00050	<0.00050	<0.0010	ND ¹
GA-3-6.0	6.0 feet	Soil	<0.50	<10	<10	<0.0020	<0.0020	<0.0020	<0.0040	ND ¹
GA-3-W	(6.9 feet)	Water	<0.050	<0.10	<0.10	<0.00050	<0.00050	<0.00050	<0.0010	ND ¹
GA-4-6.0	6.0 feet	Soil	<0.50	<10	<10	<0.0020	<0.0020	<0.0020	<0.0040	ND ¹
GA-4-11.5	11.5 feet	Soil	<0.50	<10	<10	<0.0020	<0.0020	<0.0020	<0.0040	ND ¹
GA-5-6.0	6.0 feet	Soil	--	<10	<10	--	--	--	--	--
GA-5-W	(7.8 feet)	Water	--	<0.10	<0.10	--	--	--	--	--
GA-6-7.0	7.0 feet	Soil	--	<10	<10	--	--	--	--	--
GA-6-W	(7.3 feet)	Water	--	<0.10	<0.10	--	--	--	--	--
GA-7-6.0	6.0 feet	Soil	--	<10	<10	--	--	--	--	--
GA-7-W	(7.8 feet)	Water	--	<0.10	<0.10	--	--	--	--	--
GA-8-7.0	7.0 feet	Soil	<0.50	<10	<10	<0.0020	<0.0020	<0.0020	<0.0040	ND ¹
GA-8-W	(6.0 feet)	Water	<0.050	<0.10	<0.10	<0.00050	<0.00050	<0.00050	<0.0010	ND ¹
Soil ESL (mg/kg)			400	500	1,000	38	9.3	45	11	Various
Groundwater ESL (mg/l)			0.50	0.64	0.64	0.046	0.13	0.29	0.10	Various

TPH-G = Total Petroleum Hydrocarbons as Gasoline
TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
VOCs = Volatile Organic Compounds
<0.50 = Not detected above the expressed value.

1 = No detectable concentrations of 54 individual VOC constituents.
-- = Not analyzed for this analyte.
ESL = Shallow Soil and Groundwater Environmental Screening Levels for evaluation of commercial/industrial land use, where groundwater is not a current or potential drinking water source, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, Interim Final, February 2005, Appendix 1, Tables B-2 and F-1b.

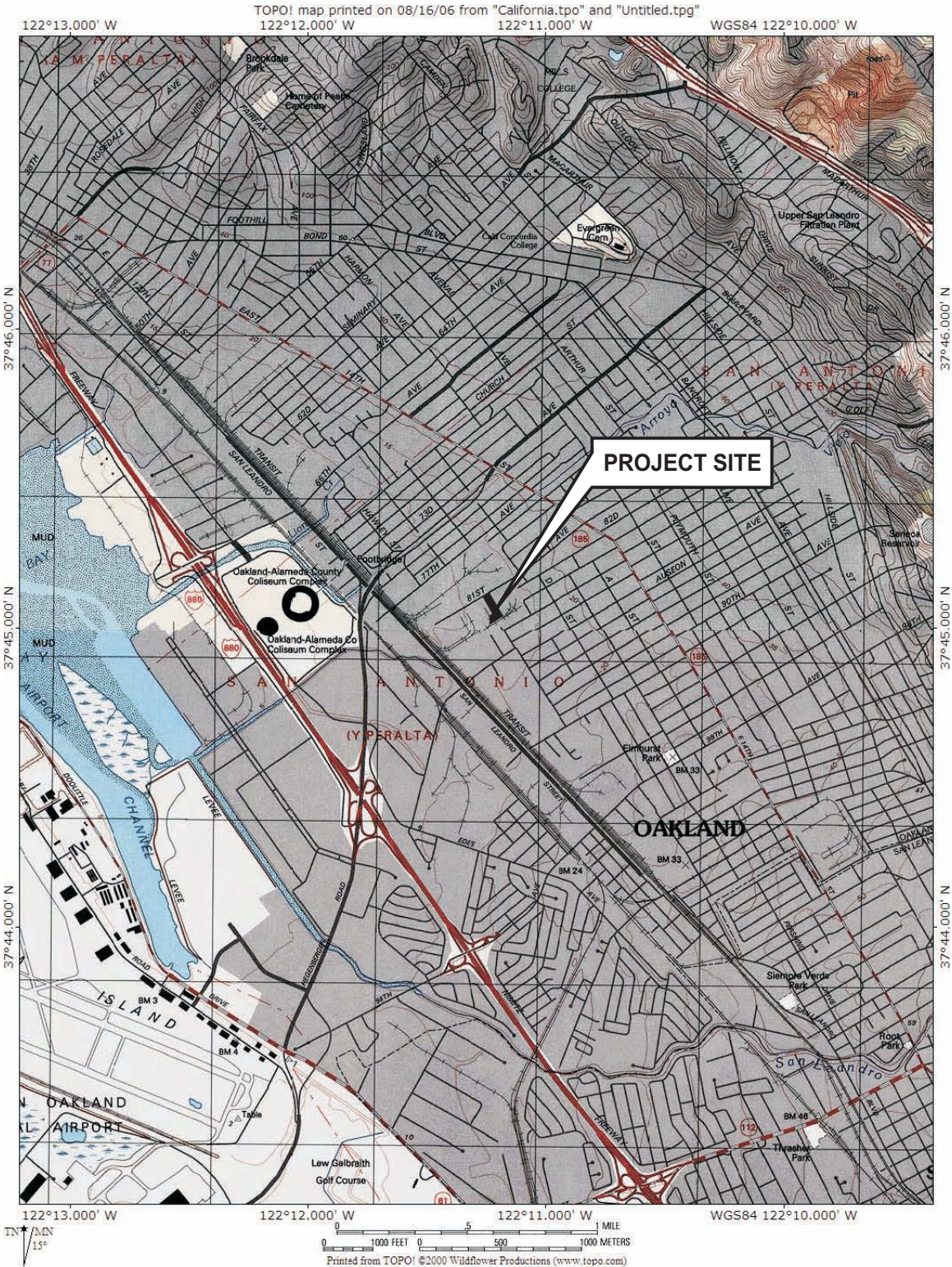
Table 1
SUMMARY OF SOIL AND GROUNDWATER METALS ANALYTICAL RESULTS
900-910 81st Avenue Site

Sample ID	Sample Depth	Sample Matrix	Concentration, parts per million, ppm (Soil = mg/kg; Groundwater = mg/l)							
			AS	BA	CD	CR	PB	SE	AG	HG
GA-1-7.0	7.0 feet	Soil	<5.0	130	<2.0	30	38	<5.0	<2.0	<0.10
GA-1-W	(6.9 feet)	Water	<0.050	0.110	<0.050	<0.050	0.150	<0.050	<0.050	<0.00050
GA-2-5.0	5.0 feet	Soil	<5.0	170	<2.0	41	53	<5.0	<2.0	<0.10
GA-2-W	(6.9 ft)	Water	<0.050	0.140	<0.050	<0.050	0.130	<0.050	<0.050	<0.00050
GA-3-6.0	6.0 feet	Soil	<5.0	210	<2.0	21	42	<5.0	<2.0	<0.10
GA-3-W	(6.9 feet)	Water	<0.050	0.120	<0.050	<0.050	0.120	<0.050	<0.050	<0.00050
GA-4-6.0	6.0 feet	Soil	<5.0	84	<2.0	22	35	<5.0	<2.0	<0.10
GA-4-11.5	11.5 feet	Soil	<5.0	74	<2.0	24	29	<5.0	<2.0	<0.10
GA-5-6.0	6.0 feet	Soil	--	--	--	--	--	--	--	--
GA-5-W	(7.8 feet)	Water	--	--	--	--	--	--	--	--
GA-6-7.0	7.0 feet	Soil	--	--	--	--	--	--	--	--
GA-6-W	(7.3 feet)	Water	--	--	--	--	--	--	--	--
GA-7-6.0	6.0 feet	Soil	--	--	--	--	--	--	--	--
GA-7-W	(7.8 feet)	Water	--	--	--	--	--	--	--	--
GA-8-7.0	7.0 feet	Soil	<5.0	170	<2.0	35	54	<5.0	<2.0	<0.10
GA-8-W	(6.0 feet)	Water	<0.050	0.061	<0.050	<0.050	0.081	<0.050	<0.050	<0.00050
Soil ESL (mg/kg)			5.5	1,500	7.4	58	750	10	40	10
Groundwater Aquatic Habitat ESL (mg/l)			0.036	1.0	0.0011	0.180	0.0025	0.0050	0.00019	0.000012
Groundwater Gross Contamination ESL (mg/l)			50	50	50	50	50	50	50	50

AS = Arsenic
BA = Barium
CD = Cadmium
CR = Chromium, Total
PB = Lead
SE = Selenium
AG = Silver
HG = Mercury
<5.0 = Not detected above the expressed value.

