

**SUMMARY OF ENVIRONMENTAL ACTIVITY  
REPORT  
at  
Canterbury Residential Development  
Chesterfield Court, Olympic Avenue, Branaugh Court  
and Holyoke Avenue  
Hayward, California  
for  
SUMMERHILL HOMES  
AND  
CITY OF HAYWARD FIRE DEPARTMENT**

**By**

***TERRASEARCH, inc***

**Project No. 7618.01**

**March 10, 2000**

TABLE 3

Soil Analytical Results  
 Huntwood and Olympic Avenue Site

Sample ID	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6	Parameter 7	Parameter 8	Parameter 9
EB1 5-8	ND	ND	ND	ND	66	ND	410	ND	
EB1 10-12	ND	ND	ND	ND	21	ND	120	ND	
EB2 5-8	ND	*	ND	1.8	200	*	760	ND	
EB2 9-12	ND	**	**	4.4	7.4	ND	330	ND	
EB3 5-8	ND	ND	ND	ND	22	ND	270	ND	
EB3 10-12	ND	ND	ND	ND	4.8	ND	56	ND	
EB4 4-8	ND	ND	ND	ND	1.1	ND	ND	ND	
EB5 5-8	ND	ND	ND	ND	4.4	ND	160	ND	
EB6 5-8	ND	ND	ND	ND	7.7	ND	190	ND	
EB7 5-9	ND	ND	ND	ND	20	ND	420	ND	
EB8 5-9	ND	ND	ND	ND	22	ND	490	ND	

\*EB2 5-8: 6.9ppm ethylbenzene, 93ppm naphthalene, 24ppm isopropylbenzene, 0.0061ppm ethylbenzene

\*\*EB2 9-12: 11ppm isopropylbenzene, 0.17ppm 2-methylnaphthalene

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## SUMMARY OF ENVIRONMENTAL ACTIVITY REPORT

on  
Canterbury Residential Development  
Hayward, California  
for  
SummerHill Homes

### INTRODUCTION

At the request of SummerHill Homes (SummerHill) and the City of Hayward Fire Department (CHFD), *TERRASEARCH, inc.* has prepared this report, which presents a chronological summary of environmental site assessments and remedial activities performed at the site. Previous environmental work, conducted under the direction of the CHFD and the Alameda County Health Care Services Agency (ACHCSA) is presented in this report, along with recently reported remedial actions relating to tar-hydrocarbon-impacted soil on the southwestern portion of the property (previous Lots 72 through 83 revised to Lots 79 through 90) and confirmation sampling within Holyoke Avenue and Branaugh Court.

### SITE DESCRIPTION AND BACKGROUND

#### General

The property is situated on the central-eastern portion of the San Francisco Bay within the greater San Francisco Bay region. The subject site is located approximately one-mile west of the Walpert Ridge (Hayward Hills), and consists of Olympic Avenue and a recently graded site adjacent to and immediately south of Olympic Avenue (formerly 670 Olympic Avenue) in Hayward, California (see Figure 1, Site Vicinity Map). The subject area is mixed residential, commercial, and light industrial activities. This summary of environmental activity report was conducted within the recently realigned Olympic Avenue and the property between Huntwood Drive and Taylor Avenue (see Figure 2, Site Plan).

The local topography at the site is approximately 10 feet above mean sea level (msl) and is approximately 500 to 1,200 feet northwest of Alameda Creek. Alameda Creek is a perennial creek that drains from the Hayward Hills to the San Francisco Bay. Drainage at the site appears to be toward the southwest, along local topography.



### **Local Geology and Hydrogeology**

Based on published materials by Helley et al. (1979), the materials underlying the site consist of medium grained alluvium deposits that are very young (within Holocene Age) deposits that have been deposited in floodplains and in some narrow canyons as valley fills and stream terraces west of the subject site. The medium-grained alluvial deposits consist of unconsolidated, moderately sorted, moderately permeable fine sand, silt, and clayey silt with occasional thin beds of coarse sand. The origin of these younger fluvial deposits are similar to young alluvial fan deposits, but are deposited farther from source. This deposit has a maximum thickness of approximately 12 feet.

The Hayward Fault is approximately 1 mile east of the subject site, and is considered active by the Alquist-Priolo Fault Zones Act (1994). The Hayward Fault is considered a strike-slip fault with right-lateral motion. In addition, the site is within a Seismic Hazard Zone (CDMG, 1997).

Based on our environmental investigations conducted at the site, depth to groundwater ranges from 7.5 to 15 feet bgs. Groundwater flows toward the southeast, based on well data obtained from a site on Ruus Lane located approximately 0.37-mile to the southwest.

### **ENVIRONMENTAL WORK**

A summary of previous environmental work conducted from October 1997 through July 1999 is presented in the following section. The location of all borings, surficial soil samples and other site pertinent information is shown on Figure 2.

#### **Phase I Environmental Site Assessment**

In October 1997, *TERRASEARCH, inc.* conducted a Phase I environmental site assessment (October 27, 1997), which researched the past usage of the subject site and evaluated the potential environmental conditions on the subject property and potential contamination from off-site sources. The subject property was utilized as an automobile repair shops (670 Olympic Avenue), older residential units with automobile storage (524, 550 and 577 Olympic Avenue) and older residential units (29335, 29363, 29367 and 29373 Taylor Avenue).

Review of CHFD and ACHCSA files revealed no records for the presence of underground storage tanks (USTs) on the subject property, but one reported 10,000-gallon diesel UST was permitted for the Toomey Property (687 Olympic Avenue). The Toomey Property is located adjacent to and northwest of the intersection between Olympic Avenue and Huntwood Drive.

Waste-oil was reportedly stored at 670 Olympic Avenue (DMM Enterprises and Japanese Engines and Transmission), and both businesses had permits to store no more than 30-gallons of waste-oil at one time on their respective properties, for a maximum of 90 days (according to Federal RCRA regulations). No files were available for 524, 550 or 577 Olympic Avenues, suggesting that no incidences for the use, storage, and/or disposal of hazardous waste(s) have been reported to the CHFD for these addresses.

Based on the findings of the Phase I environmental site assessment, *TERRASEARCH, inc.* recommended conducting a subsurface environmental assessment within and in the vicinity of 670 Olympic Avenue to evaluate the lateral and vertical extent of petroleum hydrocarbons, solvents, and metals that may have migrated beneath this site. In addition, *TERRASEARCH, inc.* recommended collecting surficial soil samples from all the subject property for evaluation of metal organochloride and metal pesticides and herbicides, due to the prior row-crop farming conducted on the subject site.

#### **Initial Surface and Subsurface Environmental Site Assessment**

In February of 1998, *TERRASEARCH, inc.* conducted a subsurface environmental site assessment (report dated March 9, 1998) by advancing four (4) direct-push borings (borings B-1 through B-4) within and in the vicinity of the structure previously located at 670 Olympic Avenue. Borings B-1 through B-4 were advanced to depths ranging from 13 to 25 feet bgs and continuous core samples were retained from each boring for description and possible laboratory analysis. Groundwater was encountered in all four borings. The logs of borings are attached to Appendix A. A total of ten soil-samples and four groundwater samples were retained and analyzed for petroleum and chlorinated hydrocarbons and metals. In addition, 6 surficial soil samples were collected from the site along Taylor Avenue and Olympic Avenue for analysis for organochloride pesticides, herbicides and metals arsenic, lead, and mercury.

Total petroleum hydrocarbons reported as diesel (TPHd) were detected in soil samples collected from borings B-3 and B-4 at low levels (3.2 to 5.3 milligrams per kilogram [mg/Kg]) and total oil and grease (TOG) was detected in one soil sample from boring B-3 at 130 mg/Kg. Metals were detected within background concentrations in both soil and groundwater from beneath the

site. Chlorinated hydrocarbons and other petroleum hydrocarbons were not detected in the soil samples analyzed and no petroleum or chlorinated hydrocarbons were detected in any groundwater "grab" samples collected from borings B-1 through B-4. The detectable petroleum hydrocarbons in soil samples collected from borings B-3 and B-4 corresponded to a black silty clay layer encountered beneath the site at approximately 4 to 7 feet bgs. Low concentrations of organochloride pesticides were detected in a few surficial soil samples (0.0026 mg/Kg to 0.040 mg/Kg), respectively. The results of the initial subsurface environmental site assessment are shown on Tables 1 and 2, Cumulative Summary of Laboratory Analytical Results of Soil and Groundwater Samples, and are attached in Appendix A, Laboratory Analytical Results and Chain-of-Custody Forms – February 1998.

### Removal and Disposal of UST

On March 3, 1999, a 550-gallon UST was discovered on the southeastern corner of Lot 84 (formerly Lot 77), while the site was being cleared of concrete and asphalt for mass grading. During the records research for the Phase I environmental site assessment (1997), no records of the UST were found for the subject site, indicating that the UST was installed before permits and records of USTs were kept on file with the City of Hayward and Alameda County.

The UST was a 4 foot cubic-square steel box, surrounded by approximately 6-inches of concrete. The UST was left in place, while a *TERRASEARCH, inc.* field geologist collected four soil samples (1 through 4) immediately surrounding the UST. Samples 1 through 3 were collected from the discolored soil beneath and surrounding the UST and sample 4 was collected from the oily sludge within the UST. The samples were delivered under chain-of-custody documentation to Sequoia Analytical of Walnut Creek, a State-certified hazardous waste testing laboratory (certification no. 1271) for analysis.

Soil sample 1 was analyzed for reactivity, corrosivity, and ignitability (RCI), soil samples 2 and 3 were analyzed for volatile organic compounds (VOCs), semi-volatile organics (SVOs), polychlorinated biphenols (PCBs), and CAM 17 metals using Environmental Protection Agency (EPA) Methods 8240, 8270, 8080, and 6000/7000 series. Sludge sample 4 was analyzed for total extractable petroleum hydrocarbons (TEPH) using EPA Methods 3550/8015 (modified). The laboratory analytical results reported that the soil was not hazardous (composited soil samples and sludge sample) and was not reactive with sulfate or cyanide, was not ignitable, and had a pH of 8.4 (non-corrosive). Acetone was the only VOC detected at 680 micrograms per kilogram ( $\mu\text{g}/\text{Kg}$ ) in soil sample 2, and was not detected in soil sample 3. SVOs and PCBs were not

detected, and low concentrations of metals were detected in soil samples 2 and 3. TEPH was reported in sample 4 as diesel (420 mg/Kg) and motor-oil (3,600 mg/Kg).

The excavated soil and sludge was stockpiled on and covered with plastic sheeting. These analytical results were used to profile the stockpiled soil for disposal at Forward Landfill, a Class II landfill facility located near Stockton, California.

On April 14, 1999, a *TERRASEARCH, inc.* field geologist was onsite to supervise the UST removal activities. The UST removal contractor was E & LC Company of Alamo, California; a State of California certified hazardous waste hauler. Mr. Steven Buscovich, a Hayward Fire Department Hazardous Materials Investigator was onsite to observe the tank removal and soil sampling activities. An A-I vacuum truck was called in to remove the rainwater, which had accumulated in the excavated areas around the UST. A sample of the water (W-1) was collected for analysis and placed in a pre-chilled ice chest for temporary storage. Once the water was removed, an E & LC Company excavator began breaking up the concrete tank. A steel tank liner was discovered within the outer concrete vault.

Approximately 536 cubic yards of shredded concrete and metal lining (former UST) and over-excavated soil were transported to Forward Landfill, near Stockton, California, under non-hazardous waste manifests on April 14 and 15, 1999.

The excavation was taken to a maximum depth of approximately 12 feet until the base was completely native soil. The excavation encompassed an area approximately 41 feet long and 22 feet wide. The tank pit walls were observed to be free of staining after over-excavation of the tank pit was concluded.

A *TERRASEARCH, inc.* field geologist collected five soil samples (1-5) from the walls and base of the excavation area. Tar-stained gravel was encountered around the tank location on the south sidewall of the excavation and soil sample 1 was collected for lab analysis. The tar-stained gravel appeared to continue off-site, toward the southeast. The gravel and oily-tar soil was removed and placed on the stockpile. Soil sample 2 was collected at the eastern end, sample 3 was collected below the former UST location (approximately 2 feet below the tank), sample 4 was collected at the northern end, and sample 5 was collected at the western end of the excavation. Each soil sample was collected using clean brass tubes that were capped, labeled, and placed in a pre-chilled ice chest for temporary storage. The soil and water samples were delivered under chain-of-custody documentation to Entech Analytical Labs, a State-certified hazardous waste testing laboratory (certification no. 2346) for analysis. The samples were

analyzed for the following: TPHg and TPHd using EPA Methods 3550/8015 (modified); gasoline constituents benzene, toluene, ethyl benzene, and total xylenes (BTEX) and methyl-tertiary-butyl-ether (MTBE) using EPA Method 8260B; total recoverable petroleum hydrocarbons (TRPH) using Standard Method 5520 D&F; SVOs using EPA Method 8270; HVOs using EPA Method 8010; and metals cadmium, chromium, nickel, lead, and zinc using EPA Method 6010.

Analytical laboratory results of the tar-stained gravel sample 1, collected from the south side of the former excavation, reported detectable concentrations of TPHd at 200 mg/Kg. However, the chromatogram presented within the laboratory analytical results reported that the substance was past the motor-oil product phase, indicating that the material was within the pitch and tar product phase (asphalt). Furthermore, sample 1 reported a TRPH concentration of 550 mg/Kg. Over-excavation soil samples 2 through 4 reported no detectable concentrations of TRPH or TPHd.

Confirmation soil samples collected from beneath the former UST reported no detectable concentrations of petroleum or chlorinated hydrocarbons, with the exception of low concentrations of Methyl tert-Butyl Ether (MTBE) – at 0.0012 to 0.0023 mg/Kg.

The laboratory analytical results are summarized on Tables 1 and 2, and the laboratory analytical reports are attached in Appendix B, Laboratory Analytical Results and Chain-of-Custody Forms – March through April 1999.

#### **Additional Subsurface Environmental Site Assessment**

Prior to transferring the former Olympic Avenue right-of-way to Mr. Bill Toomey at 687 Olympic Avenue, *TERRASEARCH, inc.* conducted an Additional Subsurface Environmental Site Assessment (May 14, 1999) to evaluate the subsurface environmental conditions beneath the western and central portion of Olympic Avenue.

On May 4, 1999, a *TERRASEARCH, inc.* field geologist observed Pacific Drilling of San José, California (C57# 749318) advance four borings (B-1 through B-4) along Olympic Avenue to depths ranging from 10.5 to 11.5 feet bgs using a truck-mounted drilling rig equipped with solid-stem augers. Selected soil samples collected from the borings for retained for description and possible laboratory analysis. The locations of borings B-1 through B-4 are shown on Figure 2

The soil encountered beneath the site generally consisted of 2.5 feet of dark brown sandy silt with gravel (fill) underlain by light grayish brown silty clay with thin layers of fine silty sand to the total

depth explored (11.5 feet bgs). The silty clay unit beneath the sub-grade fill was soft to medium stiff in consistency and moist. No obvious staining or petroleum odors were encountered during the drilling of borings B-1 through B-4. Groundwater was encountered under confined conditions within the thinly bedded silty sand layers at approximately 7.5 to 8 feet bgs, which rose to approximately 5 to 7 feet bgs after 20 minutes. The logs of borings are attached to Appendix C. Soil samples were collected from the borings for description and possible laboratory analysis. Once the soil samples were collected from each boring, groundwater samples were obtained for analysis.

Four soil and four sets of groundwater "grab" samples were delivered under chain-of-custody records to GeoAnalytical Laboratories, Inc. of Modesto, California, a State-certified hazardous waste testing laboratory (Certification No. 1157) for analysis. Soil and groundwater "grab" samples were analyzed for the following: TPHg; TPHd; BTEX; MTBE; HVOs and lead using EPA Methods 5030/LUFT, 3550 LUFT and 3510 LUFT and 8020, 8010 and 7421. In addition, two soil samples from borings B-1 and B-2 were also analyzed for total oil and grease using SM 5520 E&F.

TPHd was detected at a low concentration in a soil sample from boring B-1 beneath Olympic Avenue (near proposed Holyoke Avenue). Other petroleum and chlorinated hydrocarbons and lead were not detected in other soil samples analyzed. The groundwater beneath Olympic Avenue (near proposed Holyoke Avenue and Huntwood Drive) has been impacted by low concentrations of TPHd and MTBE. Other petroleum and chlorinated hydrocarbons and lead were not detected within the groundwater samples. The laboratory analytical results from borings B-1 through B-4 are shown on Tables 1 and 2, and are attached in Appendix C, Laboratory Analytical Results and Chain-of-Custody Forms - May 1999.

The low concentrations of TPHd and MTBE detected in the groundwater samples beneath Olympic Avenue and area between the existing and proposed Olympic Avenue appear to be from an off-site and up-gradient source to the north-northwest. TPHd and MTBE were not detected in groundwater samples collected during the previous initial surface and subsurface environmental assessment (1998).

#### **Tar-Hydrocarbon-Impacted Soil**

In late May 1999, SummerHill's grading contractor encountered tar-hydrocarbon-impacted soil beneath Lots 83 through 86 during mass grading activities. On June 1, 1999, a *TERRASEARCH, inc.* field geologist visited the site and *TERRASEARCH, inc.* recommended

to SummerHill that all tar-hydrocarbon-impacted soil be excavated, removed and disposed at a Class II landfill. It is noted that this area was fenced-off and was not accessible for drilling during our Initial Surface and Subsurface Environmental Site Assessment (1998).

Tar-hydrocarbon-impacted soil was encountered from approximately 1 to 6 feet below former ground surface (bfgs) during mass grading of Lots 79 through 90 (formerly Lots 72 through 83), and beneath the former City of Hayward - Huntwood right-of-way.

On May 29, 1999, SummerHill Homes commenced the removal of tar-hydrocarbon-impacted soil and other debris (tires, wood, appliances, etc.) from Lots 83 through 86 by E & LC Company to Forward Landfill, a Class II sanitary landfill near Stockton, California.

On June 16, 1999, *TERRASEARCH, inc.* field personnel collected soil samples at random locations from Lots 79 through 90 within visibly affected areas. The soil was also visually observed for the presence of tar-hydrocarbon material and native soil was determined to consist of light grayish brown to light tan soil. Soil samples B1 through B5 collected at 2 to 3 feet bgs and TP1A through TP8A (test-pit samples) were submitted to GeoAnalytical Labs, of Stockton, California, a State-certified hazardous waste testing laboratory for analysis. The soil samples were analyzed for TRPH, total extractable petroleum hydrocarbons (TEPH), BTEX and MTBE using EPA LUFT Method 3550, 418.1 and 8020. Soil samples TP1A through TP8A were collected at depths ranging from 4 feet bfgs to 5 feet bfgs.

Laboratory analytical results of all samples reported no detectable concentrations of BTEX or MTBE. All surficial soil samples B1 through B5 reported detectable concentrations of TRPH (220 mg/Kg to 1,100 mg/Kg), but no detectable concentrations of TEPH. Test pit soil samples TP1A, TP2A, TP4A through TP6A reported no concentrations of TRPH or TEPH. However detectable concentrations of TRPH (160 mg/Kg to 1,400 mg/Kg) were reported in TP3A, TP7A and TP8A and detectable concentrations of TEPH as motor oil (510 mg/Kg and 600 mg/Kg) were reported in soil samples TP7A and TP8A. The locations of soil samples B1 through B5 and TP1A through TP8A are shown on Figure 3. The laboratory analytical results of soil sample 1 of the tar material encountered during the UST removal and disposal activities, was also used as a baseline sample for the tar-hydrocarbon-impacted soil encountered within Lots 79 through 90.

Soil samples TP1A, TP2A, TP4A through TP6A were collected in native soil that was not visually unstained and had no odor and were used as <sup>marker samples</sup> for the bottom of the tar-hydrocarbon-impacted soil. Analytical results of these samples reported no detectable

concentrations of TRPH, TEPH, BTEX or MTBE. Soil in the area of TP3A, TP7A and TP8A was further excavated until no visible staining or odor was noted.

Based on the laboratory analytical results from soil samples B1 through B5 and SP1A through SP8A, the impacted soil was removed from Lots 79 through 90, including the former City of Hayward - Huntwood Drive right-of-way.

On June 22, 1999, two additional soil samples were collected from Lots 81 and 82 (currently Lots 88 and 89) and submitted under chain-of-custody documentation to GeoAnalytical Labs, Inc. for analysis. Soil sample Lot 81 was collected from native material and soil sample Lot 82 was collected from apparent tar-hydrocarbon-impacted soil, and were analyzed for TRPH, TEPH, MTBE and BTEX using EPA Leaking Underground Fuel Tank (LUFT) Method 3550, 418.1 and 8020. Laboratory analytical results reported no detectable concentrations for BTEX or MTBE for either of these soil samples. TEPH was not detected in native sample Lot 81, but was detected at a concentration of 280 mg/Kg in fill sample Lot 82. In addition, a low concentration of TRPH was detected in native sample Lot 81 (95 mg/Kg), but an elevated concentration of TRPH (4,100 mg/Kg) was detected in fill sample Lot 82. On June 25, 1999, *TERRASEARCH, inc.* directed SummerHill to further excavate Lot 82 to approximately 6 feet bgs, until native material was encountered.

On June 25, 1999, soil sample Lot 77 was collected from former Lot 77 (Lot 84) and analyzed for TEPH, TRPH, MTBE and BTEX. None of these constituents were detected in soil sample Lot 77 and excavation activities were ceased. The laboratory analyses are summarized on Tables 1 and 2, and are attached in Appendix D, Laboratory Analytical Results and Chain-of-Custody Forms - June 1999.

By the end of June 1999, a total of approximately 11,748 cubic yards of tar-hydrocarbon-impacted soil and miscellaneous debris was removed from the site and disposed of at Forward Landfill. Approximately 6 feet of overburden debris and tar-hydrocarbon-impacted soil was excavated from beneath Lots 79 through 90 and Chesterfield Court, and approximately 7 feet of debris and tar-hydrocarbon-impacted soil was excavated from beneath Lot 85.

Approximately 2,000 cubic yard mixture of scarified native soil and tar-hydrocarbon-impacted soil was stockpiled along the future Chesterfield Court. This stockpile represented final clearing of the tar-hydrocarbon-impacted soil from the proposed Lots 79 through 90. SummerHill was concerned about the quantity of soil and debris removed from the site and associated costs, and requested *TERRASEARCH, inc.* to evaluate alternative disposal options for the remaining



approximately 2,000 cubic yard soil stockpile. *TERRASEARCH, inc.* relayed to SummerHill that some cities allow encapsulation of soil within street right-of-ways, but that the City of Hayward would have to approve encapsulation. Since the CHFD or the ACHCSA was not notified of the tar-hydrocarbon-impacted soil discovered during mass grading activities, SummerHill did not want to obtain approval from the City of Hayward to encapsulate the tar-hydrocarbon-impacted soil within the streets at the site.

#### **Placement of Tar-Hydrocarbon-Impacted/Native Soil in Streets**

By late June 1999, Lots 79 through 90 and former City Huntwood right-of-way were cleared of the tar-hydrocarbon-impacted soil and disposal-activities of the tar-hydrocarbon-impacted soil into Forward Landfill were ceased. Native soil was excavated from Holyoke Avenue (including former Silverstar Court) and Branaugh Court and imported to build up Lots 72 through 83 to pad grade. A stockpile of tar-hydrocarbon-impacted soil and native material mixture was then encapsulated in the street areas. Portions of these streets were excavated to depths ranging from approximately 7 to 9.5 feet and compacted to depths ranging from 5 to 6 feet. No groundwater was encountered within these excavations. The mixture of tar-hydrocarbon-impacted fill and native soil material was placed within portions of Holyoke Avenue (including former Silverstar Court) and Branaugh Court, compacted to approximately one to two feet below the lowest utility line proposed within the streets. The approximate lateral extent of the location of the tar-hydrocarbon-impacted soil mixture placement is shown on Figure 3, Encapsulated Tar Soil Areas.

Although the City of Hayward nor the ACHCSA was notified of the additional tar-hydrocarbon-impacted soil encountered beneath Lots 79 through 90 (formerly Lots 72 through 83), *TERRASEARCH, inc.* conducted this phase of environmental work in a manner consistent with other remedial projects performed within the greater San Francisco Bay Area.