-- = Not analyzed for this analyte.
ESL = Shallow Soil and Groundwater Environmental Screening Levels for evaluation of commercial/industrial land use, where groundwater is not a current or potential drinking water source, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, Interim Final, February 2005, Appendix 1, Tables B-2 and F-1b. Groundwater ESLs for both Estuary Aquatic Habitat Goals and Gross Contamination Ceiling Values (Odors, etc.) are included.

FIGURES



DESIGNED BY:	CHECKED BY:
DRAWN BY: JG	SCALE:
PROJECT NO: 322-01-01	

SITE VICINITY MAP

900-910 81ST AVENUE
OAKLAND, CALIFORNIA

DATE: 12/07/06 FIGURE: 1



81ST AVENUE

APPROX. LOCATION
OF FORMER UST
(CLOSED)

910 81ST AVE
MULTI-TENANT
COMMERCIAL

900 81ST AVE
RESTAURANT

UNPAVED
AREA

MISSION CLAY
PRODUCTS

UNIT 1

UNIT 2

UNIT 3

UNIT 4

UNIT 5

UNIT 6

DEAN'S TRUCKING
(940 81ST AVENUE)

UNIT 7

UNIT 8

UNIT 9

UNIT 10

UNIT 11

UNIT 12

UNIT 13

UNIT 14

UNIT 15

UNIT 16

UNIT 17

UNIT 18

COMMERCIAL BUILDING
(VACANT?)
860 81ST AVENUE

PROJECT SITE
PROPERTY LINE

CATCH
BASIN

U/G STORM
DRAIN

NEW
BUILDING

U/G SEWER
LINE

SB-5

SB-4

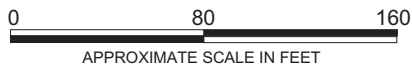
SB-2

SB-3

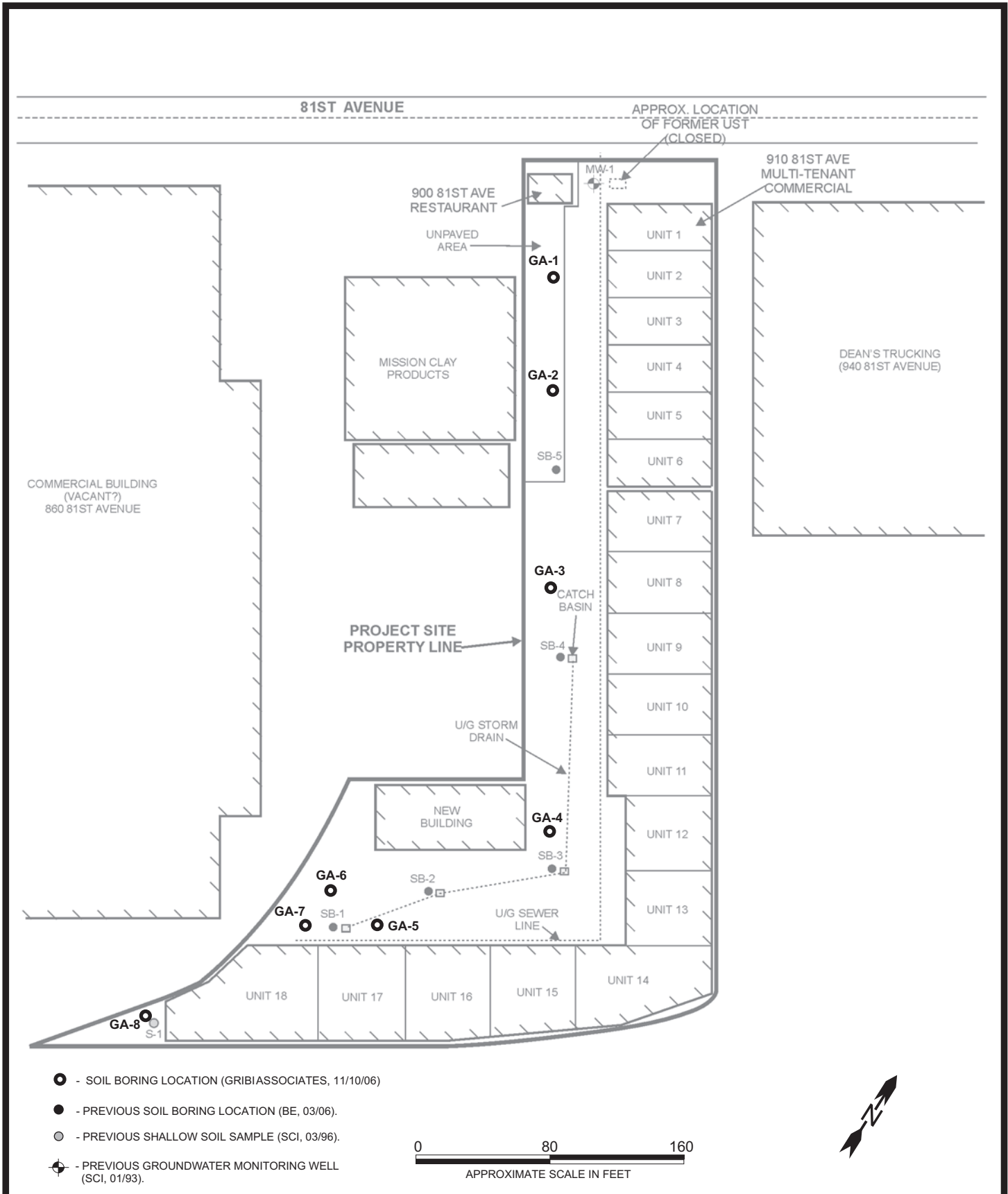
SB-1

S-1

- - PREVIOUS SOIL BORING LOCATION (BE, 03/06).
- - PREVIOUS SHALLOW SOIL SAMPLE (SCI, 03/96).
- ⊕ - PREVIOUS GROUNDWATER MONITORING WELL (SCI, 01/93).



DESIGNED BY:	CHECKED BY:	SITE PLAN	DATE: 12/07/06	FIGURE: 2
DRAWN BY: JEG	SCALE:			
PROJECT NO: 322-01-01		900-910 81st AVENUE OAKLAND, CALIFORNIA		



DESIGNED BY:	CHECKED BY:	SOIL BORING LOCATIONS	DATE: 12/07/06	FIGURE: 3
DRAWN BY: JEG	SCALE:			
PROJECT NO: 322-01-01				

APPENDIX A
SOIL BORING PERMITS

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 10/18/2006 By jamesy

Permit Numbers: W2006-0910
Permits Valid from 10/23/2006 to 10/23/2006

Application Id: 1160686032371
Site Location: 900-910 81st Ave.
Project Start Date: 10/23/2006

City of Project Site:Oakland

Completion Date:10/23/2006

Applicant: Gribi Associates - James Gribi
1090 Adams Street Suite K, Benicia, CA 94510
Property Owner: Richard Weinstein
360 Seventeenth Street Suite 104, Oakland, CA 94612
Client: James Gribi
1090 Adams Street Suite K, Benicia, CA 94510
Contact: Matthew Rosman

Phone: 707-748-7743

Phone: 510-763-3066

Phone: 707-748-7743

Phone: 707-718-8613

Cell: --

Receipt Number: WR2006-0478 Total Due: \$200.00
Payer Name : James E. Gribi Total Amount Paid: \$200.00
Paid By: VISA PAID IN FULL

Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 8 Boreholes
Driller: Gregg Drilling - Lic #: 485165 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2006-0910	10/18/2006	01/21/2007	8	1.25 in.	12.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:

399 Elmhurst Street

Hayward, CA 94544

For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org

For Drilling Permit information and process contact [James Yoo](mailto:James.Yoo@acpwa.org) at

Phone: 510-670-6633

FAX: 510-782-1939

Email: Jamesy@acpwa.org

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

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

Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460

Fax: 510-540-5672

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

Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol [Zone 7 Water Agency](#) Ph: 925-454-5000

Fax: 510-454-5728

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

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

Fees

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

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

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

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

Permit Fees are exempt to State & Federal Projects

Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:

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

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

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

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

Request for Permit Extension:

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

Cancel a Drilling Permit:

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

Refunds/Service Charge:

A service charge of \$25.00 dollars for the first check returned and \$35.00 dollars for each subsequent check returned.

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

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

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

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

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

Enforcement

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

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

Enforcement actions will be determined by this office on a case-by-case basis

Drilling without a permit shall be the cost of the permit(s) and a fine of \$500.00 (Five Hundred Dollars).

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

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

Alameda County Public Works Agency - Water Resources Well Permit

APPENDIX B

SOIL BORING LOGS

LOG OF SOIL BORING

SHEET 1 OF 1

BORING NUMBER : **GA-2**

BORING LOCATION: 81st AVE
OAKLAND, CALIFORNIA

BORING TYPE: Soil Boring

PROJECT NAME: Weinstein 81st Ave.

PROJECT NUMBER:

GRIBI ASSOCIATES

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2 ½ INCHES

COMPLETION METHOD: ASPHALT

BORING TOTAL DEPTH: **20.0 FEET**

GROUNDWATER DEPTH: 18.5 ft (INITIAL)
6.9 ft (FINAL)

START DATE: 11/10/2006

COMPLETION DATE: 11/10/2006

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS ▽ - INITIAL ▲ - FINAL	USCS	LOG OF MATERIAL	
							PIEZOMETER WELL INSTALLATION
						0.0 - 2.0 ft. Asphalt + base rock.	
						2.0 - 5.0 ft. Clay (CL) Dark-grey, moist, firm, dense, no odors or staining.	
	GA-2-5.0	5 FEET				5.0 - 7.5 ft. Clay (CL) Olive grey, moist, firm, dense, no odors or staining.	
10						7.5 - 18.0 ft. Clay (CL) Light brown, slightly silty, moist, no odors or staining.	
						18.0 - 20.0 ft. Gravelly Clayey Sand (SC) Light brown, clayey sand, firm-loose, wet, no odors or staining.	
20						TOTAL BORING DEPTH: 20.0 FEET GROUNDWATER DEPTH, INITIAL: 18.5 FEET GROUNDWATER DEPTH, FINAL: 6.9 FEET GRAB GROUNDWATER SAMPLE GA-2-W COLLECTED	
30							

LOG OF SOIL BORING

BORING NUMBER : GA-6

BORING LOCATION: 81st AVE
OAKLAND, CALIFORNIA

BORING TYPE: Soil Boring

PROJECT NAME: Weinstein 81st Ave.

PROJECT NUMBER:

GRIBI ASSOCIATES

START DATE: 11/10/2006

COMPLETION DATE: 11/10/2006

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2 1/2 INCHES

COMPLETION METHOD: ASPHALT

BORING TOTAL DEPTH: 12.0 ft

GROUNDWATER DEPTH: 11.5 ft (INITIAL)
7.3 ft (FINAL)

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS ▽ - INITIAL ▽ - FINAL	USCS	LOG OF MATERIAL		PIEZOMETER WELL INSTALLATION
						0.0 - 2.0 ft Asphalt + base rock.		
						2.0 - 10.0 ft. Clay (CL) Dark-gray, firm, dense, moist, slight swampy odor, no hydrocarbon odors or staining.		
10	GA-6-7.0	7.0 FEET		▽				
						10.0 - 12.0 ft. Gravelly Sand (SC) Light-brown, loose, wet at 11.5 ft, pea-sized gravel, clayey from 10 to 11 ft, no unusual odors or staining.		
20								
30								
						TOTAL BORING DEPTH: 12.0 FEET GROUNDWATER DEPTH, INITIAL: 11.5 FEET GROUNDWATER DEPTH, FINAL: 7.3 FEET GRAB GROUNDWATER SAMPLE GA-6-W COLLECTED		

LOG OF SOIL BORING

BORING NUMBER : GA-8

BORING LOCATION: 81st AVE
OAKLAND, CALIFORNIA

BORING TYPE: Soil Boring

PROJECT NAME: Weinstein 81st Ave.

PROJECT NUMBER:

GRIBI ASSOCIATES

START DATE: 11/10/2006

COMPLETION DATE: 11/10/2006

DRILLING CONTRACTOR: GREGG DRILLING







DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2 ½ INCHES

COMPLETION METHOD: ASPHALT

BORING TOTAL DEPTH: 9.0 ft

GROUNDWATER DEPTH: 8.5 ft (INITIAL)
6.0 ft (FINAL)

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS ▽ - INITIAL ▽ - FINAL	USCS	LOG OF MATERIAL	PIEZOMETER WELL INSTALLATION
						0.0 - 1.0 ft Gravelly Silt (ML) Gray-brown silt	
						1.0 - 8.5 ft. Clay (CL) Dark-gray, firm, dense, moist, no odors or staining.	
	GA-8-7.0	7.0 FEET		 		8.5 - 9.0 ft. Sandy Gravel Light brown, loose, wet, no odors or staining	
10						TOTAL BORING DEPTH: 9.0 FEET GROUNDWATER DEPTH, INITIAL: 8.5 FEET GROUNDWATER DEPTH, FINAL: 6.0 FEET GRAB GROUNDWATER SAMPLE GA-8-W COLLECTED	
20							
30							

APPENDIX C

**LABORATORY DATA REPORT AND
CHAIN OF CUSTODY RECORD**

17 November 2006

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510
RE: 81st Ave

Enclosed are the results of analyses for samples received by the laboratory on 11/13/06 08:39. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Bonifacio', written in a cursive style.