#### **Subsurface Environmental Site Assessment – Park Site**

Prior to transferring the 1.1-acre parcel from Hayward Area Recreation and Park District to SummerHill, *TERRASEARCH, inc.* conducted a Subsurface Environmental Site Assessment (July 28, 1999) to evaluate if petroleum- and chlorinated-hydrocarbons and metals were present and/or absence on this parcel in Hayward, California. In addition, boring B-5 was drilled and sampled to evaluate the presence of petroleum hydrocarbons related to the former UST removed in April 1999 from Lot 84.

On July 2, 1999, a *TERRASEARCH, inc.* field geologist observed Pacific Drilling of San Jose, California (C57# 749318) advance five borings (B-1 through B-5) beneath the subject site to depths ranging from 15 to 20 feet bgs using a truck-mounted drilling rig equipped with solid-stem augers. Selected soil samples collected from the borings were retained for description and laboratory analysis. The locations of borings B-1 through B-5 are shown on Figure 3.

The soil encountered beneath the site generally consisted of approximately 5 feet of dark brown to black sandy clay underlain by grayish brown clayey sand to 20 feet bgs (total explored depth). The clayey sand unit was loose to medium dense and moist at approximately 5 feet. No obvious staining or petroleum odors were encountered during the drilling of borings B-1 through B-5. Groundwater was encountered at depths ranging from 10 to 16 feet bgs, which stabilized at approximately 8 to 14 feet bgs after 20 minutes. The logs of borings are attached to Appendix E.

Soil samples were collected from the borings for description and possible laboratory analysis. Once the soil samples were collected from each boring and groundwater was encountered, groundwater was collected from each boring for analysis.

Eight soil samples and three sets of groundwater "grab" samples were delivered under chain-of-custody documentation to GeoAnalytical Laboratories, Inc. of Modesto, California, a State-certified hazardous waste testing laboratory for analysis.

Soil and groundwater "grab" samples were analyzed for the following constituents: TPHg using EPA Method 5030; TPHd using EPA Methods 3550 (soil) and 3510 (water); BTEX and MTBE using EPA Methods 8020 (soil) and 602 (water); TRPH using EPA Method 418.1; HVOs using EPA Methods 8010 (soil) and 601 (water) and metals (cadmium, chromium, lead, nickel and zinc) using EPA Methods 6010 and 7420.

Soil samples collected from borings B-1 through B-5 reported non-detectable concentrations of TPHg, TPHd, BTEX, MTBE, TRPH, and HVOs. However, a low concentration of TRPH at 73 mg/Kg was detected in a soil sample collected at 11 feet bgs in boring B-5. LUFT metals were detected at concentrations ranging from 0.8 to 120 mg/Kg.

Groundwater "grab" samples collected from borings B-1 and B-2 reported non-detectable concentrations of TPHg, TPHd, BTEX, MTBE, TRPH, and HVOs. Groundwater "grab" samples collected from boring B-5 reported non-detectable concentrations of TPHg, TPHd, BTEX, TRPH and HVOs. MTBE was detected in groundwater "grab" sample B-5 at a low concentration of 2.6 micrograms per liter ( $\mu\text{g/L}$ ). Chromium was detected in sample B-1 at 0.02 milligrams per liter

(mg/L). All other LUFT metals were reported as non-detectable. The laboratory analytical results are summarized on Tables 1 and 2, and are attached in Appendix E, Laboratory Analytical Results and Chain-of-Custody Forms – July 1999.

Based on the laboratory analytical results of soil and groundwater samples collected during this Subsurface Environmental Site Assessment (1999), no further environmental work was recommended on the Park Site.

### **Evaluation of Tar-Hydrocarbon Encapsulated Soil Areas**

On March 3, 2000, CHF D requested permission from SummerHill to drill and sample soil and groundwater from within the tar-hydrocarbon encapsulated soil areas (along Branaugh Court and Holyoke Avenue). SummerHill granted CHF D access to drill within the streets on the subject site. The following information has been provided at the approval of the CHF D.

On March 6, 2000, CHF D sub-contracted ACC Environmental Consultants (ACC) of Oakland, California, to perform the subsurface environmental investigation. ACC supervised the advancement of eight direct-push borings (EB-1 through EB-8) using an Environmental Control Associates (C57-695970) direct-push drilling rig of Aptos, California. Each boring was sampled using a 4-foot continuous core sampler, lined with Butyrate and an ACC field geologist logged each boring. The borings were advanced to depths ranging from 12 to 16 feet bgs and consisted of three to four 4-foot continuous soil sample cores (depending on depth of boring). An ACC field geologist labeled each four-foot soil sample-section according to depth, boring number and depth direction. Each 4-foot continuous soil sample section was reduced into one-foot soil samples, in which the ends of the soil samples were covered with Teflon tape, capped, labeled and placed in an ice-chest for storage and possible analysis. Once soil-sampling activities were completed, groundwater "grab" samples were collected from each boring for analysis. The locations of borings EB-1 through EB-8 are shown on Figure 2.

Selected soil and groundwater "grab" samples from borings EB-1 through EB-8 were delivered by ACC under chain-of-custody documentation to Chromalab, Inc., a State-certified hazardous testing laboratory (certification no. 1094) for analysis. Each set of three to four soil samples collected from depths known to contain tar-hydrocarbon-impacted soil was composited into one composite soil sample by Chromalab, Inc. prior to analysis. The composited soil samples and groundwater "grab" samples were analyzed for PCBs, TOG, SVOs, LUFT metals, VOCs, TPHg, BTEX, MTBE and TPHd using EPA Methods 8080A, 8270A, 6010B, 8260A, 8015 (modified)/8020 and SM 5520B&E.

The laboratory analytical results of the composited soil samples (with depth) and groundwater "grab" samples are attached on Tables 3 through 5. MTBE and PCBs were not detected in any composited soil and/or groundwater "grab" sample analyzed from borings EB-1 through EB-8. In addition, TOG was not detected in any groundwater "grab" sample analyzed from borings EB-1 through EB-8. However, very low concentrations of VOCs and SVOs were detected in composited soil samples EB2 5-8 (0.0069 mg/Kg ethyl benzene, 0.093 mg/Kg naphthalene, 0.024 mg/Kg isopropylbenzene and 0.0061 ethyl benzene) and EB2 9-12 (0.011 mg/Kg isopropylbenzene and 0.17 mg/Kg 2-methylnaphthalene).

Low to moderate concentrations of TPHd (1.1 mg/Kg to 200 mg/Kg) and low to elevated concentrations of TOG (not detected to 760 mg/Kg) were reported in all composited soil samples. Low levels of TPHg were detected in composited soil samples EB2 5-8 and EB2 9-12 (1.8 mg/Kg and 4.4 mg/Kg).

Very low concentrations of SVOs naphthalene and methylnaphthalene were detected in groundwater "grab" samples collected from borings EB-1 and EB-2 (ranging from 11 µg/L to 13 µg/L). Very low concentrations of VOCs total xylenes, ethyl benzene, isopropylbenzene and naphthalene were detected in groundwater "grab" samples collected from borings EB-1, EB-2, EB-4 and EB-6 through EB-8 (ranging from 0.66 µg/L to 11 µg/L). TPHd was detected in groundwater "grab" samples collected from borings EB-1 (130 µg/L), EB-2 (190 µg/L), EB-5 (85 µg/L) and EB-7 (77 µg/L), respectively. Metals were detected in both composited soil and groundwater "grab" samples at background concentrations. Laboratory analytical results are summarized on the attached Tables 3 through 5 and are attached to Appendix F, Laboratory Analytical Reports and Chain-of-Custody Forms.

Chromalab, Inc. stated that the reported TPHg and/or TPHd detected in soil and/or groundwater "grab" samples do not match the gasoline or diesel standard indicating that these constituents are probably weathered oil and grease.

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## SUMMARY

Based on the environmental work performed at the subject site, *TERRASEARCH, inc.* summarizes the following:

- A 550-gallon UST was encountered on the eastern-southeastern portion of Lot 84, which was removed, disposed and closed through the CHFD. During the removal of the former UST, tar-stained gravel was observed continuing into the southeastern, adjacent property. This adjacent property may be an additional source of the tar-based hydrocarbons.
- Tar-hydrocarbon-impacted soil was encountered beneath Lots 79 through 90 (formerly Lots 72 through 83) at depths ranging from 1 foot bgs to approximately 6 feet bgs. The tar-hydrocarbon-impacted soil was excavated, along with debris, which was truck-loaded offsite to Forward Landfill from Late May 1999 to Late June 1999. A total of 11,748 cubic yards of tar-hydrocarbon-impacted soil and miscellaneous debris was removed from the site and disposed of at Forward Landfill near Stockton, California.
- Low concentrations of MTBE and TPHd were detected in groundwater samples collected from borings within the former Olympic Avenue, indicating an offsite and up-gradient source of MTBE and TPHd.
- An approximate 2,000 cubic yard mixture of native soil and tar-hydrocarbon-impacted soil was placed and compacted beneath Branaugh Court and Holyoke Avenue from approximately 9.5 to 7 feet, to approximately 5 and 6 feet bfgs. Confirmation soil and groundwater "grab" samples collected from borings EB-1 through EB-8 verified that tar-hydrocarbon-impacted soil was placed beneath Branaugh Court and Holyoke Avenue at concentrations of at least 760 mg/Kg in soil and 0.190 mg/L in groundwater.

## LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental geological practice in California at the time this investigation was conducted. This assessment was conducted solely for the purpose of evaluating environmental conditions of subsurface soil and groundwater with respect to potential chemicals associated with petroleum and chlorinated hydrocarbons and lead. No soil engineering or geotechnical implications are stated or should be inferred. Evaluation of the hydrogeologic conditions at the site for the purpose of this

assessment was conducted from a limited number of observation points. Subsurface conditions may vary away from the data points available at the site.

#### REFERENCES

Helley, E.J. and LaJoie, K. R., 1979. *Flatland Deposits - Their Geology and Engineering Properties and Their Importance to Comprehensive Planning*, U.S.G.S. Geological Professional Paper 943.

Terrasearch, Inc., October 24, 1997. *Phase I Environmental Site Assessment at Selected Properties on Olympic and Taylor Avenues, Hayward, California*. Project No. E7618.

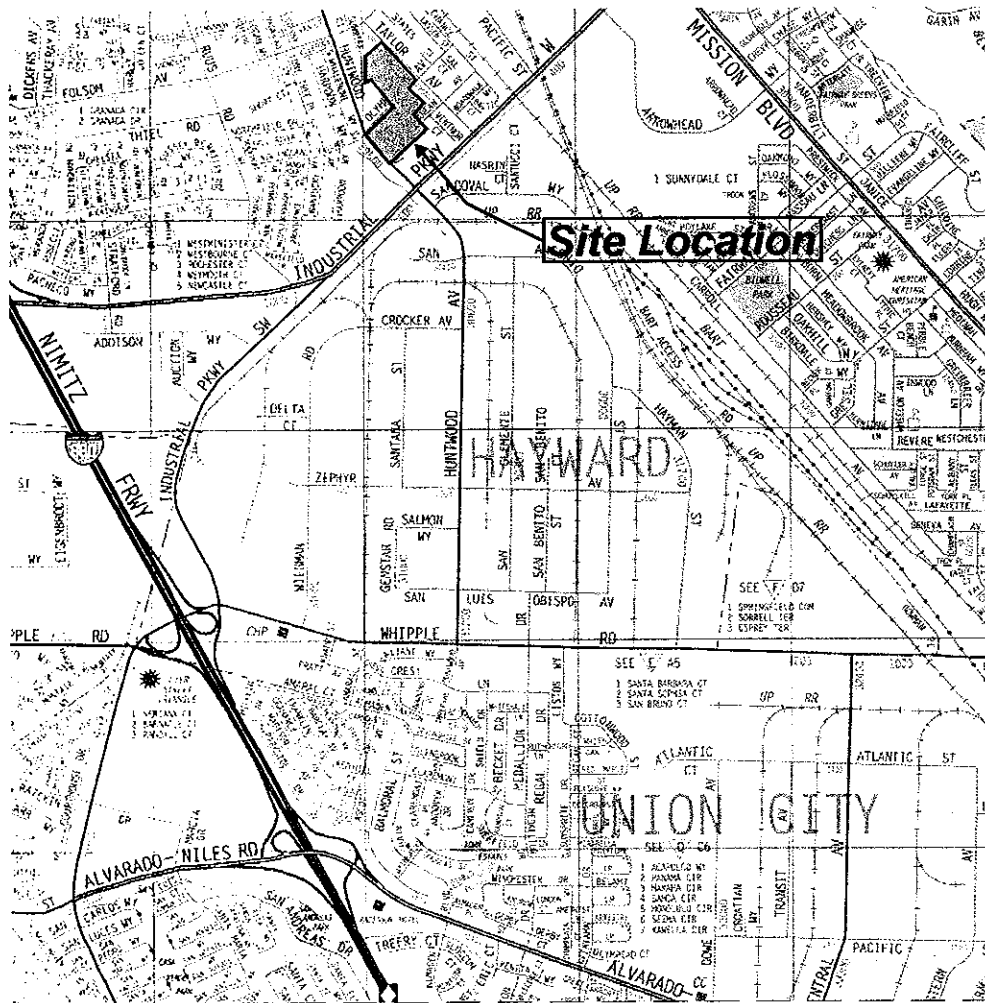
Terrasearch, Inc., March 8, 1998. *Initial Surface and Subsurface Environmental Site Assessment at Selected Properties on Olympic and Taylor Avenues, Hayward, California*. Project No. E7618.

Terrasearch, Inc., May 7, 1999. *Underground Storage Tank Removal and Closure Report for Proposed Residential Development, Olympic Avenue and Huntwood Drive, Hayward, California*. Project No. E7618.

Terrasearch, Inc., May 14, 1999. *Additional Subsurface Environmental Site Assessment Report at Existing and Proposed Olympic Avenues, Hayward, California*. Project No. E7618.

Terrasearch, Inc., July 28, 1999. *Subsurface Environmental Site Assessment of the Addition to the Canterbury Residential Development - Park Site, Olympic Avenue and Huntwood Drive, Hayward, California*. Project No. E7618.001.

Terrasearch, Inc., March 3, 2000. *Summary for Remedial Actions of Tar-Hydrocarbon-Impacted Soil Letter Report for Canterbury - Tract 7069, Olympic Avenue, Holyoke Avenue and Branaugh Court, Hayward, California*. Project No. 7618.01.



Source: Thomas Bros. Maps, Alameda County, 1999



Approximate Scale 1" = 1/2 Mile



## SITE VICINITY MAP



GEOTECHNICAL ENGINEERS AND GEOLOGISTS

**TERRASEARCH INC.**

11840 DUBLIN BLVD., DUBLIN, CALIFORNIA 94568. (925) 833-9297

CANTERBURY RESIDENTIAL DEVELOPMENT  
OLYMPIC AVENUE  
HAYWARD, CALIFORNIA

FIGURE

**1**

JOB NUMBER

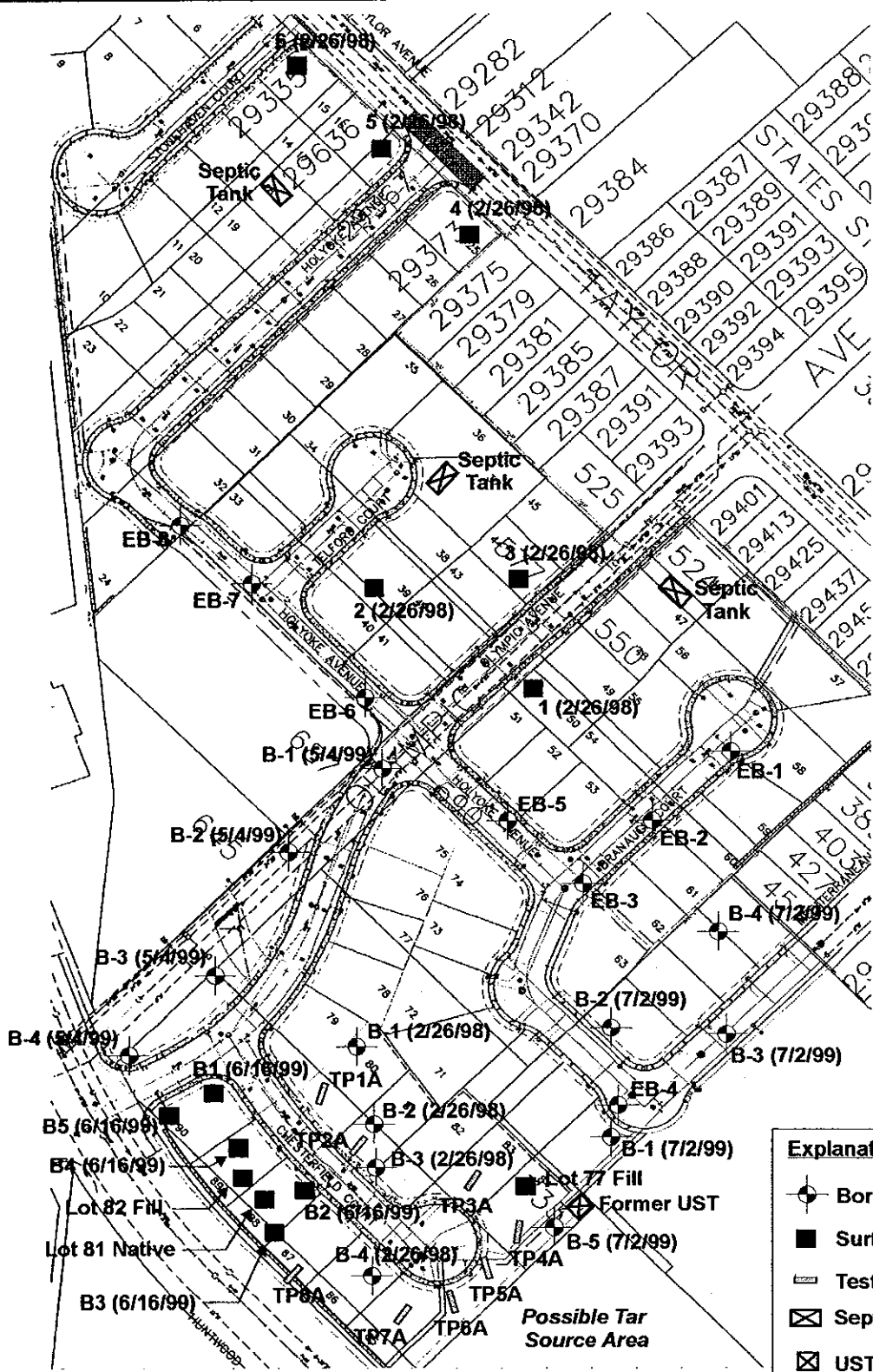
7618.01

DATE

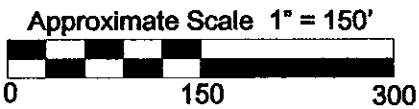
3/00

BY

CEW



Explanation:	
	Boring
	Surficial sample
	Test pit
	Septic tank
	UST



# SITE PLAN

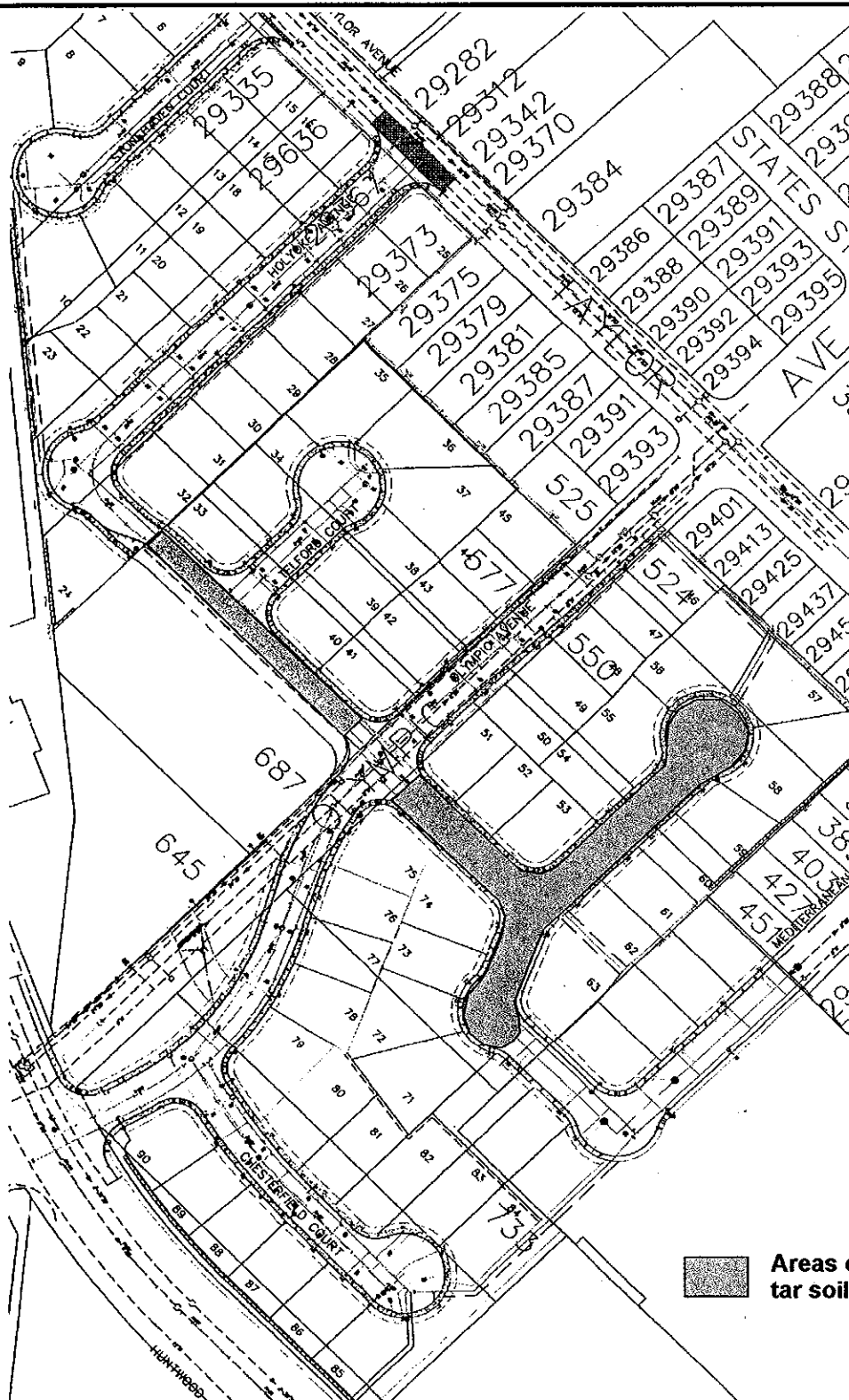



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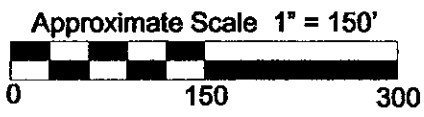
ENVIRONMENTAL INVESTIGATIONS CANTERBURY DEVELOPMENT - OLYMPIC AVENUE HAYWARD, CALIFORNIA		
JOB NUMBER	DATE	BY
7618.01	3/00	CEW

FIGURE  
2





 Areas of encapsulated tar soil.