Maria Bonifacio
Project Coordinator

Gribi Associates
1090 Adam Street, Suite K
Benicia CA, 94510

Project: 81st Ave
Project Number: [none]
Project Manager: Jim Gribi

Reported:
11/17/06 14:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GA-1-7.0	T601549-01	Soil	11/10/06 12:45	11/13/06 08:39
GA-1-W	T601549-02	Water	11/10/06 12:55	11/13/06 08:39
GA-2-5.0	T601549-03	Soil	11/10/06 11:55	11/13/06 08:39
GA-2-W	T601549-04	Water	11/10/06 12:10	11/13/06 08:39
GA-3-6.0	T601549-05	Soil	11/10/06 11:30	11/13/06 08:39
GA-3-W	T601549-06	Water	11/10/06 11:40	11/13/06 08:39
GA-4-6.0	T601549-07	Soil	11/10/06 10:45	11/13/06 08:39
GA-4-11.5	T601549-08	Soil	11/10/06 10:50	11/13/06 08:39
GA-5-6.0	T601549-09	Soil	11/10/06 09:20	11/13/06 08:39
GA-5-W	T601549-10	Water	11/10/06 09:30	11/13/06 08:39
GA-6-7.0	T601549-11	Soil	11/10/06 09:50	11/13/06 08:39
GA-6-W	T601549-12	Water	11/10/06 10:00	11/13/06 08:39
GA-7-6.0	T601549-13	Soil	11/10/06 09:00	11/13/06 08:39
GA-7-W	T601549-14	Water	11/10/06 09:10	11/13/06 08:39
GA-8-7.0	T601549-15	Soil	11/10/06 10:00	11/13/06 08:39
GA-8-W	T601549-16	Water	11/10/06 10:00	11/13/06 08:39

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Extractable Petroleum Hydrocarbons by 8015
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-1-7.0 (T601549-01) Soil Sampled: 11/10/06 12:45 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: Chrysene		116 %	65-135		"	"	"	"	
GA-1-W (T601549-02) Water Sampled: 11/10/06 12:55 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	0.10	mg/l	1	6111408	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: Chrysene		113 %	65-135		"	"	"	"	
GA-2-5.0 (T601549-03) Soil Sampled: 11/10/06 11:55 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: Chrysene		96.1 %	65-135		"	"	"	"	
GA-2-W (T601549-04) Water Sampled: 11/10/06 12:10 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	0.10	mg/l	1	6111408	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: Chrysene		99.2 %	65-135		"	"	"	"	
GA-3-6.0 (T601549-05) Soil Sampled: 11/10/06 11:30 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: Chrysene		98.4 %	65-135		"	"	"	"	
GA-3-W (T601549-06) Water Sampled: 11/10/06 11:40 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	0.10	mg/l	1	6111408	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: Chrysene		94.8 %	65-135		"	"	"	"	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Extractable Petroleum Hydrocarbons by 8015
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-4-6.0 (T601549-07) Soil Sampled: 11/10/06 10:45 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: Chrysene</i>		118 %	65-135		"	"	"	"	
GA-4-11.5 (T601549-08) Soil Sampled: 11/10/06 10:50 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: Chrysene</i>		115 %	65-135		"	"	"	"	
GA-5-6.0 (T601549-09) Soil Sampled: 11/10/06 09:20 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: Chrysene</i>		89.9 %	65-135		"	"	"	"	
GA-5-W (T601549-10) Water Sampled: 11/10/06 09:30 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	0.10	mg/l	1	6111408	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
<i>Surrogate: Chrysene</i>		94.0 %	65-135		"	"	"	"	
GA-6-7.0 (T601549-11) Soil Sampled: 11/10/06 09:50 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/16/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
<i>Surrogate: Chrysene</i>		107 %	65-135		"	"	"	"	
GA-6-W (T601549-12) Water Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	0.10	mg/l	1	6111408	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
<i>Surrogate: Chrysene</i>		118 %	65-135		"	"	"	"	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
1090 Adam Street, Suite K
Benicia CA, 94510

Project: 81st Ave
Project Number: [none]
Project Manager: Jim Gribi

Reported:
11/17/06 14:26

Extractable Petroleum Hydrocarbons by 8015
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-7-6.0 (T601549-13) Soil Sampled: 11/10/06 09:00 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/16/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: Chrysene		110 %	65-135		"	"	"	"	
GA-7-W (T601549-14) Water Sampled: 11/10/06 09:10 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	0.10	mg/l	1	6111408	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: Chrysene		98.2 %	65-135		"	"	"	"	
GA-8-7.0 (T601549-15) Soil Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	10	mg/kg	1	6111404	11/14/06	11/16/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: Chrysene		82.2 %	65-135		"	"	"	"	
GA-8-W (T601549-16) Water Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
C13-C28 (DRO)	ND	0.10	mg/l	1	6111408	11/14/06	11/15/06	EPA 8015m	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: Chrysene		114 %	65-135		"	"	"	"	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

TTLRCRA Metals by EPA 6010B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-1-7.0 (T601549-01) Soil Sampled: 11/10/06 12:45 Received: 11/13/06 08:39									
Arsenic	ND	5.0	mg/kg	1	6111412	11/14/06	11/15/06	EPA 6010B	
Barium	130	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	30	2.0	"	"	"	"	"	"	
Lead	38	3.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	2.0	"	"	"	"	"	"	
GA-1-W (T601549-02) Water Sampled: 11/10/06 12:55 Received: 11/13/06 08:39									
Arsenic	ND	50	ug/l	1	6111407	11/14/06	11/15/06	EPA 6010B	
Barium	110	50	"	"	"	"	"	"	
Cadmium	ND	50	"	"	"	"	"	"	
Chromium	ND	50	"	"	"	"	"	"	
Lead	150	50	"	"	"	"	"	"	
Selenium	ND	50	"	"	"	"	"	"	
Silver	ND	50	"	"	"	"	"	"	
GA-2-5.0 (T601549-03) Soil Sampled: 11/10/06 11:55 Received: 11/13/06 08:39									
Arsenic	ND	5.0	mg/kg	1	6111412	11/14/06	11/15/06	EPA 6010B	
Barium	170	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	41	2.0	"	"	"	"	"	"	
Lead	53	3.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	2.0	"	"	"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

TTLRC RCRA Metals by EPA 6010B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-2-W (T601549-04) Water Sampled: 11/10/06 12:10 Received: 11/13/06 08:39									
Arsenic	ND	50	ug/l	1	6111407	11/14/06	11/15/06	EPA 6010B	
Barium	140	50	"	"	"	"	"	"	
Cadmium	ND	50	"	"	"	"	"	"	
Chromium	ND	50	"	"	"	"	"	"	
Lead	130	50	"	"	"	"	"	"	
Selenium	ND	50	"	"	"	"	"	"	
Silver	ND	50	"	"	"	"	"	"	
GA-3-6.0 (T601549-05) Soil Sampled: 11/10/06 11:30 Received: 11/13/06 08:39									
Arsenic	ND	5.0	mg/kg	1	6111412	11/14/06	11/15/06	EPA 6010B	
Barium	210	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	21	2.0	"	"	"	"	"	"	
Lead	42	3.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	2.0	"	"	"	"	"	"	
GA-3-W (T601549-06) Water Sampled: 11/10/06 11:40 Received: 11/13/06 08:39									
Arsenic	ND	50	ug/l	1	6111407	11/14/06	11/15/06	EPA 6010B	
Barium	120	50	"	"	"	"	"	"	
Cadmium	ND	50	"	"	"	"	"	"	
Chromium	ND	50	"	"	"	"	"	"	
Lead	120	50	"	"	"	"	"	"	
Selenium	ND	50	"	"	"	"	"	"	
Silver	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.



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Benicia CA, 94510

Project: 81st Ave
Project Number: [none]
Project Manager: Jim Gribi

Reported:
11/17/06 14:26

TTL RCRA Metals by EPA 6010B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-4-6.0 (T601549-07) Soil Sampled: 11/10/06 10:45 Received: 11/13/06 08:39									
Arsenic	ND	5.0	mg/kg	1	6111412	11/14/06	11/15/06	EPA 6010B	
Barium	84	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	22	2.0	"	"	"	"	"	"	
Lead	35	3.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	2.0	"	"	"	"	"	"	
GA-4-11.5 (T601549-08) Soil Sampled: 11/10/06 10:50 Received: 11/13/06 08:39									
Arsenic	ND	5.0	mg/kg	1	6111412	11/14/06	11/15/06	EPA 6010B	
Barium	74	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	24	2.0	"	"	"	"	"	"	
Lead	29	3.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	2.0	"	"	"	"	"	"	
GA-8-7.0 (T601549-15) Soil Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
Arsenic	ND	5.0	mg/kg	1	6111412	11/14/06	11/15/06	EPA 6010B	
Barium	170	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	35	2.0	"	"	"	"	"	"	
Lead	54	3.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	2.0	"	"	"	"	"	"	

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Project: 81st Ave
Project Number: [none]
Project Manager: Jim Gribi

Reported:
11/17/06 14:26

TTLRC RCRA Metals by EPA 6010B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-8-W (T601549-16) Water Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
Arsenic	ND	50	ug/l	1	6111407	11/14/06	11/15/06	EPA 6010B	
Barium	61	50	"	"	"	"	"	"	
Cadmium	ND	50	"	"	"	"	"	"	
Chromium	ND	50	"	"	"	"	"	"	
Lead	81	50	"	"	"	"	"	"	
Selenium	ND	50	"	"	"	"	"	"	
Silver	ND	50	"	"	"	"	"	"	

SunStar Laboratories, Inc.



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Benicia CA, 94510

Project: 81st Ave
Project Number: [none]
Project Manager: Jim Gribi

Reported:
11/17/06 14:26

Cold Vapor Extraction EPA 7470/7471
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-1-7.0 (T601549-01) Soil Sampled: 11/10/06 12:45 Received: 11/13/06 08:39									
Mercury	ND	0.10	mg/kg	1	6111413	11/14/06	11/15/06	EPA 7471A Soil	
GA-1-W (T601549-02) Water Sampled: 11/10/06 12:55 Received: 11/13/06 08:39									
Mercury	ND	0.50	ug/l	1	6111405	11/14/06	11/14/06	EPA 7470A Water	
GA-2-5.0 (T601549-03) Soil Sampled: 11/10/06 11:55 Received: 11/13/06 08:39									
Mercury	ND	0.10	mg/kg	1	6111413	11/14/06	11/15/06	EPA 7471A Soil	
GA-2-W (T601549-04) Water Sampled: 11/10/06 12:10 Received: 11/13/06 08:39									
Mercury	ND	0.50	ug/l	1	6111405	11/14/06	11/14/06	EPA 7470A Water	
GA-3-6.0 (T601549-05) Soil Sampled: 11/10/06 11:30 Received: 11/13/06 08:39									
Mercury	ND	0.10	mg/kg	1	6111413	11/14/06	11/15/06	EPA 7471A Soil	
GA-3-W (T601549-06) Water Sampled: 11/10/06 11:40 Received: 11/13/06 08:39									
Mercury	ND	0.50	ug/l	1	6111405	11/14/06	11/14/06	EPA 7470A Water	
GA-4-6.0 (T601549-07) Soil Sampled: 11/10/06 10:45 Received: 11/13/06 08:39									
Mercury	ND	0.10	mg/kg	1	6111413	11/14/06	11/15/06	EPA 7471A Soil	
GA-4-11.5 (T601549-08) Soil Sampled: 11/10/06 10:50 Received: 11/13/06 08:39									
Mercury	ND	0.10	mg/kg	1	6111413	11/14/06	11/15/06	EPA 7471A Soil	
GA-8-7.0 (T601549-15) Soil Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
Mercury	ND	0.10	mg/kg	1	6111413	11/14/06	11/15/06	EPA 7471A Soil	

SunStar Laboratories, Inc.



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1090 Adam Street, Suite K
Benicia CA, 94510

Project: 81st Ave
Project Number: [none]
Project Manager: Jim Gribi

Reported:
11/17/06 14:26

Cold Vapor Extraction EPA 7470/7471
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-8-W (T601549-16) Water Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
Mercury	ND	0.50	ug/l	1	6111405	11/14/06	11/14/06	EPA 7470A Water	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-1-7.0 (T601549-01) Soil Sampled: 11/10/06 12:45 Received: 11/13/06 08:39									
Bromobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-1-7.0 (T601549-01) Soil Sampled: 11/10/06 12:45 Received: 11/13/06 08:39									
1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>103 %</i>		<i>85.5-116</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>109 %</i>		<i>81.2-123</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>110 %</i>		<i>90-135</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

GA-1-W (T601549-02) Water Sampled: 11/10/06 12:55 Received: 11/13/06 08:39

Bromobenzene	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates
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 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-1-W (T601549-02) Water Sampled: 11/10/06 12:55 Received: 11/13/06 08:39									
1,2-Dichlorobenzene	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>103 %</i>	<i>88.8-117</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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GA-1-W (T601549-02) Water **Sampled: 11/10/06 12:55** **Received: 11/13/06 08:39**

Surrogate: 4-Bromofluorobenzene		115 %	83.5-119		6111502	11/15/06	11/16/06	EPA 8260B	
Surrogate: Dibromofluoromethane		104 %	81.1-136		"	"	"	"	

GA-2-5.0 (T601549-03) Soil **Sampled: 11/10/06 11:55** **Received: 11/13/06 08:39**

Bromobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-2-5.0 (T601549-03) Soil Sampled: 11/10/06 11:55 Received: 11/13/06 08:39									
Naphthalene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		107 %		85.5-116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		81.2-123	"	"	"	"	
Surrogate: Dibromofluoromethane		112 %		90-135	"	"	"	"	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-2-W (T601549-04) Water Sampled: 11/10/06 12:10 Received: 11/13/06 08:39									
Bromobenzene	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-2-W (T601549-04) Water Sampled: 11/10/06 12:10 Received: 11/13/06 08:39									
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %		88.8-117	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %		83.5-119	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		106 %		81.1-136	"	"	"	"	

GA-3-6.0 (T601549-05) Soil Sampled: 11/10/06 11:30 Received: 11/13/06 08:39									
Bromobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-3-6.0 (T601549-05) Soil Sampled: 11/10/06 11:30 Received: 11/13/06 08:39									
1,2-Dichlorobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.6 %	85.5-116	"	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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GA-3-6.0 (T601549-05) Soil **Sampled: 11/10/06 11:30** **Received: 11/13/06 08:39**

Surrogate: 4-Bromofluorobenzene		106 %	81.2-123		6111501	11/15/06	11/15/06	EPA 8260B	
Surrogate: Dibromofluoromethane		111 %	90-135		"	"	"	"	

GA-3-W (T601549-06) Water **Sampled: 11/10/06 11:40** **Received: 11/13/06 08:39**

Bromobenzene	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-3-W (T601549-06) Water Sampled: 11/10/06 11:40 Received: 11/13/06 08:39									
Naphthalene	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		104 %		88.8-117	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %		83.5-119	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %		81.1-136	"	"	"	"	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-4-6.0 (T601549-07) Soil Sampled: 11/10/06 10:45 Received: 11/13/06 08:39									
Bromobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-4-6.0 (T601549-07) Soil Sampled: 11/10/06 10:45 Received: 11/13/06 08:39									
1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %		85.5-116	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %		81.2-123	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		107 %		90-135	"	"	"	"	

GA-4-11.5 (T601549-08) Soil Sampled: 11/10/06 10:50 Received: 11/13/06 08:39

Bromobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-4-11.5 (T601549-08) Soil Sampled: 11/10/06 10:50 Received: 11/13/06 08:39									
1,2-Dichlorobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		106 %		85.5-116	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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GA-4-11.5 (T601549-08) Soil Sampled: 11/10/06 10:50 Received: 11/13/06 08:39

Surrogate: 4-Bromofluorobenzene		110 %	81.2-123		6111501	11/15/06	11/15/06	EPA 8260B	
Surrogate: Dibromofluoromethane		106 %	90-135		"	"	"	"	

GA-8-7.0 (T601549-15) Soil Sampled: 11/10/06 10:00 Received: 11/13/06 08:39

Bromobenzene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-8-7.0 (T601549-15) Soil Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
Naphthalene	ND	2.0	ug/kg	1	6111501	11/15/06	11/15/06	EPA 8260B	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		105 %		85.5-116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %		81.2-123	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %		90-135	"	"	"	"	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-8-W (T601549-16) Water Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
Bromobenzene	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GA-8-W (T601549-16) Water Sampled: 11/10/06 10:00 Received: 11/13/06 08:39									
1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	1	6111502	11/15/06	11/16/06	EPA 8260B	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>102 %</i>		<i>88.8-117</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>110 %</i>		<i>83.5-119</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>107 %</i>		<i>81.1-136</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

SunStar Laboratories, Inc.