### ENCAPSULATED TAR SOIL AREAS

GEOTECHNICAL ENGINEERS AND GEOLOGISTS  
**TERRASEARCH** inc.  
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ENVIRONMENTAL INVESTIGATIONS CANTERBURY DEVELOPMENT - OLYMPIC AVENUE HAYWARD, CALIFORNIA		
JOB NUMBER	DATE	BY
7618.01	3/00	CEW

FIGURE  
**3**

TABLE 1

**CUMULATIVE SUMMARY OF LABORATORY ANALYTICAL RESULTS  
OF SOIL SAMPLES  
CANTERBURY DEVELOPMENT  
OLYMPIC AVENUE  
HAYWARD, CALIFORNIA**

Sample ID	Date Sample	Sample Depth (ft.)	TPHg mg/Kg	TPHd mg/Kg	TEPH mg/Kg	BTEX µg/Kg	MTBE µg/Kg	TRPH mg/Kg	HVOs µg/Kg	SVOs µg/Kg	Metals/ RCI mg/Kg	Pesticides/ PCBs µg/Kg
1-4	2/26/98	4	<1.0	<1.0	NA	NA	NA	<50	<5 to <50	NA	NA	NA
1-19	2/26/98	19	<1.0	<1.0	NA	NA	NA	<50	<5 to <50	NA	NA	NA
2-4	2/26/98	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	21
2-6	2/26/98	6	<1.0	<1.0	NA	NA	NA	<50	<5 to <50	NA	NA	NA
3-4	2/26/98	4	<1.0	3.4	NA	NA	NA	130	<5 to <50	NA	NA	NA
3-7	2/26/98	7	<1.0	<1.0	NA	NA	NA	<50	<5 to <50	NA	NA	NA
3-13	2/26/98	13	<1.0	3.2	NA	NA	NA	<50	<5 to <50	NA	NA	NA
4-4	2/26/98	4	<1.0	5.3	NA	NA	NA	<50	<5 to <50	NA	NA	NA
4-5.5	2/26/98	5.5	<1.0	<1.0	NA	NA	NA	<50	<5 to <50	NA	NA	NA
4-11.5	2/26/98	11.5	<1.0	<1.0	NA	NA	NA	<50	<5 to <50	NA	NA	NA
1	2/26/98	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0 to <10
2	2/26/98	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0 to <10
3	2/26/98	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.7
4	2/26/98	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6
5	2/26/98	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0 to <10
6	2/26/98	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0 to <10
1-4 (COMP) (UST)	3/4/99	5	NA	NA	NA	NA	NA	NA	NA	NA	React: ND pH: 8.4 Ignit.: >100	NA
2 (UST)	3/4/99	5	NA	NA	NA	<100	NA	NA	680	<100 to <2,500	Cd: <0.5 Cr: 26 Pb: <1.0 Ni: 26 Zn: 22	<20 to <80
3 (UST)	3/4/99	5	NA	NA	NA	<100	NA	NA	<100 to <500	<100 to <2,500	Cd: <0.5 Cr: 29 Pb: <1.0 Ni: 40	<20 to <80

TABLE 1 (CONTINUED)

Sample ID	Date Sample	Sample Depth (ft.)	TPHg mg/Kg	TPHd mg/Kg	TEPH mg/Kg	BTEX µg/Kg	MTBE µg/Kg	TRPH mg/Kg	HVOs µg/Kg	SVOs µg/Kg	Metals/ RCI mg/Kg	Pesticides/ PCBs µg/Kg
4 (UST)	3/4/99	5	NA	420	3,600	NA	NA	NA	NA	NA	Zn: 59 NA	NA
1 (UST)	4/14/99	4	<1.0	200	NA	0.008	16	550	<5 to 76	<330 to <1700	Cd: <5.0 Cr: 14 Pb: <5.0 Ni: 16 Zn: 28	<2.0 to <10
2 (UST)	4/14/99	9	<1.0	<1.0	NA	<5.0	<5.0	<25	<5 to <20	<330 to <1700	Cd: <5.0 Cr: 27 Pb: <5.0 Ni: 35 Zn: 46	NA
3 (UST)	4/14/99	12	<1.0	<1.0	NA	<5.0	23	<25	<5 to <20	<330 to <1700	Cd: <5.0 Cr: 29 Pb: <5.0 Ni: 35 Zn: 52	NA
4 (UST)	4/14/99	8	<1.0	1.3	NA	<5.0	12	<25	<5 to <20	<330 to <1700	Cd: <5.0 Cr: 24 Pb: <5.0 Ni: 29 Zn: 45	NA
5 (UST)	4/14/99	11	<1.0	<1.0	NA	<5.0	<5.0	<25	<5 to <20	<330 to <1700	Cd: <5.0 Cr: 27 Pb: <5.0 Ni: 34 Zn: 44	NA
1-6	5/4/99	6	<1.0	4.1	NA	<5.0	<10	<50	<5.0	NA	Pb: <5.0	NA
2-6	5/4/99	6	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Pb: <5.0	NA
3-6	5/4/99	6	<1.0	<1.0	NA	<5.0	<10	NA	<5.0	NA	Pb: <5.0	NA
4-6	5/4/99	6	<1.0	<1.0	NA	<5.0	<10	NA	<5.0	NA	Pb: <5.0	NA
B1	6/16/99	2-3	NA	NA	160	<5.0	<10	220	NA	NA	NA	NA
B2	6/16/99	2-3	NA	NA	320	<5.0	<10	910	NA	NA	NA	NA
B3	6/16/99	2-3	NA	NA	440	<5.0	<10	1100	NA	NA	NA	NA
B4	6/16/99	2-3	NA	NA	410	<5.0	<10	710	NA	NA	NA	NA
B5	6/16/99	2-3	NA	NA	350	<5.0	<10	300	NA	NA	NA	NA
TP1A	6/16/99	5	NA	NA	<10	<5.0	<10	<50	NA	NA	NA	NA
TP2A	6/16/99	5	NA	NA	<10	<5.0	<10	<50	NA	NA	NA	NA

TABLE 1 (CONTINUED)

Sample ID	Date Sample	Sample Depth (ft.)	TPHg mg/Kg	TPHd mg/Kg	TEPH mg/Kg	BTEX µg/Kg	MTBE µg/Kg	TRPH mg/Kg	HVOs µg/Kg	SVOs µg/Kg	Metals/RCI mg/Kg	Pesticides/PCBs µg/Kg
TP3A	6/16/99	4	NA	NA	<10	<5.0	<10	160	NA	NA	NA	NA
TP4A	6/16/99	5	NA	NA	<10	<5.0	<10	<50	NA	NA	NA	NA
TP5A	6/16/99	5	NA	NA	<10	<5.0	<10	<50	NA	NA	NA	NA
TP6A	6/16/99	5	NA	NA	<10	<5.0	<10	<50	NA	NA	NA	NA
TP7A	6/16/99	4	NA	NA	510	<5.0	<10	500	NA	NA	NA	NA
TP8A	6/16/99	4	NA	NA	600	<5.0	<10	1400	NA	NA	NA	NA
Lot 81 Native	6/22/99	5	NA	NA	<10	<5.0	<10	95	NA	NA	NA	NA
Lot 82 Fill	6/22/99	3	NA	NA	280	<5.0	<10	4100	NA	NA	NA	NA
Lot 77 Fill	6/25/99	4	NA	NA	<10	<5.0	<10	<50	NA	NA	NA	NA
B-1-6	7/2/99	6	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.1 Cr: 29 Pb: 20 Ni: 42 Zn: 37	NA
B-1-11	7/2/99	11	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 0.8 Cr: 23 Pb: 22 Ni: 30 Zn: 32	NA
B-2-4	7/2/99	4	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.5 Cr: 30 Pb: 78 Ni: 40 Zn: 115	NA
B-2-11	7/2/99	11	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 0.9 Cr: 20 Pb: 22 Ni: 32 Zn: 35	NA
B-3-4	7/2/99	4	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.4 Cr: 33 Pb: 54 Ni: 45 Zn: 74	NA
B-3-11	7/2/99	11	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.6 Cr: 30	NA

TABLE 1 (CONTINUED)

Sample ID	Date Sample	Sample Depth (ft.)	TPHg mg/Kg	TPHd mg/Kg	TEPH mg/Kg	BTEX µg/Kg	MTBE µg/Kg	TRPH mg/Kg	HVOs µg/Kg	SVOs µg/Kg	Metals/ RCI mg/Kg	Pesticides/ PGBs µg/Kg
B-3-11 (cont.)											Pb: 15 Ni: 47 Zn: 50	
B-4-4	7/2/99	4	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.5 Cr: 32 Pb: 50 Ni: 41 Zn: 120	NA
B-4-11	7/2/99	11	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.3 Cr: 30 Pb: 12 Ni: 55 Zn: 50	NA
B-5-6	7/2/99	6	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.8 Cr: 24 Pb: 9 Ni: 32 Zn: 25	NA
B-5-11	7/2/99	11	<1.0	<1.0	NA	<5.0	<10	73	<5.0	NA	Cd: 0.9 Cr: 25 Pb: 10 Ni: 37 Zn: 42	NA
B-5-16	7/2/99	16	<1.0	<1.0	NA	<5.0	<10	<50	<5.0	NA	Cd: 1.6 Cr: 36 Pb: 8 Ni: 45 Zn: 50	NA

Notes:

- TPHg = Total petroleum hydrocarbons reported as gasoline by EPA Methods 5030/LUFT.
- TPHd = Total petroleum hydrocarbons reported as diesel by EPA Method 3550/LUFT.
- TRPH = Total recoverable petroleum hydrocarbons by EPA 418.1 (same as TOG).
- BTEX = Benzene, toluene, ethyl benzene, total xylenes by EPA Method 8020.
- MTBE = Methyl tert-Butyl Ether by EPA Method 8020.
- HVOs = Halogenated volatile organics by EPA Method 8010.
- LUFT METALS = Cadmium, Chromium, Lead, Nickel and Zinc EPA Methods 6010 and 7420 (lead).
- NA = Not analyzed.
- mg/Kg = Milligrams per kilogram (equivalent to parts per million [ppm]), in soil.
- µg/Kg = Micrograms per kilogram (equivalent to parts per billion [ppb]), in soil.

TABLE 2

**CUMULATIVE SUMMARY OF LABORATORY ANALYTICAL RESULTS  
OF GROUNDWATER SAMPLES  
CANTERBURY DEVELOPMENT  
OLYMPIC AVENUE  
HAYWARD, CALIFORNIA**

Sample ID	Date Sample	Sample Depth (ft.)	TPHg µg/L	TPHd µg/L	TRPH µg/L	BTEX µg/L	MTBE µg/L	TRPH mg/L	HVOs µg/L	SVOs µg/L	Metals/ RCI mg/Kg
B-1	2/26/98	15.5	<50	<120	NA	NA	NA	<2.5	<0.5 to <5.0	NA	NA
B-2	2/26/98	11.5	<50	<120	NA	NA	NA	<2.5	<0.5 to <5.0	NA	NA
B-3	2/26/98	10	<50	<120	NA	NA	NA	<2.0	<0.5 to <5.0	NA	NA
B-4	2/26/98	9	<50	<120	NA	NA	NA	<4.0	<0.5 to <5.0	NA	NA
W-1	4/14/99	8	NA	NA	NA	NA	NA	26	NA	NA	NA
B-1	5/4/99	5	<50	130	NA	<0.3	<1.0	NA	<1.0	NA	Pb: <0.01
B-2	5/4/99	7	<50	<50	NA	<0.3	<1.0	NA	<1.0	NA	Pb: <0.01
B-3	5/4/99	6	<50	<50	NA	<0.3	26	NA	<1.0	NA	Pb: <0.01
B-4	5/4/99	7	<50	80	NA	<0.3	1.8	NA	<1.0	NA	Pb: <0.01
B-1	7/2/99	9	<50	<50	NA	<3.0	<1.0	<5	<1.0	NA	Cd: <0.001 Cr: 0.02 Pb: <0.01 Ni: <0.05 Zn: <0.05
B-2	7/2/99	8	<50	<50	NA	<3.0	<1.0	<5	<1.0	NA	Cd: <0.001 Cr: <0.01 Pb: <0.01 Ni: <0.05 Zn: <0.05
B-5	7/2/99	9	<50	<50	NA	<3.0	2.6	<5	<1.0	NA	Cd: <0.001 Cr: 0.02 Pb: <0.01 Ni: <0.05 Zn: <0.05

**Notes:**

- TPHg = Total petroleum hydrocarbons reported as gasoline by EPA Methods 5030/LUFT.  
 TPHd = Total petroleum hydrocarbons reported as diesel by EPA Method 3550/LUFT.  
 TRPH = Total recoverable petroleum hydrocarbons by EPA 418.1 (same as TOG).  
 BTEX = Benzene, toluene, ethyl benzene, total xylenes by EPA Method 8020.  
 MTBE = Methyl tert-Butyl Ether by EPA Method 8020.  
 HVOs = Halogenated volatile organics by EPA Method 8010.

TABLE 2

CUMULATIVE SUMMARY OF LABORATORY ANALYTICAL RESULTS  
OF GROUNDWATER SAMPLES  
CANTERBURY DEVELOPMENT  
OLYMPIC AVENUE  
HAYWARD, CALIFORNIA

Notes (Continued):

LUFT METALS	=	Cadmium, Chromium, Lead, Nickel and Zinc EPA Methods 6010 and 7420 (lead).
UST	=	Underground storage tank samples
NA	=	Not analyzed.
mg/L	=	Milligrams per liter (equivalent to parts per million [ppm]), in water.
µg/L	=	Micrograms per liter (equivalent to parts per billion [ppb]), in water.

**APPENDIX A**

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY  
FORMS – FEBRUARY 1998  
AND LOGS OF BORINGS**



# LOG OF TEST BORING

BORING B-1

Boring No: B-1

Project No: E7618

Date Drilled: 2/26/98

Elevation: N/A

Logged by: RDC

Water Level: 15.5 feet

After: 9 feet after 20 minutes

ELEV	SOIL SYMBOLS SAMPLER SYMBOLS	USCS	SOIL DESCRIPTION	REMARKS	Sample No.	Blows foot	Density Dry-pcf	Moisture Percent
DEPTH								
0	[Concrete Pad Symbol]		6-inch concrete pad					
1	[CL Symbol]	CL	Dark brown gravelly silty CLAY, damp, very stiff; slight oil odor.		1-1			
4	[CL Symbol]	CL	Black silty CLAY, damp, very stiff; some oil odor.		1-4			
7	[CL Symbol]	CL	Brownish gray sandy CLAY, damp, some silt, very stiff some organics, no odor.		1-7			
10	[CL Symbol]				1-10			
12			Increasing moisture and silt at 12 feet.					
13	[CL Symbol]	CL	Kakhi gray fine sandy CLAY with silt, very moist, stiff; no odor.		1-13			
16	[SM Symbol]	SM	Kakhi gray silty fine SAND with clay, wet, dense; root holes, organics, no odor.		1-16			
19	[CL Symbol]	CL	Kakhi silty CLAY, saturated very stiff; no odor.		1-19			
22	[SM Symbol]	SM	Brown silty fine SAND with clay, wet, dense; no odor.		1-22			
25	[End of Boring Symbol]		End of boring at 25 feet. Groundwater encountered at		1-25			

Figure Number 3

# LOG OF TEST BORING

BORING B-2

Boring No: B-2

Project No: E7618

Date Drilled: 2/26/98

Elevation: N/A

Logged by: RDC

Water Level: 11.5 feet

After: 7 feet after 20 minutes

ELEV	SOIL SYMBOLS SAMPLER SYMBOLS	USCS	SOIL DESCRIPTION	REMARKS	Sample No.	Blows foot	Density Dry-pcf	Moisture Percent
DEPTH								
0		V	6-inch concrete pad					
		GC	Olive brown clayey GRAVEL with sand, damp, very dense strong oil odor.					
5		CL	Olive green mottled black silty CLAY, damp, very stiff; some oil odor.		2-4			
		CL	Olive green and light gray silty CLAY with sand, damp, stiff; no odor.		2-6			
		CL	Olive green and light gray silty CLAY with sand, damp, stiff; no odor.		2-8			
10		CL	Kakhi brown silty CLAY, very moist, stiff; organics no odor.		2-10			
		SC	Kakhi brown clayey fine SAND with silt, wet, dense; no odor.		2-13			
		ML	Kakhi brown clayey SILT, wet, stiff; no odor.		2-15			
15		CL	Kakhi brown silty CLAY, wet, stiff; no odor.					
				End of boring at 16 feet. Groundwater at 11.5' and 7' after 20 minutes. No blow counts due to direct-push technology.				

Figure Number 4

# LOG OF TEST BORING

BORING B-3

Boring No: B-3

Project No: E7618

Date Drilled: 2/26/98

Elevation: N/A

Logged by: RDC

Water Level: 10 feet

After: 5 feet after 20 minutes

ELEV	SOIL SYMBOLS SAMPLER SYMBOLS	USCS	SOIL DESCRIPTION	REMARKS	Sample No.	Blows foot	Density Dry-pcf	Moisture Percent
DEPTH								
0			2-inch asphalt pavement underlain by 10-inches of baserock.					
		CL	Black gravelly silty CLAY, damp, very stiff; strong hydrocarbon odor.		3-4			
5		CL	Black silty CLAY, damp, very stiff; root fibers, hydrocarbon odor.		3-5.5			
		CL	Olive gray fine sandy CLAY, damp, stiff; white mottled no odor.		3-7			
10		SC	Olive clayey fine to medium SAND, very moist, medium dense; no odor, root fibers		3-10			
		SP	Brown fine to medium SAND with silt, wet, dense; no odor (suspended sands).		3-13			
			End of boring at 13'. Groundwater encountered at					

Figure Number 5

# LOG OF TEST BORING

BORING B-4

Boring No: B-4

Project No: E7618

Date Drilled: 2/26/98

Elevation: N/A

Logged by: RDC

Water Level: 9 feet

After: 5 feet after 20 minutes

ELEV	SOIL SYMBOLS SAMPLER SYMBOLS	USCS	SOIL DESCRIPTION	REMARKS	Sample No.	Blows foot	Density Dry-pcf	Moisture Percent
DEPTH								
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>0</p> <p>5</p> <p>10</p> </div> </div>			<p>2-inch asphalt pavement underlain by 10-inches of baserock.</p> <p>CL Brown mottled deep olive green gravelly CLAY with silt, damp; slight odor, wood chips.</p> <p>CL Black silty CLAY, damp, very stiff; root fibers, hydrocarbon odor.</p> <p>CL Olive gray mottled white fine sandy CLAY with silt, damp, stiff; no odor.</p> <p>SM Olive mottled brown silty fine SAND with clay, wet, loose-medium dense; no odor</p> <p>CL Olive mottled brown silty CLAY with sand, wet, stiff; no odor.</p> <p>End of boring at 13 feet. Groundwater encountered at 9' then at 5' after 20 minutes. No blow counts due to direct-push technology.</p>					
					4-4			
					4-5.5			
					4-7			
					4-10			
					4-11.5			

Figure Number 6

420/173071-110110

SUBJ #: 080249  
 CLIENT: TERRARESEARCH  
 DUE: 03/06/98  
 REF #: 38473

38473

# CHROMALAB, INC.

## Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 2/27/98 PAGE 1 OF 4

PROJ MGR Rob Campbell  
 COMPANY Terraresearch, Inc.  
 ADDRESS 11840 Dublin Blvd.  
Dublin, CA 94568

SAMPLERS (SIGNATURE) [Signature] (PHONE NO.) 510-833-9297  
 (FAX NO.) 510-833-9548

SAMPLE ID	DATE	TIME	MATRIX	PRESERV.	ANALYSIS REPORT												NUMBER OF CONTAINERS							
					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH (Diesel), TPH (EPA 350/550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+f, E+f)	PCB (EPA 628, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	Herbicides 8152		LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (ICLP, STLC)	Hold	
1	2/26/98		40L	ICE																			1	
2																								1
3																								1
4																								1
5																								1
1-4					X	X	X						X	X	X	X		X					1	
1-7																					X		1	
1-10																					X		1	
1-1																					X		1	

**PROJECT INFORMATION**  
 PROJECT NAME Summer Hill - Olympic  
 PROJECT NUMBER E7618  
 P.O. # E7618  
 TAT STANDARD 5-DAY

**SAMPLE RECEIPT**  
 TOTAL NO. OF CONTAINERS 9  
 HEAT SPACE N  
 RECD GOOD CONDITION/COLD Y  
 CONFORMS TO RECORD Y

TAT  STANDARD 5-DAY  24  48  72  OTHER

SPECIAL INSTRUCTIONS/COMMENTS

RELINQUISHED BY [Signature] (DATE) 2/27/98

RELINQUISHED BY [Signature] (DATE) \_\_\_\_\_

RELINQUISHED BY [Signature] (DATE) \_\_\_\_\_

RECEIVED BY [Signature] (DATE) 2/27/98

RECEIVED BY [Signature] (DATE) \_\_\_\_\_

RECEIVED BY [Signature] (DATE) \_\_\_\_\_

RECEIVED BY (LABORATORY) [Signature] (DATE) 2/27/98

RECEIVED BY (LABORATORY) [Signature] (DATE) \_\_\_\_\_

RECEIVED BY (LABORATORY) [Signature] (DATE) \_\_\_\_\_

LAB: Chromalab

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

DATE 2/27/96 PAGE 2 of 4

Environmental Services (SDB) (DOHS 1094)

PROJ MGR Rob Campbell  
COMPANY TERASURCH INC.  
ADDRESS 11840 Dublin Blvd.  
Dublin, CA 94568

SAMPLERS (SIGNATURE) Robert D. Campbell (PHONE NO.) 510-833-9297  
(FAX NO.) 510-833-4568

					ANALYSIS REPORT															NUMBER OF CONTAINERS				
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/STEX (EPA 602, 8020)	TPH (Diesel), TEPH (EPA 5519/5550, 8015)	PURGEABLE AROMATICS STEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524-2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+f, E-F)	PCB (EPA 638, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (ICLP, STLC)				
1-13	2/26/96		Soil	16																	X			
1-16																					X			
1-19					X		X		X						X						X			
1-22																					X			
1-25																					X			
2-4														X										
2-6					X		X		X						X						X			
2-8																					X			
2-13																					X			

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME	<u>Summit Hill - Dynamic A</u>	TOTAL NO OF CONTAINERS	<u>9</u>
PROJECT NUMBER	<u>E7618</u>	HEAL SPACE	<u>N</u>
P.O. #	<u>E7618</u>	REC'D GOOD CONDITION/COLD	<u>Y</u>
		CONFORMS TO RECORD	<u>Y</u>
TAT	<u>STANDARD 5-DAY</u>	24	48
		72	OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY	1	RELINQUISHED BY	2	RELINQUISHED BY	3
(SIGNATURE)	<u>Robert D. Campbell</u> 11:30	(SIGNATURE)		(SIGNATURE)	
(PRINTED NAME)	<u>Robert D. Campbell</u>	(PRINTED NAME)		(PRINTED NAME)	
(COMPANY)		(COMPANY)		(COMPANY)	
RECEIVED BY	1	RECEIVED BY	2	RECEIVED BY (LABORATORY)	3
(SIGNATURE)		(SIGNATURE)		(SIGNATURE)	<u>Chris Rowley</u> 1/51
(PRINTED NAME)		(PRINTED NAME)		(PRINTED NAME)	<u>Chris Rowley</u> 1/51
(COMPANY)		(COMPANY)		(LAB)	<u>Chromalab</u>

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

Environmental Services (SOB) (DOHS 1094)

DATE 2/27/98 PAGE 3 OF 4

78021156

38473

PROJ MGR Rob Campbell  
COMPANY Terasearch, Inc  
ADDRESS 11840 Dublin Blvd.  
Dublin, CA 94568

SAMPLERS (SIGNATURE) Rob Campbell (PHONE NO.) 510-833-9547  
(FAX NO.) 510-833-9548

SAMPLE ID.	DATE	TIME	MATRIX	PRESTRV.
2-15	2/24/98		SoL	ice
2-10				
3-4				
3-7				
3-10				
3-13				
3-5.5				
4-4				
4-7				

ANALYSIS REPORT														NUMBER OF CONTAINERS		
TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/STEX (EPA 602, 8020)	TPH (Diesel, TPH) (EPA 3940/3950, 8015)	PURGEABLE AROMATICS STEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+F, E-F)	PCB (EPA 638, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)		TOTAL LEAD	EXTRACTION (TCLP, STLC)
X		X		X		X				X						X
X		X		X		X				X						X
X		X		X		X				X						X
X		X		X		X				X						X

PROJECT INFORMATION		SAMPLE RECEIPT			
PROJECT NAME <u>Summit Hill - Olympic</u>	TOTAL NO OF CONTAINERS <u>9</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>
PROJECT NUMBER <u>E7618</u>	HEAT SPACE <u>N</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>
P.O.# <u>E7618</u>	REC'D GOOD CONDITION/COLD <u>Y</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>
TAT <u>STANDARD 5-DAY</u>	CONFORMS TO RECORD <u>Y</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>
SPECIAL INSTRUCTIONS/COMMENTS		RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>	RECEIVED BY (LABORATORY) <u>Chris Rowley 1151</u>