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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111404 - EPA 3550B GC

Blank (6111404-BLK1)		Prepared: 11/14/06 Analyzed: 11/15/06								
C13-C28 (DRO)	ND	10	mg/kg							
C29-C40 (MORO)	ND	10	"							
<i>Surrogate: Chrysene</i>	<i>121</i>		<i>"</i>	<i>100</i>		<i>121</i>	<i>65-135</i>			

LCS (6111404-BS1)		Prepared: 11/14/06 Analyzed: 11/16/06								
C13-C28 (DRO)	560	10	mg/kg	500		112	75-125			
<i>Surrogate: Chrysene</i>	<i>86.7</i>		<i>"</i>	<i>100</i>		<i>86.7</i>	<i>65-135</i>			

Matrix Spike (6111404-MS1)		Source: T601549-01		Prepared: 11/14/06 Analyzed: 11/16/06						
C13-C28 (DRO)	600	10	mg/kg	500	ND	120	75-125			
<i>Surrogate: Chrysene</i>	<i>111</i>		<i>"</i>	<i>100</i>		<i>111</i>	<i>65-135</i>			

Matrix Spike Dup (6111404-MSD1)		Source: T601549-01		Prepared: 11/14/06 Analyzed: 11/16/06						
C13-C28 (DRO)	550	10	mg/kg	500	ND	110	75-125	8.70	20	
<i>Surrogate: Chrysene</i>	<i>94.3</i>		<i>"</i>	<i>100</i>		<i>94.3</i>	<i>65-135</i>			

Batch 6111408 - EPA 3510C GC

Blank (6111408-BLK1)		Prepared: 11/14/06 Analyzed: 11/15/06								
C13-C28 (DRO)	ND	0.10	mg/l							
C29-C40 (MORO)	ND	0.10	"							
<i>Surrogate: Chrysene</i>	<i>7.81</i>		<i>"</i>	<i>8.00</i>		<i>97.6</i>	<i>65-135</i>			

LCS (6111408-BS1)		Prepared: 11/14/06 Analyzed: 11/15/06								
C13-C28 (DRO)	46.5	0.10	mg/l	40.0		116	75-125			
<i>Surrogate: Chrysene</i>	<i>5.10</i>		<i>"</i>	<i>4.00</i>		<i>128</i>	<i>65-135</i>			

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111408 - EPA 3510C GC

Matrix Spike (6111408-MS1)

Source: T601549-02

Prepared: 11/14/06

Analyzed: 11/15/06

C13-C28 (DRO)	44.2	0.10	mg/l	40.0	ND	110	75-125			
<i>Surrogate: Chrysene</i>	<i>4.66</i>		<i>"</i>	<i>4.00</i>		<i>116</i>	<i>65-135</i>			

Matrix Spike Dup (6111408-MSD1)

Source: T601549-02

Prepared: 11/14/06

Analyzed: 11/15/06

C13-C28 (DRO)	47.6	0.10	mg/l	40.0	ND	119	75-125	7.41	20	
<i>Surrogate: Chrysene</i>	<i>4.89</i>		<i>"</i>	<i>4.00</i>		<i>122</i>	<i>65-135</i>			

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

TTLRC RCRA Metals by EPA 6010B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111407 - EPA 3010A

Blank (6111407-BLK1)

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	ND	50	ug/l							
Barium	ND	50	"							
Cadmium	ND	50	"							
Chromium	ND	50	"							
Lead	ND	50	"							
Selenium	ND	50	"							
Silver	ND	50	"							

LCS (6111407-BS1)

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	1040	50	ug/l	1110		93.7	75-125			
Barium	1160	50	"	1110		105	75-125			
Cadmium	1170	50	"	1110		105	75-125			
Chromium	1190	50	"	1110		107	75-125			
Lead	1070	50	"	1110		96.4	75-125			

Matrix Spike (6111407-MS1)

Source: T601549-02

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	1280	50	ug/l	1110	ND	115	75-125			
Barium	1350	50	"	1110	110	112	75-125			
Cadmium	1200	50	"	1110	ND	108	75-125			
Chromium	1270	50	"	1110	ND	114	75-125			
Lead	1240	50	"	1110	150	98.2	75-125			

Matrix Spike Dup (6111407-MSD1)

Source: T601549-02

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	1190	50	ug/l	1110	ND	107	75-125	7.29	20	
Barium	1190	50	"	1110	110	97.3	75-125	12.6	20	
Cadmium	1040	50	"	1110	ND	93.7	75-125	14.3	20	
Chromium	1100	50	"	1110	ND	99.1	75-125	14.3	20	
Lead	1110	50	"	1110	150	86.5	75-125	11.1	20	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

TTLRC RCRA Metals by EPA 6010B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111412 - EPA 3051

Blank (6111412-BLK1)

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	ND	5.0	mg/kg							
Barium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Lead	ND	3.0	"							
Selenium	ND	5.0	"							
Silver	ND	2.0	"							

LCS (6111412-BS1)

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	107	5.0	mg/kg	100		107	75-125			
Barium	103	1.0	"	100		103	75-125			
Cadmium	101	2.0	"	100		101	75-125			
Chromium	106	2.0	"	100		106	75-125			
Lead	95.4	3.0	"	100		95.4	75-125			

Matrix Spike (6111412-MS1)

Source: T601549-01

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	102	5.0	mg/kg	100	ND	102	75-125	0.00	20	
Barium	292	1.0	"	100	130	162	75-125	7.58	20	QM-03
Cadmium	96.7	2.0	"	100	1.7	95.0	75-125	8.23	20	
Chromium	143	2.0	"	100	30	113	75-125	4.11	20	
Lead	138	3.0	"	100	38	100	75-125	6.99	20	

Matrix Spike Dup (6111412-MSD1)

Source: T601549-01

Prepared: 11/14/06 Analyzed: 11/15/06

Arsenic	102	5.0	mg/kg	100	ND	102	75-125	0.00	20	
Barium	315	1.0	"	100	130	185	75-125	7.58	20	QM-03
Cadmium	105	2.0	"	100	1.7	103	75-125	8.23	20	
Chromium	149	2.0	"	100	30	119	75-125	4.11	20	
Lead	148	3.0	"	100	38	110	75-125	6.99	20	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Cold Vapor Extraction EPA 7470/7471 - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111405 - EPA 7470A Water

Blank (6111405-BLK1)				Prepared & Analyzed: 11/14/06						
Mercury	ND	0.50	ug/l							
LCS (6111405-BS1)				Prepared & Analyzed: 11/14/06						
Mercury	10.4	0.50	ug/l	10.3		101	75-125			
Matrix Spike (6111405-MS1)				Source: T601549-02 Prepared & Analyzed: 11/14/06						
Mercury	9.27	0.50	ug/l	10.3	ND	90.0	75-125			
Matrix Spike Dup (6111405-MSD1)				Source: T601549-02 Prepared & Analyzed: 11/14/06						
Mercury	9.35	0.50	ug/l	10.3	ND	90.8	75-125	0.859	20	