RELIQUISHED BY		RELIQUISHED BY		RELIQUISHED BY	
SIGNATURE <u>Rob Campbell</u>	(TIME) <u>11:30</u>	SIGNATURE <u>Rob Campbell</u>	(TIME) <u>2/27/98</u>	SIGNATURE <u>Chris Rowley 1151</u>	(TIME) <u>1151</u>
PRINTED NAME <u>Rob Campbell</u>	(DATE) <u>2/27/98</u>	PRINTED NAME <u>Rob Campbell</u>	(DATE) <u>2/27/98</u>	PRINTED NAME <u>Chris Rowley 1151</u>	(DATE) <u>1151</u>
COMPANY <u>Terasearch Inc.</u>		COMPANY <u>Terasearch Inc.</u>		COMPANY <u>Chromalab</u>	

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

Environmental Services (SOB) (DOHS 1094)

DATE 2/27/98 PAGE 4 OF 4

980222

29473

PROJ MGR				ANALYSIS REPORT																	NUMBER OF CONTAINERS				
COMPANY				TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH (Diesel) TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+f, F-F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (ICLP, STLC)						
ADDRESS				TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH (Diesel) TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+f, F-F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (ICLP, STLC)						
SAMPLE ID.				DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH (Diesel) TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+f, F-F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (ICLP, STLC)	NUMBER OF CONTAINERS	
PROJ MGR <u>Rob Campbell</u>																									
COMPANY <u>Temsearch Inc</u>																									
ADDRESS <u>11240 Dublin Blvd. Dublin, CA 94568</u>																									
SAMPLE ID. <u>4-5.5</u>				DATE <u>2/26/98</u>	TIME	MATRIX <u>Soil</u>	PRESERV. <u>ice</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1
SAMPLE ID. <u>4-10</u>				DATE	TIME	MATRIX <u>↓</u>	PRESERV. <u>↓</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1
SAMPLE ID. <u>4-11.5</u>				DATE	TIME	MATRIX <u>↓</u>	PRESERV. <u>↓</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1
SAMPLE ID. <u>B-1</u>				DATE	TIME	MATRIX <u>water</u>	PRESERV. <u>Hel</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4
SAMPLE ID. <u>B-2</u>				DATE	TIME	MATRIX <u>↓</u>	PRESERV. <u>Hel</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4
SAMPLE ID. <u>B-3</u>				DATE	TIME	MATRIX <u>↓</u>	PRESERV. <u>Hel</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	7
SAMPLE ID. <u>B-4</u>				DATE	TIME	MATRIX <u>↓</u>	PRESERV. <u>Hel</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6
SAMPLE ID. <u>6</u>				DATE	TIME	MATRIX <u>Soil</u>	PRESERV. <u>ice</u>	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1

PROJECT INFORMATION				SAMPLE RECEIPT				RELINQUISHED BY 1			RELINQUISHED BY 2			RELINQUISHED BY 3		
PROJECT NAME <u>Summerhill - Olympic</u>				TOTAL NO OF CONTAINERS <u>25</u>				RELINQUISHED BY (SIGNATURE) <u>Robert D. Campbell</u>			RELINQUISHED BY (SIGNATURE) <u>[Signature]</u>			RELINQUISHED BY (SIGNATURE) <u>[Signature]</u>		
PROJECT NUMBER <u>E7618</u>				HEAL SPACE <u>N</u>				RELINQUISHED BY (DATE) <u>2/27/98</u>			RELINQUISHED BY (DATE) <u>[Date]</u>			RELINQUISHED BY (DATE) <u>[Date]</u>		
P.O.# <u>E7618</u>				RECD GOOD CONDITION/COLD <u>Y</u>				RELINQUISHED BY (PRINTED NAME) <u>Temsearch Inc.</u>			RELINQUISHED BY (PRINTED NAME) <u>[Name]</u>			RELINQUISHED BY (PRINTED NAME) <u>[Name]</u>		
TAT <u>STANDARD 5-DAY</u>				CONFORMS TO RECORD <u>Y</u>				RELINQUISHED BY (COMPANY) <u>Temsearch Inc.</u>			RELINQUISHED BY (COMPANY) <u>[Company]</u>			RELINQUISHED BY (COMPANY) <u>[Company]</u>		
SPECIAL INSTRUCTIONS/COMMENTS								RECEIVED BY (SIGNATURE) <u>[Signature]</u>			RECEIVED BY (SIGNATURE) <u>[Signature]</u>			RECEIVED BY (SIGNATURE) <u>[Signature]</u>		
								RECEIVED BY (DATE) <u>[Date]</u>			RECEIVED BY (DATE) <u>[Date]</u>			RECEIVED BY (DATE) <u>[Date]</u>		
								RECEIVED BY (PRINTED NAME) <u>[Name]</u>			RECEIVED BY (PRINTED NAME) <u>[Name]</u>			RECEIVED BY (PRINTED NAME) <u>[Name]</u>		
								RECEIVED BY (LAB)			RECEIVED BY (LAB)			RECEIVED BY (LAB)		



# CHROMALAB, INC.

Environmental Service (SDB)

## Sample Receipt Checklist

Client Name: **TERRASEARCH, INC.**

Date/Time Received: **02/27/98** | **1151**

Reference/Submis: **38473** | **9802456**

Received by: **CL**

Checklist completed by **Chris Lowrey** **3/2/98** Reviewed by: \_\_\_\_\_  
Signature Date Initials Date

Matrix: **Soil/H<sub>2</sub>O** Carrier name: **Client** - C/L

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present

Custody seals intact on sample bottles? Yes  No  Not Present

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Container/Temp Blank temperature in compliance? Temp: **5.9**°C Yes  No

Water - VOA vials have zero headspace? Yes  No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? **YES** Adjusted?  Checked by **CL** Chemist for VOAs

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted: \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: **EXTRA SAMPLE RECEIVED (SOIL 1-46)**  
**Not listed on COC**

Corrective Action: \_\_\_\_\_

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 2-4

Spl#: 173103

Matrix: SOIL

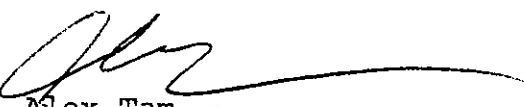
Extracted: March 2, 1998

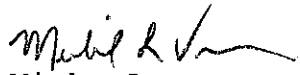
Sampled: February 26, 1998

Run#: 11412

Analyzed: March 12, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	20	N.D.	93.4	10
DIELDRIN	N.D.	20	N.D.	88.6	10
ENDRIN ALDEHYDE	N.D.	100	N.D.	--	10
ENDRIN	N.D.	20	N.D.	86.2	10
HEPTACHLOR	21	20	N.D.	85.4	10
HEPTACHLOR EPOXIDE	N.D.	20	N.D.	--	10
4,4'-DDT	N.D.	100	N.D.	85.6	10
4,4'-DDE	N.D.	20	N.D.	--	10
4,4'-DDD	N.D.	100	N.D.	--	10
ENDOSULFAN I	N.D.	100	N.D.	--	10
ENDOSULFAN II	N.D.	100	N.D.	--	10
ALPHA-BHC	N.D.	20	N.D.	--	10
BETA-BHC	N.D.	20	N.D.	--	10
GAMMA-BHC (LINDANE)	N.D.	20	N.D.	91.0	10
DELTA-BHC	N.D.	20	N.D.	--	10
ENDOSULFAN SULFATE	N.D.	100	N.D.	--	10
4,4'-METHOXYCHLOR	N.D.	100	N.D.	--	10
TOXAPHENE	N.D.	100	N.D.	--	10
CHLORDANE	N.D.	100	N.D.	--	10

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 4-4

Spl#: 173108

Matrix: SOIL


Extracted: March 2, 1998


Sampled: February 26, 1998

Run#: 11412

Analyzed: March 10, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
4,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	4.8	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 3-4

Spl#: 173105

Matrix: SOIL


Extracted: March 2, 1998

Sampled: February 26, 1998

Run#: 11412

Analyzed: March 10, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
2,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	N.D.	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 1-4

Spl#: 173086

Matrix: SOIL

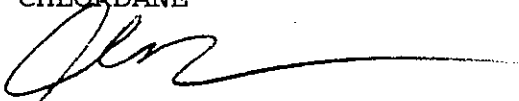
Extracted: March 2, 1998

Sampled: February 26, 1998

Run#: 11412

Analyzed: March 9, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
4,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	N.D.	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 1

Spl#: 173081

Matrix: SOIL


Extracted: March 2, 1998

Sampled: February 26, 1998

Run#: 11412

Analyzed: March 10, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
4,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	N.D.	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 2

Spl#: 173082

Matrix: SOIL


Extracted: March 2, 1998

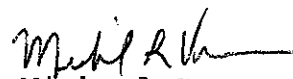
Sampled: February 26, 1998

Run#: 11412

Analyzed: March 12, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
2,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	N.D.	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 3

Spl#: 173083

Matrix: SOIL

Extracted: March 2, 1998

Sampled: February 26, 1998

Run#: 11412

Analyzed: March 12, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	9.0	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	2.1	2.0	N.D.	--	1
4,4'-DDT	12	10	N.D.	85.6	1
4,4'-DDE	7.6	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	10	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

Alex Tam  
Chemist

Michael Verona  
Operations Manager

9.0  
2.1  
12  
7.6  
10  
---  
0.7



# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 4

Spl#: 173084

Matrix: SOIL


Extracted: March 2, 1998

Sampled: February 26, 1998

Run#: 11412

Analyzed: March 12, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
4,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	2.6	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 12, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

Client Sample ID: 5

Spl#: 173085

Matrix: SOIL


Extracted: March 2, 1998

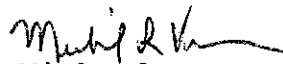
Sampled: February 26, 1998

Run#: 11412

Analyzed: March 10, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
4,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	N.D.	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	--	1
DELTA-BHC	N.D.	2.0	N.D.	91.0	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 13, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Organochlorine Pesticides analysis.  
Method: SW846 Method 8080A Sept 1994

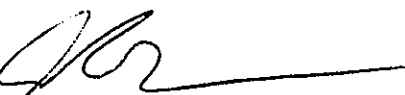
Client Sample ID: 6

Spl#: 173115  
Sampled: February 26, 1998

Matrix: SOIL  
Run#: 11412

Extracted: March 2, 1998  
Analyzed: March 13, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ALDRIN	N.D.	2.0	N.D.	93.4	1
DIELDRIN	N.D.	2.0	N.D.	88.6	1
ENDRIN ALDEHYDE	N.D.	10	N.D.	--	1
ENDRIN	N.D.	2.0	N.D.	86.2	1
HEPTACHLOR	N.D.	2.0	N.D.	85.4	1
HEPTACHLOR EPOXIDE	N.D.	2.0	N.D.	--	1
4,4'-DDT	N.D.	10	N.D.	85.6	1
4,4'-DDE	N.D.	2.0	N.D.	--	1
4,4'-DDD	N.D.	10	N.D.	--	1
ENDOSULFAN I	N.D.	10	N.D.	--	1
ENDOSULFAN II	N.D.	10	N.D.	--	1
ALPHA-BHC	N.D.	2.0	N.D.	--	1
BETA-BHC	N.D.	2.0	N.D.	--	1
GAMMA-BHC (LINDANE)	N.D.	2.0	N.D.	91.0	1
DELTA-BHC	N.D.	2.0	N.D.	--	1
ENDOSULFAN SULFATE	N.D.	10	N.D.	--	1
4,4'-METHOXYCHLOR	N.D.	10	N.D.	--	1
TOXAPHENE	N.D.	10	N.D.	--	1
CHLORDANE	N.D.	10	N.D.	--	1

  
Alex Tam  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: 13 samples for TPH - Diesel analysis.  
Method: EPA 8015M

Matrix: WATER  
Sampled: February 26, 1998 Run#: 11431  
Extracted: March 3, 1998  
Analyzed: March 4, 1998

Spl#	CLIENT SPL ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
173111	B-1	N.D.	120	N.D.	96.0	1
173112	B-2	N.D.	120	N.D.	96.0	1
173113	B-3	N.D.	200	N.D.	96.0	1
173114	B-4	N.D.	100	N.D.	96.0	1

Matrix: SOIL  
Sampled: February 26, 1998 Run#: 11474  
Extracted: March 4, 1998  
Analyzed: March 4, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
173086	1-4	N.D.	1.0	N.D.	82.1	1
173102	1-19	N.D.	1.0	N.D.	82.1	1

Matrix: SOIL  
Sampled: February 26, 1998 Run#: 11474  
Extracted: March 4, 1998  
Analyzed: March 5, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
173104	2-6	N.D.	1.0	N.D.	82.1	1
173105	3-4	3.4	1.0	N.D.	82.1	1
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.						
173106	3-7	N.D.	1.0	N.D.	82.1	1
173107	3-13	3.2	1.0	N.D.	82.1	1
Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.						
173109	4-5.5	N.D.	1.0	N.D.	82.1	1
173110	4-11.5	N.D.	1.0	N.D.	82.1	1

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Page 2

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

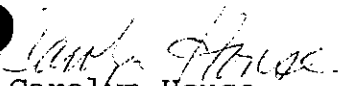
Received: February 27, 1998


re: 13 samples for TPH - Diesel analysis, continued.  
Method: EPA 8015M

Matrix: SOIL  
Sampled: February 26, 1998 Run#: 11474  
Extracted: March 4, 1998  
Analyzed: March 6, 1998

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
173108	4-4	5.3	2.0	N.D.	82.1	2

Note: Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard. High surrogate due to matrix interference.

  
Carolyn House  
Chemist

  
Bruce Havlik  
Chemist

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Gasoline analysis.

Method: 8015Mod

Client Sample ID: 2-6

Spl#: 173104

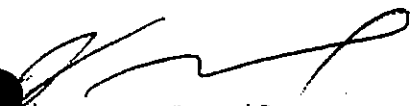
Matrix: SOIL


Sampled: February 26, 1998

Run#:11511

Analyzed: March 5, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	94	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: 1-19

Spl#: 173102


Matrix: SOIL

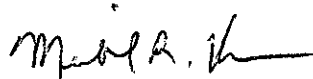
Sampled: February 26, 1998

Run#:11511

Analyzed: March 5, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	94	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: 1-4

Spl#: 173086


Matrix: SOIL

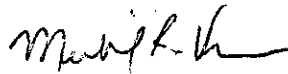
Sampled: February 26, 1998

Run#:11511

Analyzed: March 5, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	94	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: B-4

Spl#: 173114

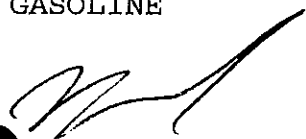
Matrix: WATER


Sampled: February 26, 1998

Run#:11513

Analyzed: March 5, 1998

<u>ANALYTE</u>	<u>RESULT</u> (ug/L)	<u>REPORTING</u> <u>LIMIT</u> (ug/L)	<u>BLANK</u> <u>RESULT</u> (ug/L)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	50	N.D.	93	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Gasoline analysis.

Method: 8015Mod

Client Sample ID: B-3

Spl#: 173113


Matrix: WATER

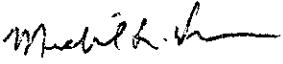
Sampled: February 26, 1998

Run#:11513

Analyzed: March 5, 1998

<u>ANALYTE</u>	<u>RESULT</u> (ug/L)	<u>REPORTING</u> <u>LIMIT</u> (ug/L)	<u>BLANK</u> <u>RESULT</u> (ug/L)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	50	N.D.	93	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: B-2

Spl#: 173112

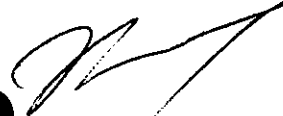
Matrix: WATER

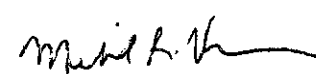
Sampled: February 26, 1998

Run#:11513

Analyzed: March 5, 1998

<u>ANALYTE</u>	<u>RESULT</u> (ug/L)	<u>REPORTING</u> <u>LIMIT</u> (ug/L)	<u>BLANK</u> <u>RESULT</u> (ug/L)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	50	N.D.	93	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: B-1

Spl#: 173111


Matrix: WATER

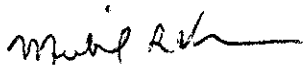
Sampled: February 26, 1998

Run#:11513

Analyzed: March 5, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	93	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 5, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: 4 samples for Oil and Grease analysis.  
Method: 5520 B&F

Matrix: WATER  
Sampled: February 26, 1998 Run#: 11486

Extracted: March 5, 1998  
Analyzed: March 5, 1998

Spl#	CLIENT SPL ID	OIL & GREASE (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
173111	B-1	N.D.	2.5	N.D.	99.5	1
173112	B-2	N.D.	2.5	N.D.	99.5	1
173113	B-3	N.D.	2.0	N.D.	99.5	1
173114	B-4	N.D.	4.0	N.D.	99.5	1

*Lulu Frazier*  
Lulu Frazier  
Analyst

*Michael Verona*  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Volatile Halogenated Organics analysis.  
Method: SW846 Method 8010A July 1992

Client Sample ID: B-1

Spl#: 173111

Matrix: WATER

Sampled: February 26, 1998

Run#: 11495

Analyzed: March 5, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
VINYL CHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	0.50	N.D.	96.0	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
TRANS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
CIS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
CHLOROFORM	N.D.	3.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	N.D.	0.50	N.D.	82.0	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
2-CHLOROETHYL VINYL ETHER	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	N.D.	0.50	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
CHLOROBENZENE	N.D.	0.50	N.D.	71.0	1
BROMOFORM	N.D.	2.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	2.0	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1

Oleg Nemtsov  
Chemist

Michael Verona  
Operations Manager

*for*

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Volatile Halogenated Organics analysis.  
Method: SW846 Method 8010A July 1992

Client Sample ID: B-2

Spl#: 173112

Matrix: WATER

Sampled: February 26, 1998

Run#: 11495

Analyzed: March 5, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
VINYL CHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	0.50	N.D.	96.0	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
TRANS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
CIS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
CHLOROFORM	N.D.	3.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	N.D.	0.50	N.D.	82.0	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
2-CHLOROETHYL VINYL ETHER	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	N.D.	0.50	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
CHLOROBENZENE	N.D.	0.50	N.D.	71.0	1
BROMOFORM	N.D.	2.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
TRICHLOROFLUOROETHANE	N.D.	2.0	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1

*Oleg Nemtsov*

Oleg Nemtsov  
Chemist

*Michael Verona*

Michael Verona  
Operations Manager

*for*

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Volatile Halogenated Organics analysis.  
Method: SW846 Method 8010A July 1992

Client Sample ID: B-3

Spl#: 173113

Matrix: WATER

Sampled: February 26, 1998

Run#: 11495

Analyzed: March 5, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
VINYL CHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	0.50	N.D.	96.0	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
TRANS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
CIS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
CHLOROFORM	N.D.	3.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	N.D.	0.50	N.D.	82.0	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
2-CHLOROETHYL VINYL ETHER	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	N.D.	0.50	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
CHLOROBENZENE	N.D.	0.50	N.D.	71.0	1
BROMOFORM	N.D.	2.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	2.0	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1

*Oleg Nemtsov*

Oleg Nemtsov  
Chemist

*Michael Verona*

Michael Verona  
Operations Manager

*for*



# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Volatile Halogenated Organics analysis.  
Method: SW846 Method 8010A July 1992

Client Sample ID: B-4

Spl#: 173114

Matrix: WATER

Sampled: February 26, 1998

Run#: 11495

Analyzed: March 5, 1998

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE Spike (%)	DILUTION FACTOR
VINYL CHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	0.50	N.D.	96.0	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
TRANS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
CIS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
CHLOROFORM	N.D.	3.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	N.D.	0.50	N.D.	82.0	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
2-CHLOROETHYL VINYL ETHER	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	N.D.	0.50	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
CHLOROBENZENE	N.D.	0.50	N.D.	71.0	1
BROMOFORM	N.D.	2.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	2.0	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1

*Oleg Nemtsov*

Oleg Nemtsov  
Chemist

*Michael Verona*  
Michael Verona  
Operations Manager  
*for*

# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 1-4

Spl#: 173086

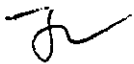
Matrix: SOIL

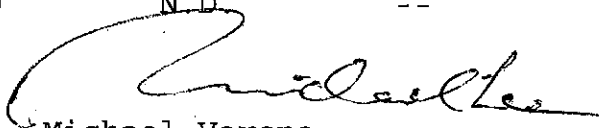
Sampled: February 26, 1998

Run#: 11424

Analyzed: March 2, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	99.4	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
IBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	96.6	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	90.1	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager *for*

# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 1-19

Spl#: 173102


Matrix: SOIL

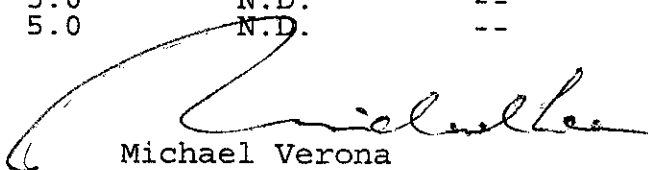

Sampled: February 26, 1998

Run#: 11460

Analyzed: March 3, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROENZENE	N.D.	5.0	N.D.	93.6	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	120	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	91.7	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager  


# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 2-6

Spl#: 173104


Matrix: SOIL

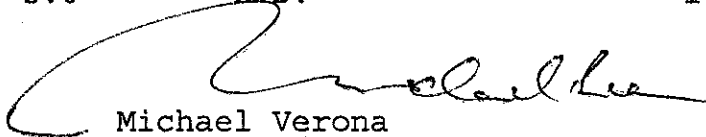
Sampled: February 26, 1998

Run#: 11424

Analyzed: March 2, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	99.4	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	96.6	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	90.1	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 3-4

Spl#: 173105

Matrix: SOIL

Sampled: February 26, 1998

Run#: 11424

Analyzed: March 2, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	99.4	1
2-CHLOROETHYLVINYLEETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	96.6	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	90.1	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao  
Chemist

Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 3-7

Spl#: 173106


Matrix: SOIL

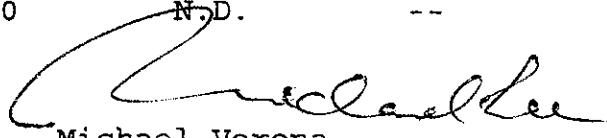

Sampled: February 26, 1998

Run#: 11424

Analyzed: March 2, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLORO BENZENE	N.D.	5.0	N.D.	99.4	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-CHLOROETHYL VINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLORO BENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLORO BENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLORO BENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	96.6	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	90.1	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager 

# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 3-13

Spl#: 173107


Matrix: SOIL

Sampled: February 26, 1998

Run#: 11424

Analyzed: March 2, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	99.4	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	96.6	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	90.1	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager  


# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 4-4

Spl#: 173108


Matrix: SOIL

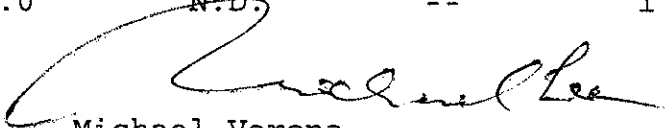
Sampled: February 26, 1998

Run#: 11460

Analyzed: March 3, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE FACTOR (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROENZENE	N.D.	5.0	N.D.	93.6	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-CHLOROETHYLVINYLEETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	120	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	91.7	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager



# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 4-5.5

Spl#: 173109

Matrix: SOIL


Sampled: February 26, 1998

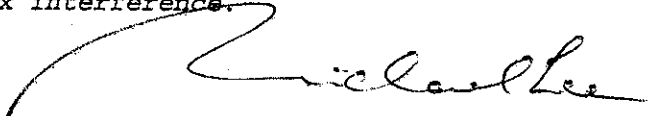

Run#: 11460

Analyzed: March 3, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	93.6	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	120	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	91.7	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager 

# CHROMALAB, INC.

Environmental Services (SDB)

March 4, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Halogenated Volatile Organics by GC/MS analysis.

Method: SW846 Method 8240A Nov 1990

Client Sample ID: 4-11.5

Spl#: 173110


Matrix: SOIL

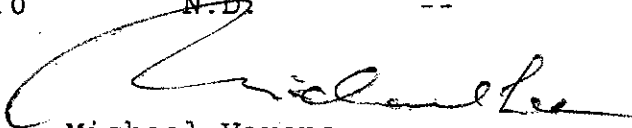
Sampled: February 26, 1998

Run#: 11424

Analyzed: March 2, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROETHANE	N.D.	10	N.D.	99.4	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	96.6	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	90.1	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

  
June Zhao  
Chemist

  
Michael Verona  
Operations Manager

San Francisco Regional Office

1252 Quarry Lane  
P.O. Box 9019  
Pleasanton, CA 94566  
(510) 426-2600  
Fax (510) 426-0106

**Clayton**  
LABORATORY  
SERVICES

March 9, 1998

Mr. Ken Wright  
CHROMALAB, INC.  
1220 Quarry Lane  
Pleasanton, CA 94566

Client Ref.: 9802456  
Clayton Project No.: 98030.65

Dear Mr. Wright:

Attached is our analytical laboratory report for the samples received on March 5, 1998. Also enclosed is a copy of the Chain-of-Custody record acknowledging receipt of these samples.

Please note that any unused portion of the samples will be discarded after April 8, 1998, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact Client Services at (510) 426-2657.

Sincerely,



Andrew C. Bradeen  
Director, Laboratory Services  
San Francisco Regional Office

ACB/las

Attachments

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: 3-4	Date Sampled: --
Lab Number: 9803065-01A	Date Received: 03/05/98
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
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Acid Extractables

4-Chloro-3-methylphenol	59-50-7	ND	2
2-Chlorophenol	95-57-8	ND	2
2,4-Dichlorophenol	120-83-2	ND	2
2,4-Dimethylphenol	105-67-9	ND	2
2,4-Dinitrophenol	51-28-5	ND	10
2-Methyl-4,6-dinitrophenol	534-52-1	ND	10
2-Methylphenol	95-48-7	ND	2
4-Methylphenol	106-44-5	ND	2
2-Nitrophenol	88-75-5	ND	2
4-Nitrophenol	100-02-7	ND	10
Pentachlorophenol	87-86-5	ND	10
Phenol	108-95-2	ND	2
2,4,5-Trichlorophenol	95-95-4	ND	2
2,4,6-Trichlorophenol	88-06-2	ND	2

Base/Neutral Extractables

Acenaphthene	83-32-9	ND	2
Acenaphthylene	208-96-8	ND	2
Anthracene	120-12-7	ND	2
Benzidine	92-87-5	ND	50
Benzoic acid	65-85-0	ND	8
Benzo(a)anthracene	56-55-3	ND	2
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	2
Benzo(ghi)perylene	191-24-2	ND	2
Benzo(a)pyrene	50-32-8	ND	2
Benzyl alcohol	100-51-6	ND	4
Benzyl butyl phthalate	85-68-7	ND	2
Bis(2-chloroethoxy)methane	111-91-1	ND	2

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: 3-4	Date Sampled: --
Lab Number: 9803065-01A	Date Received: 03/05/98
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
<u>Base/Neutral Extractables (Continued)</u>			
Bis(2-chloroethyl) ether	111-44-4	ND	2
Bis(2-chloroisopropyl) ether	108-60-1	ND	2
Bis(2-ethylhexyl) phthalate	117-81-7	ND	20
4-Bromophenyl phenyl ether	101-55-3	ND	2
4-Chloroaniline	106-47-8	ND	10
2-Chloronaphthalene	91-58-7	ND	2
4-Chlorophenyl phenyl ether	7005-72-3	ND	2
Chrysene	218-01-9	ND	2
Dibenzo(a,h) anthracene	53-70-3	ND	2
Dibenzofuran	132-64-9	ND	2
Di-n-butylphthalate	84-74-2	ND	2
1,2-Dichlorobenzene	95-50-1	ND	2
1,3-Dichlorobenzene	541-73-1	ND	2
1,4-Dichlorobenzene	106-46-7	ND	2
3,3'-Dichlorobenzidine	91-94-1	ND	50
Diethylphthalate	84-66-2	ND	2
Dimethylphthalate	131-11-3	ND	2
2,4-Dinitrotoluene	121-14-2	ND	2
2,6-Dinitrotoluene	606-20-2	ND	2
Di-n-octylphthalate	117-84-0	ND	2
Fluoranthene	206-44-0	ND	2
Fluorene	86-73-7	ND	2
Hexachlorobenzene	118-74-1	ND	2
Hexachlorobutadiene	87-68-3	ND	2
Hexachlorocyclopentadiene	77-47-4	ND	20
Hexachloroethane	67-72-1	ND	2
Indeno(1,2,3-cd) pyrene	193-39-5	ND	2
Isophorone	78-59-1	ND	2
2-Methyl naphthalene	91-57-6	ND	2
Naphthalene	91-20-3	ND	2

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: 3-4	Date Sampled: --
Lab Number: 9803065-01A	Date Received: 03/05/98
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
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Base/Neutral Extractables (Continued)

2-Nitroaniline	88-74-4	ND	10
3-Nitroaniline	99-09-2	ND	10
4-Nitroaniline	100-01-6	ND	10
Nitrobenzene	98-95-3	ND	2
N-Nitrosodiphenylamine	86-30-6	ND	2
N-Nitrosodi-n-propylamine	621-64-7	ND	2
Phenanthrene	85-01-8	ND	2
Pyrene	129-00-0	ND	2
1,2,4-Trichlorobenzene	120-82-1	ND	2

Surrogates

		<u>Recovery (%)</u>	<u>QC Limits (%)</u>
2-Fluorobiphenyl	321-60-8	96	30 - 115
2-Fluorophenol	367-12-4	59	25 - 121
Nitrobenzene-d5	4165-60-0	84	23 - 120
Phenol-d5	13127-88-3	86	24 - 113
Terphenyl-d14	98904-43-9	108	18 - 137
2,4,6-Tribromophenol	118-79-6	92	19 - 122

ND: Not detected at or above limit of detection  
--: Information not available or not applicable

Results are reported on a wet-weight basis, as received.  
Note: Detection limits increased due to matrix interference.

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: 4-4	Date Sampled: --
Lab Number: 9803065-02A	Date Received: 03/05/98
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
<u>Acid Extractables</u>			
4-Chloro-3-methylphenol	59-50-7	ND	0.2
2-Chlorophenol	95-57-8	ND	0.2
2,4-Dichlorophenol	120-83-2	ND	0.2
2,4-Dimethylphenol	105-67-9	ND	0.2
2,4-Dinitrophenol	51-28-5	ND	1
2-Methyl-4,6-dinitrophenol	534-52-1	ND	1
2-Methylphenol	95-48-7	ND	0.2
4-Methylphenol	106-44-5	ND	0.2
2-Nitrophenol	88-75-5	ND	0.2
4-Nitrophenol	100-02-7	ND	1
Pentachlorophenol	87-86-5	ND	1
Phenol	108-95-2	ND	0.2
2,4,5-Trichlorophenol	95-95-4	ND	0.2
2,4,6-Trichlorophenol	88-06-2	ND	0.2

Base/Neutral Extractables

Acenaphthene	83-32-9	ND	0.2
Acenaphthylene	208-96-8	ND	0.2
Anthracene	120-12-7	ND	0.2
Benzidine	92-87-5	ND	5
Benzoic acid	65-85-0	ND	0.8
Benzo(a)anthracene	56-55-3	ND	0.2
Benzo(b)fluoranthene	205-99-2	ND	0.2
Benzo(k)fluoranthene	207-08-9	ND	0.2
Benzo(ghi)perylene	191-24-2	ND	0.2
Benzo(a)pyrene	50-32-8	ND	0.2
Benzyl alcohol	100-51-6	ND	0.4
Benzyl butyl phthalate	85-68-7	ND	0.2
Bis(2-chloroethoxy)methane	111-91-1	ND	0.2

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: 4-4	Date Sampled: --
Lab Number: 9803065-02A	Date Received: 03/05/98
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
---------	-------	--------------------------	---

Base/Neutral Extractables (Continued)

Bis(2-chloroethyl)ether	111-44-4	ND	0.2
Bis(2-chloroisopropyl)ether	108-60-1	ND	0.2
Bis(2-ethylhexyl)phthalate	117-81-7	ND	2
4-Bromophenyl phenyl ether	101-55-3	ND	0.2
4-Chloroaniline	106-47-8	ND	1
2-Chloronaphthalene	91-58-7	ND	0.2
4-Chlorophenyl phenyl ether	7005-72-3	ND	0.2
Chrysene	218-01-9	ND	0.2
Dibenzo(a,h)anthracene	53-70-3	ND	0.2
Dibenzofuran	132-64-9	ND	0.2
Di-n-butylphthalate	84-74-2	ND	0.2
1,2-Dichlorobenzene	95-50-1	ND	0.2
1,3-Dichlorobenzene	541-73-1	ND	0.2
1,4-Dichlorobenzene	106-46-7	ND	0.2
3,3'-Dichlorobenzidine	91-94-1	ND	5
Diethylphthalate	84-66-2	ND	0.2
Dimethylphthalate	131-11-3	ND	0.2
2,4-Dinitrotoluene	121-14-2	ND	0.2
2,6-Dinitrotoluene	606-20-2	ND	0.2
Di-n-octylphthalate	117-84-0	ND	0.2
Fluoranthene	206-44-0	ND	0.2
Fluorene	86-73-7	ND	0.2
Hexachlorobenzene	118-74-1	ND	0.2
Hexachlorobutadiene	87-68-3	ND	0.2
Hexachlorocyclopentadiene	77-47-4	ND	2
Hexachloroethane	67-72-1	ND	0.2
Indeno(1,2,3-cd)pyrene	193-39-5	ND	0.2
Isophorone	78-59-1	ND	0.2
2-Methyl naphthalene	91-57-6	ND	0.2
Naphthalene	91-20-3	ND	0.2



# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: 4-11.5

Spl#: 173110

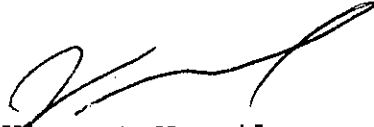
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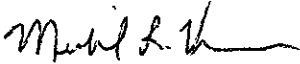
Sampled: February 26, 1998

Run#:11509

Analyzed: March 5, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	76	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: 4-5.5

Spl#: 173109


Matrix: SOIL

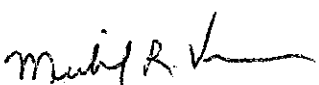
Sampled: February 26, 1998

Run#:11509

Analyzed: March 5, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	76	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Gasoline analysis.

Method: 8015Mod

Client Sample ID: 4-4

Spl#: 173108

Matrix: SOIL


Sampled: February 26, 1998

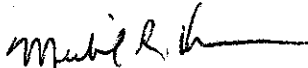
Run#:11510

Analyzed: March 6, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	83	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: 3-13

Spl#: 173107


Matrix: SOIL

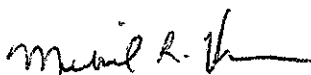
Sampled: February 26, 1998

Run#:11511

Analyzed: March 6, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	94	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: One sample for Gasoline analysis.

Method: 8015Mod

Client Sample ID: 3-7

Spl#: 173106

Matrix: SOIL


Sampled: February 26, 1998

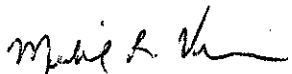
Run#:11510

Analyzed: March 6, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	83	1

Note: Surrogate Recoveries demonstrate Matrix interference.

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 6, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Gasoline analysis.  
Method: 8015Mod

Client Sample ID: 3-4

Spl#: 173105

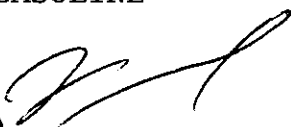
Matrix: SOIL

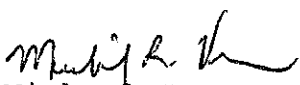
Sampled: February 26, 1998

Run#: 11511

Analyzed: March 6, 1998

<u>ANALYTE</u>	<u>RESULT</u> (mg/Kg)	<u>REPORTING</u> <u>LIMIT</u> (mg/Kg)	<u>BLANK</u> <u>RESULT</u> (mg/Kg)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	1.0	N.D.	94	1

  
Vincent Vancil  
Chemist

  
Michael Verona  
Operations Manager

# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: **Matrix spike** report for Gasoline analysis.

Method: 8015Mod

Matrix: SOIL

Lab Run#: 11511 Instrument: 3400-4

Analyzed: March 5, 1998

Analyte	Spiked		Amt Found		Spike Recov		Control Limits	% RPD	% RPD Lim
	Sample Amount (mg/Kg)	Spike Amt MS MSD (mg/Kg)	MS MSD (mg/Kg)	MS MSD (%) (%)					
GASOLINE	N.D.	0.494 0.453	0.346 0.374	70.0 82.6	65-135	16.5	35		

Sample Spiked: 173102

Submission #: 9802456

Client Sample ID: 1-19

# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Priority Pollutant Metals analysis.  
Method: EPA 3010A/3050A/6010A/7470A/7471A Nov 90

Client Sample ID: B-4

Spl#: 173114

Matrix: WATER

Extracted: March 6, 1998

Sampled: February 26, 1998

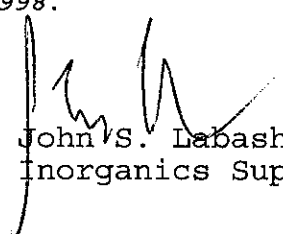
Run#: 11532

Analyzed: March 7, 1998

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
ANTIMONY	0.018	0.0050	N.D.	102	1
ARSENIC	0.072	0.0050	N.D.	101	1
BERYLLIUM	0.0064	0.0050	N.D.	101	1
CADMIUM	0.023	0.0020	N.D.	101	1
CHROMIUM	0.64	0.0050	N.D.	103	1
COPPER	0.38	0.0050	N.D.	101	1
LEAD	0.11	0.0050	N.D.	101	1
NICKEL	0.68	0.0050	N.D.	102	1
SILVER	0.0062	0.0050	N.D.	103	1
THALLIUM	N.D.	0.0050	N.D.	101	1
ZINC	0.73	0.010	N.D.	99.8	1
MERCURY	0.00070	0.00050	N.D.	102	1

Mercury extracted on and analyzed on March 4, 1998.

  
Shafi Barekzai  
Chemist

  
John S. Labash  
Inorganics Supervisor



# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Priority Pollutant Metals analysis.  
Method: EPA 3010A/3050A/6010A/7470A/7471A Nov 90

Client Sample ID: B-3

Spl#: 173113

Matrix: WATER

Extracted: March 6, 1998


Sampled: February 26, 1998

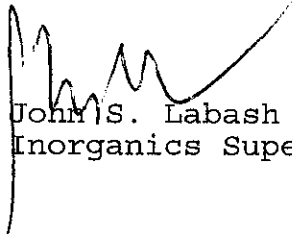
Run#: 11532

Analyzed: March 7, 1998

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
ANTIMONY	0.060	0.0050	N.D.	102	1
ARSENIC	0.17	0.0050	N.D.	101	1
BERYLLIUM	0.024	0.0050	N.D.	101	1
CADMIUM	0.083	0.0020	N.D.	101	1
CHROMIUM	1.7	0.0050	N.D.	103	1
COPPER	1.5	0.0050	N.D.	101	1
LEAD	0.24	0.0050	N.D.	101	1
NICKEL	1.9	0.0050	N.D.	102	1
SILVER	N.D.	0.0050	N.D.	103	1
ZINC	2.3	0.010	N.D.	99.8	1
MERCURY	0.0088	0.00050	N.D.	102	1

Mercury extracted on and analyzed on March 4, 1998.

  
Shafi Barekzai  
Chemist

  
John S. Labash  
Inorganics Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Priority Pollutant Metals analysis.  
Method: EPA 3010A/3050A/6010A/7470A/7471A Nov 90

Client Sample ID: B-2

Spl#: 173112

Matrix: WATER

Extracted: March 6, 1998

Sampled: February 26, 1998

Run#: 11532

Analyzed: March 7, 1998

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
ANTIMONY	0.0056	0.0050	N.D.	102	1
ARSENIC	0.016	0.0050	N.D.	101	1
BERYLLIUM	N.D.	0.0050	N.D.	101	1
CADMIUM	0.0083	0.0020	N.D.	101	1
CHROMIUM	0.28	0.0050	N.D.	103	1
COPPER	0.15	0.0050	N.D.	101	1
LEAD	0.034	0.0050	N.D.	101	1
NICKEL	0.25	0.0050	N.D.	102	1
SILVER	0.0071	0.0050	N.D.	103	1
ZINC	0.32	0.010	N.D.	99.8	1
MERCURY	0.0018	0.00050	N.D.	102	1

Mercury extracted on and analyzed on March 4, 1998.

Shafi Barekzai  
Chemist

John S. Labash  
Inorganics Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Priority Pollutant Metals analysis.  
Method: EPA 3010A/3050A/6010A/7470A/7471A Nov 90

Client Sample ID: B-1

Spl#: 173111

Matrix: WATER

Extracted: March 6, 1998

Sampled: February 26, 1998

Run#: 11532

Analyzed: March 7, 1998

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
ANTIMONY	0.017	0.0050	N.D.	102	1
ARSENIC	0.056	0.0050	N.D.	101	1
BERYLLIUM	0.0057	0.0050	N.D.	101	1
CADMIUM	0.020	0.0020	N.D.	101	1
CHROMIUM	0.54	0.0050	N.D.	103	1
COPPER	0.39	0.0050	N.D.	101	1
LEAD	0.065	0.0050	N.D.	101	1
NICKEL	0.62	0.0050	N.D.	102	1
SILVER	N.D.	0.0050	N.D.	103	1
ZINC	0.69	0.010	N.D.	99.8	1
MERCURY	0.0023	0.00050	N.D.	102	1

Mercury extracted on and analyzed on March 4, 1998.

Shafi Barezai  
Chemist

John S. Labash  
Inorganics Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Priority Pollutant Metals analysis.  
Method: EPA 3010A/3050A/6010A/7470A/7471A Nov 90

Client Sample ID: 2-6

Spl#: 173104

Matrix: SOIL

Extracted: March 6, 1998


Sampled: February 26, 1998

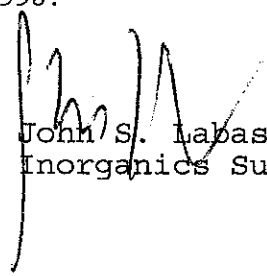
Run#: 11503

Analyzed: March 6, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ANTIMONY	N.D.	2.0	N.D.	102	1
ARSENIC	1.3	1.0	N.D.	100	1
BERYLLIUM	N.D.	0.50	N.D.	104	1
CADMIUM	N.D.	0.50	N.D.	102	1
CHROMIUM	15	1.0	N.D.	91.0	1
COPPER	14	1.0	N.D.	97.6	1
LEAD	4.5	1.0	N.D.	101	1
NICKEL	22	1.0	N.D.	98.4	1
SELENIUM	N.D.	2.0	N.D.	102	1
SILVER	N.D.	1.0	N.D.	86.7	1
THALLIUM	N.D.	2.0	N.D.	99.3	1
ZINC	22	1.0	N.D.	108	1
MERCURY	N.D.	0.050	N.D.	92.4	1

Mercury extracted on and analyzed on March 6, 1998.

  
Christopher Arndt  
Chemist

  
John S. Labash  
Inorganics Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRASEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Priority Pollutant Metals analysis.  
Method: EPA 3010A/3050A/6010A/7470A/7471A Nov 90

Client Sample ID: 1-19

Spl#: 173102

Matrix: SOIL

Extracted: March 6, 1998


Sampled: February 26, 1998

Run#: 11503

Analyzed: March 6, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ANTIMONY	N.D.	2.0	N.D.	102	1
ARSENIC	2.6	1.0	N.D.	100	1
BERYLLIUM	N.D.	0.50	N.D.	104	1
CADMIUM	0.98	0.50	N.D.	102	1
CHROMIUM	20	1.0	N.D.	91.0	1
COPPER	18	1.0	N.D.	97.6	1
LEAD	5.5	1.0	N.D.	101	1
NICKEL	33	1.0	N.D.	98.4	1
SELENIUM	N.D.	2.0	N.D.	102	1
SILVER	N.D.	1.0	N.D.	86.7	1
THALLIUM	N.D.	2.0	N.D.	99.3	1
ZINC	40	1.0	N.D.	108	1
MERCURY	N.D.	0.050	N.D.	92.4	1

Mercury extracted on and analyzed on March 6, 1998.

  
Christopher Arndt  
Chemist

  
John S. Labash  
Inorganics Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

March 9, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.  
Received: February 27, 1998

Project#: E7618

re: One sample for Priority Pollutant Metals analysis.  
Method: EPA 3010A/3050A/6010A/7470A/7471A Nov 90

Client Sample ID: 1-4

Spl#: 173086

Matrix: SOIL

Extracted: March 6, 1998

Sampled: February 26, 1998

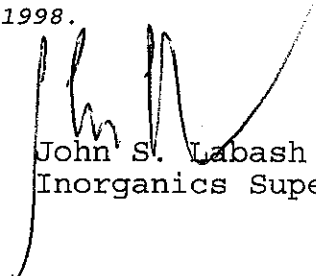
Run#: 11503

Analyzed: March 6, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ANTIMONY	N.D.	2.0	N.D.	102	1
ARSENIC	1.7	1.0	N.D.	100	1
BERYLLIUM	N.D.	0.50	N.D.	104	1
CADMIUM	0.62	0.50	N.D.	102	1
CHROMIUM	13	1.0	N.D.	91.0	1
COPPER	18	1.0	N.D.	97.6	1
LEAD	14	1.0	N.D.	101	1
NICKEL	22	1.0	N.D.	98.4	1
SELENIUM	N.D.	2.0	N.D.	102	1
SILVER	N.D.	1.0	N.D.	86.7	1
THALLIUM	N.D.	2.0	N.D.	99.3	1
ZINC	38	1.0	N.D.	108	1
MERCURY	0.055	0.050	N.D.	92.4	1

Mercury extracted on and analyzed on March 6, 1998.

  
Christopher Arndt  
Chemist

  
John S. Labash  
Inorganics Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

March 5, 1998

Submission #: 9802456

TERRARESEARCH, INC.

Atten: Robert Campbell

Project: SUMMER HILL-OLYMPIC AVE.

Project#: E7618

Received: February 27, 1998

re: 9 samples for Oil and Grease analysis.

Method: 5520 E&F

Sampled: February 26, 1998

Matrix: SOIL  
Run#: 11447

Extracted: March 2, 1998

Analyzed: March 2, 1998

Spl#	CLIENT SPL ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
173086	1-4	N.D.	50	N.D.	102	1
173102	1-19	N.D.	50	N.D.	102	1
173104	2-6	N.D.	50	N.D.	102	1
173105	3-4	130	50	N.D.	102	1
173106	3-7	N.D.	50	N.D.	102	1
173107	3-13	N.D.	50	N.D.	102	1
173108	4-4	N.D.	50	N.D.	102	1
173109	4-5.5	N.D.	50	N.D.	102	1
173110	4-11.5	N.D.	50	N.D.	102	1

*for references*  
Lulu Frazier  
Analyst

*Michael Verona*  
Michael Verona  
Operations Manager

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: 4-4	Date Sampled: --
Lab Number: 9803065-02A	Date Received: 03/05/98
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
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Base/Neutral Extractables (Continued)

2-Nitroaniline	88-74-4	ND	1
3-Nitroaniline	99-09-2	ND	1
4-Nitroaniline	100-01-6	ND	1
Nitrobenzene	98-95-3	ND	0.2
N-Nitrosodiphenylamine	86-30-6	ND	0.2
N-Nitrosodi-n-propylamine	621-64-7	ND	0.2
Phenanthrene	85-01-8	ND	0.2
Pyrene	129-00-0	ND	0.2
1,2,4-Trichlorobenzene	120-82-1	ND	0.2

Surrogates

		Recovery (%)	QC Limits (%)
2-Fluorobiphenyl	321-60-8	90	30 - 115
2-Fluorophenol	367-12-4	77	25 - 121
Nitrobenzene-d5	4165-60-0	83	23 - 120
Phenol-d5	13127-88-3	98	24 - 113
Terphenyl-d14	98904-43-9	101	18 - 137
2,4,6-Tribromophenol	118-79-6	98	19 - 122

ND: Not detected at or above limit of detection

--: Information not available or not applicable

Results are reported on a wet-weight basis, as received.



Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: METHOD BLANK	Date Sampled: --
Lab Number: 9803065-03A	Date Received: --
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
<u>Acid Extractables</u>			
4-Chloro-3-methylphenol	59-50-7	ND	0.2
2-Chlorophenol	95-57-8	ND	0.2
2,4-Dichlorophenol	120-83-2	ND	0.2
2,4-Dimethylphenol	105-67-9	ND	0.2
2,4-Dinitrophenol	51-28-5	ND	1
2-Methyl-4,6-dinitrophenol	534-52-1	ND	1
2-Methylphenol	95-48-7	ND	0.2
4-Methylphenol	106-44-5	ND	0.2
2-Nitrophenol	88-75-5	ND	0.2
4-Nitrophenol	100-02-7	ND	1
Pentachlorophenol	87-86-5	ND	1
Phenol	108-95-2	ND	0.2
2,4,5-Trichlorophenol	95-95-4	ND	0.2
2,4,6-Trichlorophenol	88-06-2	ND	0.2
<u>Base/Neutral Extractables</u>			
Acenaphthene	83-32-9	ND	0.2
Acenaphthylene	208-96-8	ND	0.2
Anthracene	120-12-7	ND	0.2
Benzidine	92-87-5	ND	5
Benzoic acid	65-85-0	ND	0.8
Benzo(a)anthracene	56-55-3	ND	0.2
Benzo(b)fluoranthene	205-99-2	ND	0.2
Benzo(k)fluoranthene	207-08-9	ND	0.2
Benzo(ghi)perylene	191-24-2	ND	0.2
Benzo(a)pyrene	50-32-8	ND	0.2
Benzyl alcohol	100-51-6	ND	0.4
Benzyl butyl phthalate	85-68-7	ND	0.2
Bis(2-chloroethoxy)methane	111-91-1	ND	0.2

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification:	METHOD BLANK	Date Sampled:	--
Lab Number:	9803065-03A	Date Received:	--
Sample Matrix/Media:	SOIL	Date Extracted:	03/06/98
Extraction Method:	EPA 3550	Date Analyzed:	03/07/98
Method Reference:	EPA 8270B	Analyst:	ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
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Base/Neutral Extractables (Continued)

Bis(2-chloroethyl) ether	111-44-4	ND	0.2
Bis(2-chloroisopropyl) ether	108-60-1	ND	0.2
Bis(2-ethylhexyl) phthalate	117-81-7	ND	2
4-Bromophenyl phenyl ether	101-55-3	ND	0.2
4-Chloroaniline	106-47-8	ND	1
2-Chloronaphthalene	91-58-7	ND	0.2
4-Chlorophenyl phenyl ether	7005-72-3	ND	0.2
Chrysene	218-01-9	ND	0.2
Dibenzo(a,h)anthracene	53-70-3	ND	0.2
Dibenzofuran	132-64-9	ND	0.2
Di-n-butylphthalate	84-74-2	ND	0.2
1,2-Dichlorobenzene	95-50-1	ND	0.2
1,3-Dichlorobenzene	541-73-1	ND	0.2
1,4-Dichlorobenzene	106-46-7	ND	0.2
3,3'-Dichlorobenzidine	91-94-1	ND	5
Diethylphthalate	84-66-2	ND	0.2
Dimethylphthalate	131-11-3	ND	0.2
2,4-Dinitrotoluene	121-14-2	ND	0.2
2,6-Dinitrotoluene	606-20-2	ND	0.2
Di-n-octylphthalate	117-84-0	ND	0.2
Fluoranthene	206-44-0	ND	0.2
Fluorene	86-73-7	ND	0.2
Hexachlorobenzene	118-74-1	ND	0.2
Hexachlorobutadiene	87-68-3	ND	0.2
Hexachlorocyclopentadiene	77-47-4	ND	2
Hexachloroethane	67-72-1	ND	0.2
Indeno(1,2,3-cd)pyrene	193-39-5	ND	0.2
Isophorone	78-59-1	ND	0.2
2-Methyl naphthalene	91-57-6	ND	0.2
Naphthalene	91-20-3	ND	0.2

Analytical Results  
for  
CHROMALAB, INC.  
Client Reference: 9802456  
Clayton Project No. 98030.65

Sample Identification: METHOD BLANK	Date Sampled: --
Lab Number: 9803065-03A	Date Received: --
Sample Matrix/Media: SOIL	Date Extracted: 03/06/98
Extraction Method: EPA 3550	Date Analyzed: 03/07/98
Method Reference: EPA 8270B	Analyst: ASC

Analyte	CAS #	Concentration (mg/kg)	Method Detection Limit (mg/kg)
---------	-------	-----------------------	--------------------------------

Base/Neutral Extractables (Continued)

2-Nitroaniline	88-74-4	ND	1
3-Nitroaniline	99-09-2	ND	1
4-Nitroaniline	100-01-6	ND	1
Nitrobenzene	98-95-3	ND	0.2
N-Nitrosodiphenylamine	86-30-6	ND	0.2
N-Nitrosodi-n-propylamine	621-64-7	ND	0.2
Phenanthrene	85-01-8	ND	0.2
Pyrene	129-00-0	ND	0.2
1,2,4-Trichlorobenzene	120-82-1	ND	0.2

Surrogates

		<u>Recovery (%)</u>	<u>QC Limits (%)</u>
2-Fluorobiphenyl	321-60-8	79	30 - 115
2-Fluorophenol	367-12-4	67	25 - 121
Nitrobenzene-d5	4165-60-0	73	23 - 120
Phenol-d5	13127-88-3	90	24 - 113
Terphenyl-d14	98904-43-9	102	18 - 137
2,4,6-Tribromophenol	118-79-6	84	19 - 122

ND: Not detected at or above limit of detection  
--: Information not available or not applicable

Results are reported on a wet-weight basis, as received.

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue  
Modesto, CA 95351

Phone (209) 572-0900  
FAX (209) 572-0916

## CERTIFICATE OF ANALYSIS

8150

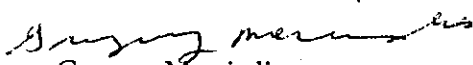
Report # J062-05  
ChromaLab  
1220 Quarry Lane  
Pleasanton CA 94566 - 4756

Date Sampled 02/26/98

Date of Report: 03/13/98  
Date Received: 03/03/98  
Date Started : 03/05/98  
Date Completed: 03/10/98

Project Name:  
Project # 9802456  
Sample ID: 2  
Lab ID: J20299

Method	Detection Limit	Analyte	Results	Units µg/Kg
8150	20	Dicamba	ND	
	50	Dichlorprop	ND	
	100	2,4-D	ND	
	1000	MCPA	ND	
	20	2,4,5-TP(Silvex)	ND	
	20	2,4,5-T	ND	
	20	Dinoseb	ND	
	100	2,4-DB	ND	

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

8150

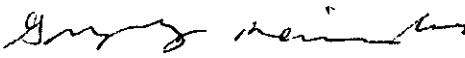
Report # J062-05  
ChromaLab  
1220 Quarry Lane  
Pleasanton CA 94566 - 4756

Date Sampled 02/26/98

Date of Report: 03/13/98  
Date Received: 03/03/98  
Date Started : 03/05/98  
Date Completed: 03/10/98

Project Name:  
Project # 9802456  
Sample ID: 3  
Lab ID: J20300

Method	Detection Limit	Analyte	Results	Units µg/Kg
8150	20	Dicamba	ND	
	50	Dichlorprop	ND	
	100	2,4-D	ND	
	1000	MCPA	ND	
	20	2,4,5-TP(Silvex)	ND	
	20	2,4,5-T	ND	
	20	Dinoseb	ND	
	100	2,4-DB	ND	

  
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Laboratory Director

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## CERTIFICATE OF ANALYSIS

8150

Report # J062-05  
ChromaLab  
1220 Quarry Lane  
Pleasanton CA 94566 - 4756

Date Sampled 02/26/98

Date of Report: 03/13/98  
Date Received: 03/03/98  
Date Started : 03/05/98  
Date Completed: 03/10/98


**Project Name:**

Project # 9802456

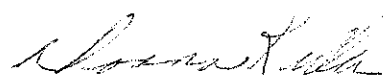
Sample ID: 4

Lab ID: J20301

Method	Detection Limit	Analyte	Results	Units µg/Kg
8150	20	Dicamba	ND	
	50	Dichlorprop	ND	
	100	2,4-D	ND	
	1000	MCPA	ND	
	20	2,4,5-TP(Silvex)	ND	
	20	2,4,5-T	ND	
	20	Dinoseb	ND	
	100	2,4-DB	ND	

  
Gregory Meriadis  
Chemist

Certification # 1157

  
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Laboratory Director

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## CERTIFICATE OF ANALYSIS 8150

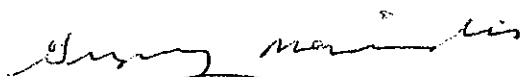
Report # J062-05  
ChromaLab  
1220 Quarry Lane  
Pleasanton CA 94566 - 4756

Date Sampled 02/26/98

Date of Report: 03/13/98  
Date Received: 03/03/98  
Date Started: 03/05/98  
Date Completed: 03/10/98

Project Name:  
Project # 9802456  
Sample ID: 5  
Lab ID: J20302

Method	Detection Limit	Analyte	Results	Units µg/Kg
8150	20	Dicamba	ND	
	50	Dichlorprop	ND	
	100	2,4-D	ND	
	1000	MCPA	ND	
	20	2,4,5-TP(Silvex)	ND	
	20	2,4,5-T	ND	
	20	Dinoseb	ND	
	100	2,4-DB	ND	

  
Gregory Merciadis  
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Certification # 1157

  
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## CERTIFICATE OF ANALYSIS

8150

Report # J062-05  
ChromaLab  
1220 Quarry Lane  
Pleasanton CA 94566 - 4756

Date Sampled 02/26/98

Date of Report: 03/13/98  
Date Received: 03/03/98  
Date Started: 03/05/98  
Date Completed: 03/10/98


**Project Name:**

Project # 9802456

Sample ID: 6

Lab ID: J20303

Method	Detection Limit	Analyte	Results	Units µg/Kg
8150	20	Dicamba	ND	
	50	Dichlorprop	ND	
	100	2,4-D	ND	
	1000	MCPA	ND	
	20	2,4,5-TP(Silvex)	ND	
	20	2,4,5-T	ND	
	20	Dinoseb	ND	
	100	2,4-DB	ND	

  
Gregory Meriadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director



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## CERTIFICATE OF ANALYSIS

8150

Report # J062-05  
ChromaLab  
1220 Quarry Lane  
Pleasanton CA 94566 - 4756

Date Sampled 02/26/98

Date of Report: 03/13/98  
Date Received: 03/03/98  
Date Started : 03/05/98  
Date Completed: 03/10/98

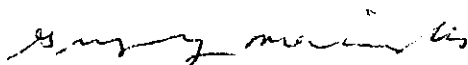
**Project Name:**

Project # 9802456

Sample ID: 1

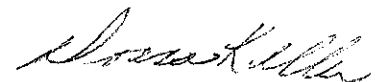
Lab ID: J20298

Method	Detection Limit	Analyte	Results	Units µg/Kg
8150	20	Dicamba	ND	
	50	Dichlorprop	ND	
	100	2,4-D	ND	
	1000	MCPA	ND	
	20	2,4,5-TP(Silvex)	ND	
	20	2,4,5-T	ND	
	20	Dinoseb	ND	
	100	2,4-DB	ND	



Gregory Merciadis  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

**APPENDIX B**

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY  
FORMS – MARCH AND APRIL 1999**

Company Name: TerraSearch, Inc. Project Name: Summerhill - Olympic Ave.  
 Address: 11840 Dublin Blvd. Billing Address (if different):  
 City: Dublin State: CA Zip Code: 94568 **9903105**  
 Telephone: (925) 833-9297 FAX #: 925-833-9545 P.O. #: 27618  
 Report To: Rob Campbell Sampler: Rob Campbell QC Data:  Level D (Standard)  Level C  Level B  Level A

Turnaround  10 Working Days  3 Working Days  2 - 8 Hours  
 Time:  7 Working Days  2 Working Days  
 5 Working Days  24 Hours

Drinking Water  Waste Water  Other  
 14 Analyses Requested  
 8270 8240 8080 (PES) CMM17 TTEP4 Fuel PFI RCI

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Analyses Requested										Comments				
1	3/3/99 10:00	Soil	1	BRASS TUBER	9030376															
2	3/3/99 10:10	Soil	1	↓	9030377	X	X	X	X											
3	3/3/99 10:15	Soil	1	↓	9030378	X	X	X	X											
4	3/3/99 10:20	Soil	1	↓	9030379															
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: [Signature] Date: 3/3/99 Time: 1600 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished By: [Signature] Date: 3/3/99 Time: 1605 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By Lab: [Signature] Date: 3/3/99 Time: 1605

Pink - Client  
Yellow - Sequoia  
White - Sequoia



# Sequoia Analytical

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(707) 792-1865

FAX (650) 364-9233  
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FAX (916) 921-0100  
FAX (707) 792-0342

Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Matrix: Soil  
Analysis Method: EPA 3550/8015 Modified  
First Sample #: 903-0379

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP030599  
8015EXA

## FUEL FINGERPRINT

*E9618*

Analyte	Reporting Limit mg/kg	Sample I.D. 903-0379
Diesel (C9-C24)	1.0	420
JP-4 (C8-C14)	1.0	N.I.
JP-5 (C10-C16)	1.0	N.I.
Kerosene (C10-C16)	1.0	N.I.
Motor Oil (>C16)	10	3,600
Paint Thinner (C10-C12)	1.0	N.I.
Unidentified Extractable Hydrocarbons	1.0	N.I.

### Quality Control Data

Report Limit Multiplication Factor:	200
Date Extracted:	3/5/99
Date Analyzed:	3/9/99
Instrument Identification:	HP-3A

Unidentified Extractable Hydrocarbons are quantitated against a fresh diesel standard.  
Analytes reported as N.I. (None Identified) were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

*Sharma*  
Dimple Sharma  
Project Manager



# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 2  
Analysis Method: EPA 8240  
Lab Number: 903-0377

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 9, 1999  
Analyzed: Mar 10, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0303998240EXA

Instrument ID: GC/MS-2

## VOLATILE ORGANICS by GC/MS (EPA 8240)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone.....	500	680
Benzene.....	100	N.D.
Bromodichloromethane.....	100	N.D.
Bromoform.....	100	N.D.
Bromomethane.....	100	N.D.
2-Butanone.....	500	N.D.
Carbon disulfide.....	100	N.D.
Carbon tetrachloride.....	100	N.D.
Chlorobenzene.....	100	N.D.
Chloroethane.....	100	N.D.
2-Chloroethyl vinyl ether.....	500	N.D.
Chloroform.....	100	N.D.
Chloromethane.....	100	N.D.
Dibromochloromethane.....	100	N.D.
1,1-Dichloroethane.....	100	N.D.
1,2-Dichloroethane.....	100	N.D.
1,1-Dichloroethene.....	100	N.D.
cis-1,2-Dichloroethene.....	100	N.D.
trans-1,2-Dichloroethene.....	100	N.D.
1,2-Dichloropropane.....	100	N.D.
cis-1,3-Dichloropropene.....	100	N.D.
trans-1,3-Dichloropropene.....	100	N.D.
Ethylbenzene.....	100	N.D.
2-Hexanone.....	500	N.D.
Methylene chloride.....	250	N.D.
4-Methyl-2-pentanone.....	500	N.D.
Styrene.....	100	N.D.
1,1,2,2-Tetrachloroethane.....	100	N.D.
Tetrachloroethene.....	100	N.D.
Toluene.....	100	N.D.
1,1,1-Trichloroethane.....	100	N.D.
1,1,2-Trichloroethane.....	100	N.D.
Trichloroethene.....	100	N.D.
Trichlorofluoromethane.....	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.



# Sequoia Analytical

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FAX (707) 792-0342

errasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 2  
Analysis Method: EPA 8240  
Lab Number: 903-0377

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 9, 1999  
Analyzed: Mar 10, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0303998240EXA  
Instrument ID: GC/MS-2

## VOLATILE ORGANICS by GC/MS (EPA 8240)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Vinyl acetate.....	100	N.D.
Vinyl chloride.....	100	N.D.
Total Xylenes .....	100	N.D.
<b>Surrogates</b>	<b>Control Limit %</b>	<b>% Recovery</b>
1,2-Dichloroethane-d4.....	50	150..... 93
Toluene-d8.....	50	150..... 95
4-Bromofluorobenzene.....	50	150..... 96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*D Sharma*  
Dimple Sharma  
Project Manager





# Sequoia Analytical

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FAX (707) 792-0342

errasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 3  
Analysis Method: EPA 8240  
Lab Number: 903-0378

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 9, 1999  
Analyzed: Mar 10, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0303998240EXA

Instrument ID: GC/MS-2

## VOLATILE ORGANICS by GC/MS (EPA 8240)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone.....	500	N.D.
Benzene.....	100	N.D.
Bromodichloromethane.....	100	N.D.
Bromoform.....	100	N.D.
Bromomethane.....	100	N.D.
2-Butanone.....	500	N.D.
Carbon disulfide.....	100	N.D.
Carbon tetrachloride.....	100	N.D.
Chlorobenzene.....	100	N.D.
Chloroethane.....	100	N.D.
2-Chloroethyl vinyl ether.....	500	N.D.
Chloroform.....	100	N.D.
Chloromethane.....	100	N.D.
Dibromochloromethane.....	100	N.D.
1,1-Dichloroethane.....	100	N.D.
1,2-Dichloroethane.....	100	N.D.
1,1-Dichloroethene.....	100	N.D.
cis-1,2-Dichloroethene.....	100	N.D.
trans-1,2-Dichloroethene.....	100	N.D.
1,2-Dichloropropane.....	100	N.D.
cis-1,3-Dichloropropene.....	100	N.D.
trans-1,3-Dichloropropene.....	100	N.D.
Ethylbenzene.....	100	N.D.
2-Hexanone.....	500	N.D.
Methylene chloride.....	250	N.D.
4-Methyl-2-pentanone.....	500	N.D.
Styrene.....	100	N.D.
1,1,2,2-Tetrachloroethane.....	100	N.D.
Tetrachloroethene.....	100	N.D.
Toluene.....	100	N.D.
1,1,1-Trichloroethane.....	100	N.D.
1,1,2-Trichloroethane.....	100	N.D.
Trichloroethene.....	100	N.D.
Trichlorofluoromethane.....	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.



# Sequoia Analytical

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Errasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 3  
Analysis Method: EPA 8240  
Lab Number: 903-0378

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 9, 1999  
Analyzed: Mar 10, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0303998240EXA

Instrument ID: GC/MS-2

## VOLATILE ORGANICS by GC/MS (EPA 8240)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Vinyl acetate.....	100	N.D.
Vinyl chloride.....	100	N.D.
Total Xylenes .....	100	N.D.
<b>Surrogates</b>	<b>Control Limit %</b>	<b>% Recovery</b>
1,2-Dichloroethane-d4.....	50	150..... 93
Toluene-d8.....	50	150..... 95
4-Bromofluorobenzene.....	50	150..... 97

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*Dimple Sharma*  
Dimple Sharma  
Project Manager







# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 2  
Analysis Method: EPA 8270  
Lab Number: 903-0377

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 5, 1999  
Analyzed: Mar 5, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0301998270EXA

Instrument ID: GC/MS-1

## SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene.....	100	N.D.
Acenaphthylene.....	100	N.D.
Aniline.....	100	N.D.
Anthracene.....	100	N.D.
Benzidine.....	2,500	N.D.
Benzoic Acid.....	500	N.D.
Benzo(a)anthracene.....	100	N.D.
Benzo(b)fluoranthene.....	100	N.D.
Benzo(k)fluoranthene.....	100	N.D.
Benzo(g,h,i)perylene.....	100	N.D.
Benzo(a)pyrene.....	100	N.D.
Benzyl alcohol.....	100	N.D.
Bis(2-chloroethoxy)methane.....	100	N.D.
Bis(2-chloroethyl)ether.....	100	N.D.
Bis(2-chloroisopropyl)ether.....	100	N.D.
Bis(2-ethylhexyl)phthalate.....	500	N.D.
4-Bromophenyl phenyl ether.....	100	N.D.
Butyl benzyl phthalate.....	100	N.D.
4-Chloroaniline.....	100	N.D.
2-Chloronaphthalene.....	100	N.D.
4-Chloro-3-methylphenol.....	100	N.D.
2-Chlorophenol.....	100	N.D.
4-Chlorophenyl phenyl ether.....	100	N.D.
Chrysene.....	100	N.D.
Dibenz(a,h)anthracene.....	100	N.D.
Dibenzofuran.....	100	N.D.
Di-N-butyl phthalate.....	500	N.D.
1,3-Dichlorobenzene.....	100	N.D.
1,4-Dichlorobenzene.....	100	N.D.
1,2-Dichlorobenzene.....	100	N.D.
3,3-Dichlorobenzidine.....	500	N.D.
2,4-Dichlorophenol.....	100	N.D.
Diethyl phthalate.....	100	N.D.
2,4-Dimethylphenol.....	100	N.D.
Dimethyl phthalate.....	100	N.D.
4,6-Dinitro-2-methylphenol.....	500	N.D.
2,4-Dinitrophenol.....	500	N.D.
2,4-Dinitrotoluene.....	100	N.D.
2,6-Dinitrotoluene.....	100	N.D.
Di-N-octyl phthalate.....	100	N.D.
Fluoranthene.....	100	N.D.
Fluorene.....	100	N.D.



# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 2  
Analysis Method: EPA 8270  
Lab Number: 903-0377

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 5, 1999  
Analyzed: Mar 5, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0301998270EXA  
Instrument ID: GC/MS-1

## SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Hexachlorobenzene.....	100	N.D.
Hexachlorobutadiene.....	100	N.D.
Hexachlorocyclopentadiene.....	100	N.D.
Hexachloroethane.....	100	N.D.
Indeno(1,2,3-cd)pyrene.....	100	N.D.
Isophorone.....	100	N.D.
2-Methylnaphthalene.....	100	N.D.
2-Methylphenol.....	100	N.D.
4-Methylphenol.....	100	N.D.
Naphthalene.....	100	N.D.
2-Nitroaniline.....	500	N.D.
3-Nitroaniline.....	500	N.D.
4-Nitroaniline.....	500	N.D.
Nitrobenzene.....	100	N.D.
2-Nitrophenol.....	100	N.D.
4-Nitrophenol.....	500	N.D.
N-Nitrosodimethylamine.....	100	N.D.
N-Nitrosodiphenylamine.....	100	N.D.
N-Nitroso-di-N-propylamine.....	100	N.D.
Pentachlorophenol.....	500	N.D.
Phenanthrene.....	100	N.D.
Phenol.....	100	N.D.
Pyrene.....	100	N.D.
1,2,4-Trichlorobenzene.....	100	N.D.
2,4,5-Trichlorophenol.....	500	N.D.
2,4,6-Trichlorophenol.....	100	N.D.