Batch 6111413 - EPA 7471A Soil

Blank (6111413-BLK1)				Prepared: 11/14/06 Analyzed: 11/15/06						
Mercury	ND	0.10	mg/kg							
LCS (6111413-BS1)				Prepared: 11/14/06 Analyzed: 11/15/06						
Mercury	1.95	0.10	mg/kg	2.00		97.5	80-120			
Matrix Spike (6111413-MS1)				Source: T601549-01 Prepared: 11/14/06 Analyzed: 11/15/06						
Mercury	2.00	0.10	mg/kg	2.00	0.066	96.7	75-125			
Matrix Spike Dup (6111413-MSD1)				Source: T601549-01 Prepared: 11/14/06 Analyzed: 11/15/06						
Mercury	1.95	0.10	mg/kg	2.00	0.066	94.2	75-125	2.53	20	

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111501 - EPA 5030 GCMS

Blank (6111501-BLK1)

Prepared & Analyzed: 11/15/06

Bromobenzene	ND	2.0	ug/kg
Bromochloromethane	ND	2.0	"
Bromodichloromethane	ND	2.0	"
Bromoform	ND	2.0	"
Bromomethane	ND	2.0	"
n-Butylbenzene	ND	2.0	"
sec-Butylbenzene	ND	2.0	"
tert-Butylbenzene	ND	2.0	"
Carbon tetrachloride	ND	2.0	"
Chlorobenzene	ND	2.0	"
Chloroethane	ND	2.0	"
Chloroform	ND	2.0	"
Chloromethane	ND	2.0	"
2-Chlorotoluene	ND	2.0	"
4-Chlorotoluene	ND	2.0	"
Dibromochloromethane	ND	2.0	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane (EDB)	ND	2.0	"
Dibromomethane	ND	2.0	"
1,2-Dichlorobenzene	ND	2.0	"
1,3-Dichlorobenzene	ND	2.0	"
1,4-Dichlorobenzene	ND	2.0	"
Dichlorodifluoromethane	ND	2.0	"
1,1-Dichloroethane	ND	2.0	"
1,2-Dichloroethane	ND	2.0	"
1,1-Dichloroethene	ND	2.0	"
cis-1,2-Dichloroethene	ND	2.0	"
trans-1,2-Dichloroethene	ND	2.0	"
1,2-Dichloropropane	ND	2.0	"
1,3-Dichloropropane	ND	2.0	"
2,2-Dichloropropane	ND	2.0	"
1,1-Dichloropropene	ND	2.0	"
cis-1,3-Dichloropropene	ND	2.0	"
trans-1,3-Dichloropropene	ND	2.0	"
Hexachlorobutadiene	ND	2.0	"
Isopropylbenzene	ND	2.0	"
p-Isopropyltoluene	ND	2.0	"
Methylene chloride	ND	2.0	"

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111501 - EPA 5030 GCMS

Blank (6111501-BLK1)

Prepared & Analyzed: 11/15/06

Naphthalene	ND	2.0	ug/kg							
n-Propylbenzene	ND	2.0	"							
Styrene	ND	2.0	"							
1,1,2,2-Tetrachloroethane	ND	2.0	"							
1,1,1,2-Tetrachloroethane	ND	2.0	"							
Tetrachloroethene	ND	2.0	"							
1,2,3-Trichlorobenzene	ND	2.0	"							
1,2,4-Trichlorobenzene	ND	2.0	"							
1,1,2-Trichloroethane	ND	2.0	"							
1,1,1-Trichloroethane	ND	2.0	"							
Trichloroethene	ND	2.0	"							
Trichlorofluoromethane	ND	2.0	"							
1,2,3-Trichloropropane	ND	2.0	"							
1,3,5-Trimethylbenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	2.0	"							
Vinyl chloride	ND	2.0	"							
Benzene	ND	2.0	"							
Toluene	ND	2.0	"							
Ethylbenzene	ND	2.0	"							
m,p-Xylene	ND	4.0	"							
o-Xylene	ND	2.0	"							
C6-C12 (GRO)	ND	500	"							

<i>Surrogate: Toluene-d8</i>	<i>101</i>		<i>"</i>	<i>100</i>		<i>101</i>	<i>85.5-116</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>109</i>		<i>"</i>	<i>100</i>		<i>109</i>	<i>81.2-123</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>108</i>		<i>"</i>	<i>100</i>		<i>108</i>	<i>90-135</i>			

LCS (6111501-BS1)

Prepared & Analyzed: 11/15/06

Chlorobenzene	276	2.0	ug/kg	250		110	75-125			
1,1-Dichloroethene	262	2.0	"	250		105	75-125			
Trichloroethene	293	2.0	"	250		117	75-125			
Benzene	299	2.0	"	250		120	75-125			
Toluene	280	2.0	"	250		112	75-125			

<i>Surrogate: Toluene-d8</i>	<i>98.6</i>		<i>"</i>	<i>100</i>		<i>98.6</i>	<i>85.5-116</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>106</i>		<i>"</i>	<i>100</i>		<i>106</i>	<i>81.2-123</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>100</i>		<i>"</i>	<i>100</i>		<i>100</i>	<i>90-135</i>			

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111501 - EPA 5030 GCMS

Matrix Spike (6111501-MS1)	Source: T601549-01			Prepared & Analyzed: 11/15/06						
Chlorobenzene	187	2.0	ug/kg	250	ND	74.8	75-125			QM-07
1,1-Dichloroethene	211	2.0	"	250	ND	84.4	75-125			
Trichloroethene	211	2.0	"	250	ND	84.4	75-125			
Benzene	210	2.0	"	250	ND	84.0	75-125			
Toluene	206	2.0	"	250	ND	82.4	75-125			
<i>Surrogate: Toluene-d8</i>	<i>102</i>		<i>"</i>	<i>100</i>		<i>102</i>	<i>85.5-116</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>111</i>		<i>"</i>	<i>100</i>		<i>111</i>	<i>81.2-123</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>110</i>		<i>"</i>	<i>100</i>		<i>110</i>	<i>90-135</i>			

Matrix Spike Dup (6111501-MSD1)	Source: T601549-01			Prepared & Analyzed: 11/15/06						
Chlorobenzene	179	2.0	ug/kg	250	ND	71.6	75-125	4.37	20	QM-07
1,1-Dichloroethene	215	2.0	"	250	ND	86.0	75-125	1.88	20	
Trichloroethene	200	2.0	"	250	ND	80.0	75-125	5.35	20	
Benzene	200	2.0	"	250	ND	80.0	75-125	4.88	20	
Toluene	195	2.0	"	250	ND	78.0	75-125	5.49	20	
<i>Surrogate: Toluene-d8</i>	<i>101</i>		<i>"</i>	<i>100</i>		<i>101</i>	<i>85.5-116</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104</i>		<i>"</i>	<i>100</i>		<i>104</i>	<i>81.2-123</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>114</i>		<i>"</i>	<i>100</i>		<i>114</i>	<i>90-135</i>			

Batch 6111502 - EPA 5030 GCMS

Blank (6111502-BLK1)	Prepared: 11/15/06 Analyzed: 11/16/06									
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111502 - EPA 5030 GCMS

Blank (6111502-BLK1)

Prepared: 11/15/06 Analyzed: 11/16/06

1,2-Dibromo-3-chloropropane	ND	1.0	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	0.50	"							

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111502 - EPA 5030 GCMS

Blank (6111502-BLK1)

Prepared: 11/15/06 Analyzed: 11/16/06

Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
C6-C12 (GRO)	ND	50	"							
<i>Surrogate: Toluene-d8</i>	<i>41.4</i>		<i>"</i>	<i>40.0</i>		<i>104</i>	<i>88.8-117</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>44.6</i>		<i>"</i>	<i>40.0</i>		<i>112</i>	<i>83.5-119</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>40.5</i>		<i>"</i>	<i>40.0</i>		<i>101</i>	<i>81.1-136</i>			