Surrogates	Control Limit %	% Recovery
2-Fluorophenol.....	25	121
Phenol-d6.....	24	113
Nitrobenzene-d5.....	23	120
2-Fluorobiphenyl.....	30	115
2,4,6-Tribromophenol.....	19	122
4-Terphenyl-d14.....	18	137

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma  
Project Manager



# Sequoia Analytical

680 Chesapeake Drive  
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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 3  
Analysis Method: EPA 8270  
Lab Number: 903-0378

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 5, 1999  
Analyzed: Mar 5, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0301998270EXA

Instrument ID: GC/MS-1

## SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene.....	100	N.D.
Acenaphthylene.....	100	N.D.
Aniline.....	100	N.D.
Anthracene.....	100	N.D.
Benzidine.....	2,500	N.D.
Benzoic Acid.....	500	N.D.
Benzo(a)anthracene.....	100	N.D.
Benzo(b)fluoranthene.....	100	N.D.
Benzo(k)fluoranthene.....	100	N.D.
Benzo(g,h,i)perylene.....	100	N.D.
Benzo(a)pyrene.....	100	N.D.
Benzyl alcohol.....	100	N.D.
Bis(2-chloroethoxy)methane.....	100	N.D.
Bis(2-chloroethyl)ether.....	100	N.D.
Bis(2-chloroisopropyl)ether.....	100	N.D.
Bis(2-ethylhexyl)phthalate.....	500	N.D.
4-Bromophenyl phenyl ether.....	100	N.D.
Butyl benzyl phthalate.....	100	N.D.
4-Chloroaniline.....	100	N.D.
2-Chloronaphthalene.....	100	N.D.
4-Chloro-3-methylphenol.....	100	N.D.
2-Chlorophenol.....	100	N.D.
4-Chlorophenyl phenyl ether.....	100	N.D.
Chrysene.....	100	N.D.
Dibenz(a,h)anthracene.....	100	N.D.
Dibenzofuran.....	100	N.D.
Di-N-butyl phthalate.....	500	N.D.
1,3-Dichlorobenzene.....	100	N.D.
1,4-Dichlorobenzene.....	100	N.D.
1,2-Dichlorobenzene.....	100	N.D.
3,3-Dichlorobenzidine.....	500	N.D.
2,4-Dichlorophenol.....	100	N.D.
Diethyl phthalate.....	100	N.D.
2,4-Dimethylphenol.....	100	N.D.
Dimethyl phthalate.....	100	N.D.
4,6-Dinitro-2-methylphenol.....	500	N.D.
2,4-Dinitrophenol.....	500	N.D.
2,4-Dinitrotoluene.....	100	N.D.
2,6-Dinitrotoluene.....	100	N.D.
Di-N-octyl phthalate.....	100	N.D.
Fluoranthene.....	100	N.D.
Fluorene.....	100	N.D.



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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 3  
Analysis Method: EPA 8270  
Lab Number: 903-0378

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 5, 1999  
Analyzed: Mar 5, 1999  
Reported: Mar 11, 1999

QC Batch Number: SP0301998270EXA

Instrument ID: GC/MS-1

## SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Hexachlorobenzene.....	100	N.D.
Hexachlorobutadiene.....	100	N.D.
Hexachlorocyclopentadiene.....	100	N.D.
Hexachloroethane.....	100	N.D.
Indeno(1,2,3-cd)pyrene.....	100	N.D.
Isophorone.....	100	N.D.
2-Methylnaphthalene.....	100	N.D.
2-Methylphenol.....	100	N.D.
4-Methylphenol.....	100	N.D.
Naphthalene.....	100	N.D.
2-Nitroaniline.....	500	N.D.
3-Nitroaniline.....	500	N.D.
4-Nitroaniline.....	500	N.D.
Nitrobenzene.....	100	N.D.
2-Nitrophenol.....	100	N.D.
4-Nitrophenol.....	500	N.D.
N-Nitrosodimethylamine.....	100	N.D.
N-Nitrosodiphenylamine.....	100	N.D.
N-Nitroso-di-N-propylamine.....	100	N.D.
Pentachlorophenol.....	500	N.D.
Phenanthrene.....	100	N.D.
Phenol.....	100	N.D.
Pyrene.....	100	N.D.
1,2,4-Trichlorobenzene.....	100	N.D.
2,4,5-Trichlorophenol.....	500	N.D.
2,4,6-Trichlorophenol.....	100	N.D.

Surrogates	Control Limit %	% Recovery
2-Fluorophenol.....	25	121
Phenol-d6.....	24	113
Nitrobenzene-d5.....	23	120
2-Fluorobiphenyl.....	30	115
2,4,6-Tribromophenol.....	19	122
4-Terphenyl-d14.....	18	137

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*Sharma*  
Dimple Sharma  
Project Manager



# Sequoia Analytical

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errasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 2  
Analysis Method: EPA 8080  
Lab Number: 903-0377

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 5, 1999  
Analyzed: Mar 8, 1999  
Reported: Mar 11, 1999

QC Batch Number: GC030599OPCBEXA  
Instrument ID: GCHP-12

## POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
PCB 1016.....	20	N.D.
PCB 1221.....	80	N.D.
PCB 1232.....	20	N.D.
PCB 1242.....	20	N.D.
PCB 1248.....	20	N.D.
PCB 1254.....	20	N.D.
PCB 1260.....	20	N.D.
<b>Surrogates</b>	<b>Control Limit %</b>	<b>% Recovery</b>
Dibutylchloroendate.....	30 150.....	114
Tetrachloro-m-xylene.....	30 150.....	59

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL #1210

*Sharma*  
Dimple Sharma  
Project Manager



# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 3  
Analysis Method: EPA 8080  
Lab Number: 903-0378

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Extracted: Mar 5, 1999  
Analyzed: Mar 8, 1999  
Reported: Mar 11, 1999

QC Batch Number: GC030599OPCBEXA  
Instrument ID: GCHP-12

## POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
PCB 1016.....	20	N.D.
PCB 1221.....	80	N.D.
PCB 1232.....	20	N.D.
PCB 1242.....	20	N.D.
PCB 1248.....	20	N.D.
PCB 1254.....	20	N.D.
PCB 1260.....	20	N.D.

Surrogates	Control Limit %	% Recovery
Dibutylchlorodate.....	30	150
Tetrachloro-m-xylene.....	30	150

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL #1210

*D Sharma*  
Dimple Sharma  
Project Manager



# Sequoia Analytical

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FAX (707) 792-0342

Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 2  
Lab Number: 903-0377

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Digested: Mar 4-9, 1999  
Analyzed: Mar 10, 1999  
Reported: Mar 11, 1999

## CAM 17 METALS

Analyte	Detection Limit mg/kg	Sample Results mg/kg	QC Batch Number	Instrument ID
Antimony.....	5.0	N.D.	ME0303996010MDA	MV-4
Arsenic.....	5.0	N.D.	ME0303996010MDA	MV-4
Barium.....	0.50	93	ME0303996010MDA	MV-4
Beryllium.....	0.50	N.D.	ME0303996010MDA	MV-4
Cadmium.....	0.50	N.D.	ME0303996010MDA	MV-4
Chromium (III).....	0.50	26	ME0303996010MDA	MV-4
Cobalt.....	0.50	4.9	ME0303996010MDA	MV-4
Copper.....	0.50	14	ME0303996010MDA	MV-4
Lead.....	1.0	N.D.	ME0303996010MDA	MV-4
Mercury.....	0.010	0.016	ME0309997471MDA	MV-1
Molybdenum.....	0.50	N.D.	ME0303996010MDA	MV-4
Nickel.....	1.0	26	ME0303996010MDA	MV-4
Selenium.....	5.0	N.D.	ME0303996010MDA	MV-4
Silver.....	0.50	N.D.	ME0303996010MDA	MV-4
Thallium.....	5.0	N.D.	ME0303996010MDA	MV-4
Vanadium.....	0.50	17	ME0303996010MDA	MV-4
Zinc.....	1.0	22	ME0303996010MDA	MV-4

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*Dimple Sharma*  
Dimple Sharma  
Project Manager



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FAX (707) 792-0342

Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 3  
Lab Number: 903-0378

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Digested: Mar 4-9, 1999  
Analyzed: Mar 10, 1999  
Reported: Mar 11, 1999

## CAM 17 METALS

Analyte	Detection Limit mg/kg	Sample Results mg/kg	QC Batch Number	Instrument ID
Antimony.....	5.0	N.D.	ME0303996010MDA	MV-4
Arsenic.....	5.0	N.D.	ME0303996010MDA	MV-4
Barium.....	0.50	90	ME0303996010MDA	MV-4
Beryllium.....	0.50	N.D.	ME0303996010MDA	MV-4
Cadmium.....	0.50	N.D.	ME0303996010MDA	MV-4
Chromium (III).....	0.50	29	ME0303996010MDA	MV-4
Cobalt.....	0.50	20	ME0303996010MDA	MV-4
Copper.....	0.50	61	ME0303996010MDA	MV-4
Lead.....	1.0	N.D.	ME0303996010MDA	MV-4
Mercury.....	0.010	0.034	ME0309997471MDA	MV-1
Molybdenum.....	0.50	N.D.	ME0303996010MDA	MV-4
Nickel.....	1.0	40	ME0303996010MDA	MV-4
Selenium.....	5.0	N.D.	ME0303996010MDA	MV-4
Silver.....	0.50	N.D.	ME0303996010MDA	MV-4
Thallium.....	5.0	N.D.	ME0303996010MDA	MV-4
Vanadium.....	0.50	93	ME0303996010MDA	MV-4
Zinc.....	1.0	59	ME0303996010MDA	MV-4

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

  
Dimple Sharma  
Project Manager





# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 1(Comp1-4)  
Lab Number: 903-0376

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Analyzed: Mar 4, 1999  
Reported: Mar 11, 1999

## REACTIVITY

Analyte	Detection Limit mg/kg	Sample Results mg/kg	QC Batch Number	Instrument ID
Reactivity:				
Sulfide, mg/kg.....	50	N.D.	9030143	--
Cyanide, mg/kg.....	10	N.D.	9030143	--
Reaction with water.....	N.A.	N.D.	9030143	--

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #2245

Dimple Sharma  
Project Manager



# Sequoia Analytical

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FAX (916) 921-0100  
FAX (707) 792-0342

Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Sample Descript: Soil, 1(Comp1-4)  
Lab Number: 903-0376

Sampled: Mar 3, 1999  
Received: Mar 3, 1999  
Analyzed: Mar 5-11, 1999  
Reported: Mar 11, 1999

## CORROSIVITY AND IGNITABILITY

Analyte	Sample Results	QC Batch Number	Instrument ID
Corrosivity: pH.....	8.4	IN030599904514B	INPH-1
Ignitability: Flashpoint (Pensky-Martens), °C.....	>100	IN031199101000A	Manual

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*D Sharma*  
Dimple Sharma  
Project Manager



# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Matrix: Solid

QC Sample Group: 9030376-379

Reported: Mar 11, 1999

## QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloroethene	Trichloroethene	Benzene	Toluene	Chloro-benzene	Diesel
QC Batch#:	SP030399 8240EXA	SP030399 8240EXA	SP030399 8240EXA	SP030399 8240EXA	SP030399 8240EXA	SP030599 8015EXA
Analy. Method:	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8240	EPA 8015M.
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 3550
Analyst:	N. Nelson	N. Nelson	N. Nelson	N. Nelson	N. Nelson	K. Grubb
MS/MSD #:	9021992	9021992	9021992	9021992	9021992	9030407
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/3/99	3/3/99	3/3/99	3/3/99	3/3/99	3/5/99
Analyzed Date:	3/4/99	3/4/99	3/4/99	3/4/99	3/4/99	3/8/99
Instrument I.D.#:	GC/MS-2	GC/MS-2	GC/MS-2	GC/MS-2	GC/MS-2	HP-3A
Conc. Spiked:	2500 µg/kg	2500 µg/kg	2500 µg/kg	2500 µg/kg	2500 µg/kg	15 mg/kg
Result:	1,900	2,600	2,500	2,600	2,700	11
MS % Recovery:	76	104	100	104	108	73
Dup. Result:	2,100	2,600	2,500	2,600	2,700	10
MSD % Recov.:	84	104	100	104	108	67
RPD:	10	0.0	0.0	0.0	0.0	9.5
RPD Limit:	0-25	0-25	0-25	0-25	0-25	0-50

LCS #:	LCS030999	LCS030999	LCS030999	LCS030999	LCS030999	LCS030599
Prepared Date:	3/9/99	3/9/99	3/9/99	3/9/99	3/9/99	3/5/99
Analyzed Date:	3/10/99	3/10/99	3/10/99	3/10/99	3/10/99	3/8/99
Instrument I.D.#:	GC/MS-2	GC/MS-2	GC/MS-2	GC/MS-2	GC/MS-2	HP-3A
Conc. Spiked:	2500 µg/kg	2500 µg/kg	2500 µg/kg	2500 µg/kg	2500 µg/kg	15 mg/kg
LCS Result:	2,000	2,500	2,800	2,700	2,600	11
LCS % Recov.:	80	100	112	108	104	73

MS/MSD LCS Control Limits	65-135	70-130	70-130	70-130	70-130	60-140
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**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271

*D Sharma*  
Dimple Sharma  
Project Manager



# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Matrix: Solid

QC Sample Group: 9030376-379

Reported: Mar 11, 1999

## QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro benzene	N-Nitroso-Di-N-propylamine	1,2,4-Trichloro benzene	4-Chloro-3 Methylphenol
QC Batch#:	SP030199 8270EXA	SP030199 8270EXA	SP030199 8270EXA	SP030199 8270EXA	SP030199 8270EXA	SP030199 8270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550	EPA 3550	EPA 3550	EPA 3550
Analyst:	L. Diaz	L. Diaz	L. Diaz	L. Diaz	L. Diaz	L. Diaz
MS/MSD #:	9022432	9022432	9022432	9022432	9022432	9022432
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/1/99	3/1/99	3/1/99	3/1/99	3/1/99	3/1/99
Analyzed Date:	3/1/99	3/1/99	3/1/99	3/1/99	3/1/99	3/1/99
Instrument I.D.#:	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1
Conc. Spiked:	5000 µg/kg	5000 µg/kg	3300 µg/kg	3300 µg/kg	3300 µg/kg	5000 µg/kg
Result:	3,200	3,500	2,300	2,800	2,600	3,900
MS % Recovery:	64	70	70	85	79	78
Dup. Result:	3,700	4,200	2,700	3,300	3,000	4,400
MSD % Recov.:	74	84	82	100	91	88
RPD:	14	18	16	16	14	12
RPD Limit:	0-40	0-40	0-40	0-40	0-40	0-40

LCS #:	BLK030599	BLK030599	BLK030599	BLK030599	BLK030599	BLK030599
Prepared Date:	3/5/99	3/5/99	3/5/99	3/5/99	3/5/99	3/5/99
Analyzed Date:	3/5/99	3/5/99	3/5/99	3/5/99	3/5/99	3/5/99
Instrument I.D.#:	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1
Conc. Spiked:	5000 µg/kg	5000 µg/kg	3300 µg/kg	3300 µg/kg	3300 µg/kg	5000 µg/kg
LCS Result:	3,400	3,800	2,400	2,900	2,600	3,800
LCS % Recov.:	68	76	73	88	79	76

MS/MSD LCS Control Limits	26-90	25-102	28-104	41-126	38-107	26-103
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**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271

*Sharma*

Dimple Sharma  
Project Manager



# Sequoia Analytical

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
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FAX (650) 364-9233  
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FAX (916) 921-0100  
FAX (707) 792-0342

Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Matrix: Solid

QC Sample Group: 9030376-379

Reported: Mar 11, 1999

## QUALITY CONTROL DATA REPORT

Analyte:	Acenaphthene	4-Nitrophenol	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	SP030199 8270EXA	SP030199 8270EXA	SP030199 8270EXA	SP030199 8270EXA	SP030199 8270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550	EPA 3550	EPA 3550
Analyst:	L. Diaz	L. Diaz	L. Diaz	L. Diaz	L. Diaz
MS/MSD #:	9022432	9022432	9022432	9022432	9022432
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/1/99	3/1/99	3/1/99	3/1/99	3/1/99
Analyzed Date:	3/1/99	3/1/99	3/1/99	3/1/99	3/1/99
Instrument I.D.#:	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1
Conc. Spiked:	3300 µg/kg	5000 µg/kg	3300 µg/kg	5000 µg/kg	3300 µg/kg
Result:	2,400	4,300	2,500	4,000	2,800
MS % Recovery:	73	86	76	80	85
Dup. Result:	2,800	4,600	2,800	4,300	3,200
MSD % Recov.:	85	92	85	86	97
RPD:	15	6.7	11	7.2	13
RPD Limit:	0-40	0-40	0-40	0-40	0-40

LCS #:	BLK030599	BLK030599	BLK030599	BLK030599	BLK030599
Prepared Date:	3/5/99	3/5/99	3/5/99	3/5/99	3/5/99
Analyzed Date:	3/5/99	3/5/99	3/5/99	3/5/99	3/5/99
Instrument I.D.#:	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1	GC/MS-1
Conc. Spiked:	3300 µg/kg	5000 µg/kg	3300 µg/kg	5000 µg/kg	3300 µg/kg
LCS Result:	2,700	3,600	2,500	3,900	2,500
LCS % Recov.:	82	72	76	78	76

MS/MSD LCS Control Limits	31-137	11-114	28-89	17-109	35-142
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\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271

*Dimple Sharma*  
Dimple Sharma  
Project Manager





# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Matrix: Solid

QC Sample Group: 9030376-379

Reported: Mar 11, 1999

## QUALITY CONTROL DATA REPORT

Analyte:	Cadmium	Chromium	Copper	Nickel	Lead	Zinc	Arsenic
QC Batch#:	ME030399	ME030399	ME030399	ME030399	ME030399	ME030399	ME030399
	6010MDA	6010MDA	6010MDA	6010MDA	6010MDA	6010MDA	6010MDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050	EPA 3050	EPA 3050	EPA 3050
Analyst:	J. Kelly	J. Kelly	J. Kelly	J. Kelly	J. Kelly	J. Kelly	J. Kelly
MS/MSD #:	9030250	9030250	9030250	9030250	9030250	9030250	9030250
Sample Conc.:	N.D.	31 mg/kg	11 mg/kg	30 mg/kg	20 mg/kg	21 mg/kg	N.D.
Prepared Date:	3/3/99	3/3/99	3/3/99	3/3/99	3/3/99	3/3/99	3/3/99
Analyzed Date:	3/11/99	3/11/99	3/11/99	3/11/99	3/11/99	3/11/99	3/11/99
Instrument I.D.#:	MV-4	MV-4	MV-4	MV-4	MV-4	MV-4	MV-4
Conc. Spiked:	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg
Result:	48	76	59	78	66	68	0
MS % Recovery:	96	90	96	96	92	94	0
Dup. Result:	48	81	59	79	65	68	0
MSD % Recov.:	96	100	96	98	90	94	0
RPD:	0.0	6.4	0.0	1.3	1.5	0.0	0.0
RPD Limit:	0-20	0-20	0-20	0-20	0-20	0-20	0-20

LCS #:	LCS030399	LCS030399	LCS030399	LCS030399	LCS030399	LCS030399	LCS030399
Prepared Date:	3/3/99	3/3/99	3/3/99	3/3/99	3/3/99	3/3/99	3/3/99
Analyzed Date:	3/11/99	3/11/99	3/11/99	3/11/99	3/11/99	3/11/99	3/11/99
Instrument I.D.#:	MV-4	MV-4	MV-4	MV-4	MV-4	MV-4	MV-4
Conc. Spiked:	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg
LCS Result:	50	53	53	53	52	52	52
LCS % Recov.:	100	106	106	106	104	104	104

MS/MSD LCS Control Limits	80-120	80-120	80-120	80-120	80-120	80-120	80-120
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\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271

*Sharma*

Dimple Sharma  
Project Manager



# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Matrix: Solid

QC Sample Group: 9030376-379

Reported: Mar 11, 1999

## QUALITY CONTROL DATA REPORT

<b>Analyte:</b>	Mercury	PCB 1260	Reactive Sulfide	Reactive Cyanide
<b>QC Batch#:</b>	ME030999	GC030599	9030143	9030143
	7471MDA	OPCBEXA		
<b>Analy. Method:</b>	EPA 7471	EPA 8080	EPA 9030B	SW846
<b>Prep. Method:</b>	EPA 7471	EPA 3550	-	-
<b>Analyst:</b>	T. Le	S. Toyoda	Petaluma	Petaluma
<b>MS/MSD #:</b>	9030643	BLK030599	-	-
<b>Sample Conc.:</b>	0.40 mg/kg	N.D.	-	-
<b>Prepared Date:</b>	3/9/99	3/5/99	-	-
<b>Analyzed Date:</b>	3/10/99	3/8/99	-	-
<b>Instrument I.D.#:</b>	MV-1	GCHP-12	-	-
<b>Conc. Spiked:</b>	0.10 mg/kg	83 µg/kg	-	-
<b>Result:</b>	0.39	83	-	-
<b>MS % Recovery:</b>	0	100	-	-
<b>Dup. Result:</b>	0.44	76	-	-
<b>MSD % Recov.:</b>	40	92	-	-
<b>RPD:</b>	12	8.8	-	-
<b>RPD Limit:</b>	0-20	0-50	-	-

<b>LCS #:</b>	LCS030999	-	LCS030499	LCS030499
<b>Prepared Date:</b>	3/9/99	-	3/4/99	3/4/99
<b>Analyzed Date:</b>	3/10/99	-	3/4/99	3/5/99
<b>Instrument I.D.#:</b>	MV-1	-	-	-
<b>Conc. Spiked:</b>	0.10 mg/kg	-	843 mg/kg	500 mg/kg
<b>LCS Result:</b>	0.11	-	290	23
<b>LCS % Recov.:</b>	110	-	34	4.5

<b>MS/MSD LCS Control Limits</b>	75-125	40-140	10-120	2.0-120
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\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271,  
#1210, & #2245

*D Sharma*  
Dimple Sharma  
Project Manager



# Sequoia Analytical

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568

Attention: Rob Campbell

Client Project ID: Summerhill- Olympic Ave.  
Matrix: Solid

QC Sample Group: 9030376-379

Reported: Mar 11, 1999

## QUALITY CONTROL DATA REPORT

<b>Analyte:</b>	Corrosivity	Ignitability
<b>QC Batch#:</b>	IN030599 9045I4B	IN031199 101000A
<b>Analy. Method:</b>	EPA 9045	EPA 1010
<b>Prep. Method:</b>	EPA 9045	EPA 1010

**Analyst:** K. Anderson F. Allotey

**Duplicate Sample #:** 9030376 9030376

**Prepared Date:** 3/5/99 3/11/99  
**Analyzed Date:** 3/5/99 3/11/99  
**Instrument I.D.#:** INPH-1 Manual

**Sample Concentration:** 8.4 pH units > 100 °C

**Dup. Sample Concentration:** 8.3 pH units > 100 °C

**RPD:** 1.2 0.0  
**RPD Limit:** 0-30 0-30

SEQUOIA ANALYTICAL, #1271

*Dimple Sharma*  
Dimple Sharma  
Project Manager

\*\* RPD=Relative % Difference

9030379.TER <21>





# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 735-1550 (800) 287-1799 • Fax: (408) 755-5555

## Chain of Custody/Analysis Work Order

Client: Terrasearch  
 Address: 11840 Dublin Blvd  
Dublin, CA 94568  
 Contact: Rob Campbell  
 Telephone #: (925) 833-9297  
 Date Received: 4/14/99 Fax (925) 833-9548  
 Turn Around: 24 Hour

Project ID: Olympic Ave Hayward  
 Purchase Order #: E7618

Sampler/Company: Chris Winn Terrasearch Telephone #: \_\_\_\_\_  
 Special Instructions/Comments: \_\_\_\_\_

**LAB USE ONLY**

Samples arrived chilled and intact:  
 Yes \_\_\_\_\_ No \_\_\_\_\_  
 Notes: Cancel Gas, Diesel, BTEX, mtBG, 8010 for G9250, Cancel 8010 for all (M) 4/14/99

Sample Information								Requested Analysis								
Lab #	Sample ID	Grab/Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container	TPH 2550 TPH 5015	TOG 5520 D+F	PERD MINE 52.60	metals CPB, CS 82.70	8010 per client (M)				
G9250	W-1	Grab	Water	4/14/99	720	HCl →	1 AMB 1 Glass	X	X	X	X	X				
G9245	1	30 Grab	Soil	4/14/99	900	None	Brass liner	X	X	X	X	X				
G9246	2	Grab	↓	↓	1020	↓	↓	X	X	X	X	X				
G9247	3	Grab	↓	↓	1040	↓	↓	X	X	X	X	X				
G9248	4	Grab	↓	↓	1050	↓	↓	X	X	X	X	X				
G9249	5	Grab	↓	↓	1100	↓	↓	X	X	X	X	X				

Relinquish By: [Signature] Received By: J. S. INSH Date: 4/14/99 Time: 1400  
 Relinquish By: J. S. INSH Received By: [Signature] Date: 4/14/99 Time: 2:50p  
 Relinquish By: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# Entech Analytical Labs, Inc.