LCS (6111502-BS1)

Prepared: 11/15/06 Analyzed: 11/16/06

Chlorobenzene	105	1.0	ug/l	100		105	75-125			
1,1-Dichloroethene	96.6	1.0	"	100		96.6	75-125			
Trichloroethene	108	1.0	"	100		108	75-125			
Benzene	111	0.50	"	100		111	75-125			
Toluene	111	0.50	"	100		111	75-125			
<i>Surrogate: Toluene-d8</i>	<i>39.4</i>		<i>"</i>	<i>40.0</i>		<i>98.5</i>	<i>88.8-117</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>42.4</i>		<i>"</i>	<i>40.0</i>		<i>106</i>	<i>83.5-119</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>42.3</i>		<i>"</i>	<i>40.0</i>		<i>106</i>	<i>81.1-136</i>			

Matrix Spike (6111502-MS1)

Source: T601549-16

Prepared: 11/15/06 Analyzed: 11/16/06

Chlorobenzene	102	1.0	ug/l	100	ND	102	75-125			
1,1-Dichloroethene	91.0	1.0	"	100	ND	91.0	75-125			
Trichloroethene	100	1.0	"	100	ND	100	75-125			
Benzene	106	0.50	"	100	ND	106	75-125			
Toluene	104	0.50	"	100	ND	104	75-125			
<i>Surrogate: Toluene-d8</i>	<i>41.3</i>		<i>"</i>	<i>40.0</i>		<i>103</i>	<i>88.8-117</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>42.9</i>		<i>"</i>	<i>40.0</i>		<i>107</i>	<i>83.5-119</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>41.4</i>		<i>"</i>	<i>40.0</i>		<i>104</i>	<i>81.1-136</i>			

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Maria Bonifacio, Project Coordinator

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: 81st Ave
 Project Number: [none]
 Project Manager: Jim Gribi

Reported:
 11/17/06 14:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6111502 - EPA 5030 GCMS

Matrix Spike Dup (6111502-MSD1)

Source: T601549-16

Prepared: 11/15/06

Analyzed: 11/16/06

Chlorobenzene	103	1.0	ug/l	100	ND	103	75-125	0.976	20	
1,1-Dichloroethene	93.3	1.0	"	100	ND	93.3	75-125	2.50	20	
Trichloroethene	104	1.0	"	100	ND	104	75-125	3.92	20	
Benzene	110	0.50	"	100	ND	110	75-125	3.70	20	
Toluene	108	0.50	"	100	ND	108	75-125	3.77	20	
<i>Surrogate: Toluene-d8</i>	<i>41.2</i>		<i>"</i>	<i>40.0</i>		<i>103</i>	<i>88.8-117</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>44.5</i>		<i>"</i>	<i>40.0</i>		<i>111</i>	<i>83.5-119</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>41.3</i>		<i>"</i>	<i>40.0</i>		<i>103</i>	<i>81.1-136</i>			

SunStar Laboratories, Inc.



Maria Bonifacio, Project Coordinator

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Gribi Associates
1090 Adam Street, Suite K
Benicia CA, 94510

Project: 81st Ave
Project Number: [none]
Project Manager: Jim Gribi

Reported:
11/17/06 14:26

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QM-03 Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

SunStar Laboratories, Inc.

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Maria Bonifacio, Project Coordinator

T601549

Chain of Custody Record

SunStar Laboratories, Inc.
3002 Dow Ave, Suite 212
Tustin, CA 92780
1-800-781-6777

Date: 11/10/06 Page: 1 of 2
Project Name: 81ST AVE
Collector: MATTHEW ROSMAR J Gribl Client Project #:
Batch #: J & A Garcia Proposal #:

Client: GRIBI ASSOCIATES
Address: 1090 ADAMS STREET, SUITE K
Phone: (707) 748-7743 Fax: (707) 748-7763
Project Manager: JAMES GRIBI

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Gas (M8015)	TPH as Diesel (M8015) w/ Silica gel	TPH as Motor Oil (M8015) w/ Silica gel	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List) + GRO	Halogenated VOCs (8260B)	RCRA 8 Metals	Laboratory ID #	Preservative	Comments	Total # of containers
GA-1-7.0	11/10/06	1245	S	GJ			X	X						X		X		01		1
GA-1-W		1255	W	Var			X	X						X		X		02		6
GA-2-5.0		1155	S	GJ			X	X						X		X		03		1
GA-2-W		1210	W	Var			X	X						X		X		04		6
GA-3-6.0		1130	S	GJ			X	X						X		X		05		1
GA-3-W		1140	W	Var			X	X						X		X		06		6
GA-4-6.0		1045	S	GJ			X	X						X		X		07		1
GA-4-11.5		1050	S	GJ			X	X						X		X		08		1
GA-5-6.0		9:20	S	GJ			X	X						X		X		09		6
GA-5-W		9:30	W	Var			X	X						X		X		10		1
GA-6-7.0		9:50	S	GJ			X	X						X		X		11		6
GA-6-W		10:00	W	Var			X	X						X		X		12		1
GA-7-6.0		9:00	S	GJ			X	X						X		X		13		6
GA-7-W		9:10	W	Var			X	X						X		X		14		1

Relinquished by: (signature) [Signature] Date / Time 11/10/06 1500
 Received by: (signature) [Signature] Date / Time 11/10/06 1500
 Relinquished by: (signature) [Signature] Date / Time 11/11/06 0900
 Received by: (signature) [Signature] Date / Time 11/11/06 0900
 Relinquished by: (signature) [Signature] Date / Time _____
 Received by: (signature) _____ Date / Time _____

Total # of containers 44
 Chain of Custody seals Y/N/A
 Seals intact Y/N/A
 Received good condition/cold 6°C
 Notes: Soil TPH-D/MO > 100 → SVOCs
 Wtr " " > 1000 ug/l → SVOCs
 Turn around time: STO. TAT
[Signature] Bk.

Sample disposal instructions: Disposal @ \$2.00 each _____ Return to client _____ Pickup _____

SunStar Laboratories, Inc.
 3002 Dow Ave, Suite 212
 Tustin, CA 92780
 1-800-781-6777

Chain of Custody Record

T601549

Client: **GRIBI ASSOCIATES**
 Address: **1090 ADAMS STREET, SUITE K**
 Phone: **(707) 748-7743** Fax: **(707) 748-7763**
 Project Manager: **JAMES GRIBI**

Date: **11/10/06** Page: **2** of **2**
 Project Name: **81ST AVE**
 Collector: ~~MATTHEW ROEMER~~ **J Gribi** Client Project #:
~~81ST AVE~~ **& A Garcia** Proposal #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Gas (M8015)	TPH as Diesel (M8015) w/ silica	TPH as Motor Oil (M8015) w/ silica	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List) + GRO	Halogenated VOCs (8260B)	RCRA 8 Metals	Laboratory ID #	Preservative	Comments	Total # of containers
GA-8-7.0	11/10/06	1000	S	G			XX	XX						XX		XX		15		7
GA-8-4	11/10/06	1030	W	9			XX	XX						XX		XX		16		6

Relinquished by: (signature) <i>[Signature]</i>	Date / Time 11/10/06 1500	Received by: (signature) <i>[Signature]</i>	Date / Time 11/10/06 1500	Total # of containers: 7 Chain of Custody seals: Y/N/NA Seals intact: Y/N/NA Received good condition/cold: 6°C Turn around time: STD	Notes STD. TAT <i>[Signature]</i>
Relinquished by: (signature) <i>GSO</i>	Date / Time 11/11/06 0900	Received by: (signature) <i>[Signature]</i>	Date / Time 11/11/06 0900		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time		

Sample disposal Instructions: Disposal @ \$2.00 each _____ Return to client _____ Pickup _____