CA ELAP# I-2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

**Terrasearch**  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attn: Rob Campbell

Date: 4/15/99  
Date Received: 4/14/99  
Project: Olympic Ave, Hayward  
PO #: E7618  
Sampled By: Client

## Certified Analytical Report

### Soil Sample Analysis: (All results in mg/kg)

Sample ID	1			2			3				
Sample Date	4/14/99			4/14/99			4/14/99				
Sample Time	9:00			10:20			10:40				
Lab #	G9245			G9246			G9247				
	Result	DF	DLR	Result	DF	DLR	Result	DF	DLR	PQL	Method
Analysis Date	4/15/99			4/15/99			4/15/99				
TRPH	550	1.0	25	ND	1.0	25	ND	1.0	25	25	SM5520

DF=Dilution Factor    ND= None Detected above DLR    PQL=Practical Quantitation Limit    DLR=Detection Reporting Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #I-2346)



Michelle L. Anderson, Lab Director

Environmental Analysis Since 1983

# Entech Analytical Labs, Inc.

CA ELAP# I-2346

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attn: Rob Campbell

Date: 4/15/99  
Date Received: 4/14/99  
Project: Olympic Ave, Hayward  
PO #: E7618  
Sampled By: Client


## Certified Analytical Report

### Soil Sample Analysis: (All results in mg/kg)

Sample ID	4			5					
Sample Date	4/14/99			4/14/99					
Sample Time	10:50			11:00					
Lab #	G9248			G9249					
	Result	DF	DLR	Result	DF	DLR		PQL	Method
Analysis Date	4/15/99			4/15/99					
TRPH	ND	1.0	25	ND	1.0	25		25	SM5520

DF=Dilution Factor    ND= None Detected above DLR    PQL=Practical Quantitation Limit    DLR=Detection Reporting Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #I-2346)

  
Michelle L. Anderson, Lab Director

# Entech Analytical Labs, Inc.

CA ELAP# I-2346

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**Terrasearch**  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attn: Rob Campbell

Date: 4/15/99  
Date Received: 4/14/99  
Project: Olympic Ave, Hayward  
PO #: E7618  
Sampled By: Client

## Certified Analytical Report

### Water Sample Analysis:

Sample ID	W-1								
Sample Date	4/14/99								
Sample Time	7:20								
Lab #	G9250								
	Result	DF	DLR					PQL	Method
Results in mg/Liter:									
Analysis Date	4/15/99								
TRPH	26	1.0	5.0					5.0	SM5520

DF=Dilution Factor    ND= None Detected above DLR    PQL=Practical Quantitation Limit    DLR=Detection Reporting Limit  
Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #I-2346)



Michelle L. Anderson, Lab Director

# Entech Analytical Labs, Inc.

CA ELAP# I-2346

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attn: Rob Campbell

Date: 4/15/99  
Date Received: 4/14/99  
Project: Olympic Ave, Hayward  
PO #: E7618  
Sampled By: Client

## Certified Analytical Report

### Soil Sample Analysis: (All results in mg/kg)

Sample ID	1			2			3				
Sample Date	4/14/99			4/14/99			4/14/99				
Sample Time	9:00			10:20			10:40				
Lab #	G9245			G9246			G9247				
	Result	DF	DLR	Result	DF	DLR	Result	DF	DLR	PQL	Method
Extraction	TTLIC			TTLIC			TTLIC				3050
6010 Analysis Date	4/14/99			4/14/99			4/14/99				
Cadmium	ND	1.0	5.0	ND	1.0	5.0	ND	1.0	5.0	5.0	6010
Chromium	14	1.0	5.0	27	1.0	5.0	29	1.0	5.0	5.0	6010
Lead	ND	1.0	5.0	ND	1.0	5.0	ND	1.0	5.0	5.0	6010
Nickel	16	1.0	5.0	35	1.0	5.0	35	1.0	5.0	5.0	6010
Zinc	28	1.0	5.0	46	1.0	5.0	52	1.0	5.0	5.0	6010



Michelle L. Anderson, Lab Director

DF=Dilution Factor  
PQL= Practical Quantitation Limit

ND=None Detected above DLR  
DLR=Detection Reporting Limit

*Environmental Analysis Since 1983*

# Entech Analytical Labs, Inc.

CA ELAP# I-2346

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Terrasearch  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attn: Rob Campbell

Date: 4/15/99  
Date Received: 4/14/99  
Project: Olympic Ave, Hayward  
PO #: E7618  
Sampled By: Client

## Certified Analytical Report

### Soil Sample Analysis: (All results in mg/kg)

Sample ID	4			5						
Sample Date	4/14/99			4/14/99						
Sample Time	10:50			11:00						
Lab #	G9248			G9249						
	Result	DF	DLR	Result	DF	DLR			PQL	Method
Extraction	TTLIC			TTLIC						3050
6010 Analysis Date	4/14/99			4/14/99						
Cadmium	ND	1.0	5.0	ND	1.0	5.0			5.0	6010
Chromium	24	1.0	5.0	27	1.0	5.0			5.0	6010
Lead	ND	1.0	5.0	ND	1.0	5.0			5.0	6010
Nickel	29	1.0	5.0	34	1.0	5.0			5.0	6010
Zinc	45	1.0	5.0	44	1.0	5.0			5.0	6010

  
Michelle L. Anderson, Lab Director

DF=Dilution Factor  
PQL= Practical Quantitation Limit

ND=None Detected above DLR  
DLR=Detection Reporting Limit

*Environmental Analysis Since 1983*

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CA ELAP# I-2346

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**Terrasearch**  
11840 Dublin Blvd.  
Dublin, CA 94568  
Attn: Rob Campbell

Date: 4/15/99  
Date Received: 4/14/99  
Project: Olympic Ave, Hayward  
PO #: E7618  
Sampled By: Client

## Certified Analytical Report

### Water Sample Analysis: (All results in mg/Liter)

Sample ID	W-1								
Sample Date	4/14/99								
Sample Time	7:20								
Lab #	G9250								
	Result	DF	DLR					PQL	Method
200.7 Analysis Date	4/15/99								
<b>Cadmium</b>	<b>ND</b>	1.0	0.005					0.005	200.7
<b>Chromium</b>	<b>0.008</b>	1.0	0.005					0.005	200.7
<b>Lead</b>	<b>0.029</b>	1.0	0.015					0.015	200.7
<b>Nickel</b>	<b>0.010</b>	1.0	0.005					0.005	200.7
<b>Zinc</b>	<b>0.037</b>	1.0	0.005					0.005	200.7

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #I-2346)



Michelle L. Anderson, Lab Director

DF=Dilution Factor  
PQL= Practical Quantitation Limit

ND=None Detected above DLR  
DLR=Detection Reporting Limit

*Environmental Analysis Since 1983*

# Entech Analytical Labs, Inc.

CA ELAP# I-2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

April 15, 1999

Rob Campbell  
Terrasearch  
11840 Dublin Blvd  
Dublin, CA 94568

Subject: 5 Soil Samples and 1 Water Sample  
Lab #'s: G9245 through G9249 (Soil)  
G9250 (Water)  
Project Name: Olympic Ave, Hayward  
Project Number:  
P.O. Number: E7618  
Method(s): EPA 8260  
EPA 8015M - Acculabs  
EPA 8015M, EPA 8020, EPA 8270-ATL  
Subcontract Lab(s): Acculabs (CA ELAP#2330)  
Advanced Technology Laboratories (CA ELAP#1838)

Dear Rob Campbell,

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#I-2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,



Michelle L. Anderson  
Lab Director



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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 9:00  
 Lab #: G9245  
 Client ID: 1

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/15/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetone	(46)	20	20	Chloroform	ND	5	5
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Benzene	(8.3)	5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	5
Bromobenzene	ND	5	5	1,2-Dibromoethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	5	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	(22)	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1,3-Dichlorobenzene	ND	5	5
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	5	5
n-Butylbenzene	(41)	5	5	1,1-Dichloroethane	ND	5	5
sec-Butylbenzene	(22)	5	5	1,2-Dichloroethane	ND	5	5
tert-Butylbenzene	ND	5	5	1,1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichloroethene	ND	5	5
Carbon Tetrachloride	ND	5	5	trans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	5	5
Chloroethane	ND	5	5	1,3-Dichloropropane	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5	5	2,2-Dichloropropane	ND	5	5

Surrogate	Recovery (%)
Dibromofluoromethane	115
Toluene-d8	124
4-Bromofluorobenzene	56

1. Results are reported in ug/kg (ppb).
2. DLR = DF x PQL
3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #I-2346)



Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B


Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 9:00  
 Lab #: G9245  
 Client ID: 1

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/15/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1,1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cis-1,3-Dichloropropene	ND	5	5	Toluene	ND	5	5
trans-1,3-Dichloropropene	ND	5	5	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	5	5	1,2,4-Trichlorobenzene	ND	5	5
Ethyl Methacrylate	ND	5	5	1,2,3-Trichloropropane	ND	5	5
Ethylbenzene	ND	5	5	1,1,1-Trichloroethane	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1,2-Trichloroethane	ND	5	5
2-Hexanone	ND	20	20	Trichloroethene	ND	5	5
Iodomethane	ND	5	5	Trichlorofluoromethane	ND	5	5
Isopropylbenzene	9.3	5	5	1,2,4-Trimethylbenzene	13	5	5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	16	5	5				
Methylene Chloride	ND	5	5				
Naphthalene	76	5	5				
Pentachloroethane	ND	5	5				
Propionitrile	ND	5	5				
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5				
1,1,2,2-Tetrachloroethane	ND	5	5				

Surrogate	Recovery (%)
Dibromofluoromethane	115
Toluene-d8	124
4-Bromofluorobenzene	56

1. Results are reported in ug/kg (ppb).
2. DLR= DF x PQL
3. Low surrogate recovery due to matrix interference
4. Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)

  
 Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

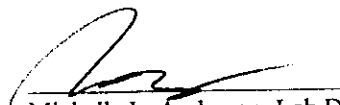
Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 10:20  
 Lab #: G9246  
 Client ID: 2

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/14/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	20	20	Chloroform	ND	5	5
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Benzene	ND	5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	5
Bromobenzene	ND	5	5	1,2-Dibromoethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	5	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1,3-Dichlorobenzene	ND	5	5
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	5	5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	5	5
tert-Butylbenzene	ND	5	5	1,1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichloroethene	ND	5	5
Carbon Tetrachloride	ND	5	5	trans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	5	5
Chloroethane	ND	5	5	1,3-Dichloropropane	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5	5	2,2-Dichloropropane	ND	5	5

Surrogate	Recovery (%)
Dibromofluoromethane	89
Toluene-d8	93
4-Bromofluorobenzene	87

1. Results are reported in ug/kg (ppb).
2. DLR= DF x PQL
3. Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)

  
 Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B


Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 10:20  
 Lab #: G9246.  
 Client ID: 2

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/14/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1,1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cis-1,3-Dichloropropene	ND	5	5	Toluene	ND	5	5
trans-1,3-Dichloropropene	ND	5	5	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	5	5	1,2,4-Trichlorobenzene	ND	5	5
Ethyl Methacrylate	ND	5	5	1,2,3-Trichloropropane	ND	5	5
Ethylbenzene	ND	5	5	1,1,1-Trichloroethane	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1,2-Trichloroethane	ND	5	5
2-Hexanone	ND	20	20	Trichloroethene	ND	5	5
Iodomethane	ND	5	5	Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ND	5	5	1,2,4-Trimethylbenzene	ND	5	5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	ND	5	5				
Methylene Chloride	ND	5	5				
Naphthalene	ND	5	5				
Pentachloroethane	ND	5	5				
Propionitrile	ND	5	5				
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5				
1,1,2,2-Tetrachloroethane	ND	5	5				

Surrogate	Recovery (%)
Dibromofluoromethane	89
Toluene-d8	93
4-Bromofluorobenzene	87

1. Results are reported in ug/kg (ppb).
2. DLR= DF x PQL
3. Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)



Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 10:40  
 Lab #: G9247  
 Client ID: 3

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/14/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	20	20	Chloroform	ND	5	5
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Benzene	ND	5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	5
Bromobenzene	ND	5	5	1,2-Dibromoethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	5	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1,3-Dichlorobenzene	ND	5	5
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	5	5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	5	5
tert-Butylbenzene	ND	5	5	1,1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichloroethene	ND	5	5
Carbon Tetrachloride	ND	5	5	trans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	5	5
Chloroethane	ND	5	5	1,3-Dichloropropane	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5	5	2,2-Dichloropropane	ND	5	5

Surrogate	Recovery (%)
Dibromofluoromethane	101
Toluene-d8	95
4-Bromofluorobenzene	86

1. Results are reported in ug/kg (ppb).
2.  $DLR = DF \times PQL$
3. Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)



Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 10:40  
 Lab #: G9247  
 Client ID: 3

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/14/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1,1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cis-1,3-Dichloropropene	ND	5	5	Toluene	ND	5	5
trans-1,3-Dichloropropene	ND	5	5	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	5	5	1,2,4-Trichlorobenzene	ND	5	5
Ethyl Methacrylate	ND	5	5	1,2,3-Trichloropropane	ND	5	5
Ethylbenzene	ND	5	5	1,1,1-Trichloroethane	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1,2-Trichloroethane	ND	5	5
2-Hexanone	ND	20	20	Trichloroethene	ND	5	5
Iodomethane	ND	5	5	Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ND	5	5	1,2,4-Trimethylbenzene	ND	5	5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	23	5	5				
Methylene Chloride	ND	5	5				
Naphthalene	ND	5	5				
Pentachloroethane	ND	5	5				
Propionitrile	ND	5	5				
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5				
1,1,2,2-Tetrachloroethane	ND	5	5				

Surrogate	Recovery (%)
Dibromofluoromethane	101
Toluene-d8	95
4-Bromofluorobenzene	86

1. Results are reported in ug/kg (ppb).
2. DLR= DF x PQL
3. Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)



Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B


Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 10:50  
 Lab #: G9248  
 Client ID: 4

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/14/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	20	20	Chloroform	ND	5	5
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Benzene	ND	5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	5
Bromobenzene	ND	5	5	1,2-Dibromoethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	5	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1,3-Dichlorobenzene	ND	5	5
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	5	5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	5	5
tert-Butylbenzene	ND	5	5	1,1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichloroethene	ND	5	5
Carbon Tetrachloride	ND	5	5	trans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	5	5
Chloroethane	ND	5	5	1,3-Dichloropropane	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5	5	2,2-Dichloropropane	ND	5	5

Surrogate	Recovery (%)
Dibromofluoromethane	95
Toluene-d8	94
4-Bromofluorobenzene	92

1. Results are reported in ug/kg (ppb).
2.  $DLR = DF \times PQL$
3. Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)

  
 Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 10:50  
 Lab #: G9248  
 Client ID: 4


Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/14/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1,1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cis-1,3-Dichloropropene	ND	5	5	Toluene	ND	5	5
trans-1,3-Dichloropropene	ND	5	5	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	5	5	1,2,4-Trichlorobenzene	ND	5	5
Ethyl Methacrylate	ND	5	5	1,2,3-Trichloropropane	ND	5	5
Ethylbenzene	ND	5	5	1,1,1-Trichloroethane	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1,2-Trichloroethane	ND	5	5
2-Hexanone	ND	20	20	Trichloroethene	ND	5	5
Iodomethane	ND	5	5	Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ND	5	5	1,2,4-Trimethylbenzene	ND	5	5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	12	5	5				
Methylene Chloride	ND	5	5				
Naphthalene	ND	5	5				
Pentachloroethane	ND	5	5				
Propionitrile	ND	5	5				
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5				
1,1,2,2-Tetrachloroethane	ND	5	5				

Surrogate  
 Dibromofluoromethane  
 Toluene-d8  
 4-Bromofluorobenzene

Recovery (%)  
 95  
 94  
 92

1. Results are reported in ug/kg (ppb).
2. DLR= DF x PQL
3. Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)

  
 Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor



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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 11:00  
 Lab #: G9249  
 Client ID: 5

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/15/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	20	20	Chloroform	ND	5	5
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Benzene	ND	5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	5
Bromobenzene	ND	5	5	1,2-Dibromoethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	5	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1,3-Dichlorobenzene	ND	5	5
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	5	5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	5	5
tert-Butylbenzene	ND	5	5	1,1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichloroethene	ND	5	5
Carbon Tetrachloride	ND	5	5	trans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	5	5
Chloroethane	ND	5	5	1,3-Dichloropropane	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5	5	2,2-Dichloropropane	ND	5	5

Surrogate	Recovery (%)
Dibromofluoromethane	97
Toluene-d8	91
4-Bromofluorobenzene	88

- Results are reported in ug/kg (ppb).
- DLR = DF x PQL
- Analysis performed by Entech Analytical Labs, Inc.  
(CAELAP #I-2346)

  
 Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Terrasearch  
 Sample Matrix: Soil  
 Sample Date/Time: 4/14/99 11:00  
 Lab #: G9249  
 Client ID: 5

Date Reported: 4/15/99  
 Date Received: 4/14/99  
 Date Analyzed: 4/15/99  
 Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1,1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cis-1,3-Dichloropropene	ND	5	5	Toluene	ND	5	5
trans-1,3-Dichloropropene	ND	5	5	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	5	5	1,2,4-Trichlorobenzene	ND	5	5
Ethyl Methacrylate	ND	5	5	1,2,3-Trichloropropane	ND	5	5
Ethylbenzene	ND	5	5	1,1,1-Trichloroethane	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1,2-Trichloroethane	ND	5	5
2-Hexanone	ND	20	20	Trichloroethene	ND	5	5
Iodomethane	ND	5	5	Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ND	5	5	1,2,4-Trimethylbenzene	ND	5	5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	ND	5	5				
Methylene Chloride	ND	5	5				
Naphthalene	ND	5	5				
Pentachloroethane	ND	5	5				
Propionitrile	ND	5	5				
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5				
1,1,2,2-Tetrachloroethane	ND	5	5				

Surrogate	Recovery (%)
Dibromofluoromethane	97
Toluene-d8	91
4-Bromofluorobenzene	88

1. Results are reported in ug/kg (ppb).
2. DLR= DF x PQL
3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #I-2346)



Michelle L. Anderson, Lab Director

ND: None Detected at or above DLR  
 DLR: Detection Reporting Limit

PQL: Practical Quantitation Limit  
 DF: Dilution Factor

April 15, 1999

ELAP No.: 1838

Entech Analytical Labs, Inc.  
525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

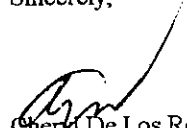
ATTN: Michelle Anderson

Client's Project: Terrasearch  
Lab No.: 34938-001/006

Enclosed are the results for sample(s) received by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (562) 989 - 4045 if I can be of further assistance to your company.

Sincerely,

  
Cheryl De Los Reyes  
Technical Operations Manager  
CDR/jh

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purpose without authorization is prohibited.



*Advanced Technology*  
*Laboratories*

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040



Advanced Technologies  
Laboratories

1510 E. 33rd Street

Signal Hill, CA 90807

Tel: 562 989-4045

Fax: 562 989-4040

Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil

METHOD 8015M (Gasoline)/EPA 8020

Lab No.:	Method Blank	34938-001																			
Client Sample I.D.:	---	G9245(1)																			
Date Sampled:	---	04/14/99																			
QC Batch #:	I998G20S114	I998G20S114																			
Date Analyzed:	04/15/99	04/15/99																			
Analyst Initials:	AK	AK																			
Dilution Factor:	1	1																			
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg	1.0	ND	1.0	ND															
Benzene	5	µg/kg	5.0	ND	5.0	ND															
Toluene	5	µg/kg	5.0	ND	5.0	ND															
Ethylbenzene	5	µg/kg	5.0	ND	5.0	ND															
Xylenes (total)	5	µg/kg	5.0	ND	5.0	ND															

Lab No.:																					
Client Sample I.D.:																					
Date Sampled:																					
QC Batch #:																					
Date Analyzed:																					
Analyst Initials:																					
Dilution Factor:																					
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg																			
Benzene	5	µg/kg																			
Toluene	5	µg/kg																			
Ethylbenzene	5	µg/kg																			
Xylenes (total)	5	µg/kg																			

MDL = Method Detection Limit  
 ND = Not Detected. (Below DLR)

DLR = MDL X Dilution Factor  
 NA = Not Analyzed

Reviewed/Approved By: \_\_\_\_\_

*[Signature]*  
 Lee Ingvaldson, Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.



Advanced Technology  
Laboratories

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client:  
Attn:

Entech Analytical Labs, Inc.  
Michelle Anderson

Client's Project:  
Date Received:  
Matrix:

Terrasearch  
04/15/99  
Soil

METHOD 8615M (Gasoline)/EPA 802B

Lab No.:	34938-002																		
Client Sample I.D.:	G9246(2)																		
Date Sampled:	04/14/99																		
QC Batch #:	I998G20S114																		
Date Analyzed:	04/15/99																		
Analyst Initials:	AK																		
Dilution Factor:	1																		
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg	1.0	ND															
Benzene	5	µg/kg	5.0	ND															
Toluene	5	µg/kg	5.0	ND															
Ethylbenzene	5	µg/kg	5.0	ND															
Xylenes (total)	5	µg/kg	5.0	ND															

Lab No.:																			
Client Sample I.D.:																			
Date Sampled:																			
QC Batch #:																			
Date Analyzed:																			
Analyst Initials:																			
Dilution Factor:																			
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg																	
Benzene	5	µg/kg																	
Toluene	5	µg/kg																	
Ethylbenzene	5	µg/kg																	
Xylenes (total)	5	µg/kg																	

MDL = Method Detection Limit  
ND = Not Detected. (Below DLR)

DLR = MDL X Dilution Factor  
NA = Not Analyzed

Reviewed/Approved By:

*V. Mallon*  
Lee Ingvaldson, Department Supervisor

Date:

*4/15/99*

The cover letter is an integral part of this analytical report.



Advanced Technology  
Laboratories

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Entech Analytical Labs, Inc.  
Attn: Michelle Anderson

Client's Project: Terrasearch  
Date Received: 04/15/99  
Matrix: Soil

METHOD 8015M (Gasoline)/EPA 8020

Lab No.:	34938-003																		
Client Sample ID.:	G9247(3)																		
Date Sampled:	04/14/99																		
QC Batch #:	I998G20S114																		
Date Analyzed:	04/15/99																		
Analyst Initials:	AK																		
Dilution Factor:	1																		
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg	1.0	ND															
Benzene	5	µg/kg	5.0	ND															
Toluene	5	µg/kg	5.0	ND															
Ethylbenzene	5	µg/kg	5.0	ND															
Xylenes (total)	5	µg/kg	5.0	ND															

Lab No.:																			
Client Sample ID.:																			
Date Sampled:																			
QC Batch #:																			
Date Analyzed:																			
Analyst Initials:																			
Dilution Factor:																			
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg																	
Benzene	5	µg/kg																	
Toluene	5	µg/kg																	
Ethylbenzene	5	µg/kg																	
Xylenes (total)	5	µg/kg																	

MDL = Method Detection Limit  
ND = Not Detected. (Below DLR)

DLR = MDL X Dilution Factor  
NA = Not Analyzed

Reviewed/Approved By: Lee Ingvaldson  
Lee Ingvaldson, Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.



Advanced Technology  
Laboratories

1510 E. 33rd Street  
Signal Hill, CA 90807  
Tel: 562 989-4045  
Fax: 562 989-4040

Client: Entech Analytical Labs, Inc.  
Attn: Michelle Anderson  
  
Client's Project: Terrasearch  
Date Received: 04/15/99  
Matrix: Soil

METHOD 8915M (Gasoline)/EPA 8020

Lab No.:	34938-004																		
Client Sample I.D.:	G9248(4)																		
Date Sampled:	04/14/99																		
QC Batch #:	I998G20S114																		
Date Analyzed:	04/15/99																		
Analyst Initials:	AK																		
Dilution Factor:	1																		
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg	1.0	ND															
Benzene	5	µg/kg	5.0	ND															
Toluene	5	µg/kg	5.0	ND															
Ethylbenzene	5	µg/kg	5.0	ND															
Xylenes (total)	5	µg/kg	5.0	ND															

Lab No.:																			
Client Sample I.D.:																			
Date Sampled:																			
QC Batch #:																			
Date Analyzed:																			
Analyst Initials:																			
Dilution Factor:																			
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg																	
Benzene	5	µg/kg																	
Toluene	5	µg/kg																	
Ethylbenzene	5	µg/kg																	
Xylenes (total)	5	µg/kg																	

MDL = Method Detection Limit  
ND = Not Detected. (Below DLR)

DLR = MDL X Dilution Factor  
NA = Not Analyzed

Reviewed/Approved By: Lee Ingvaldson  
Lee Ingvaldson, Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.



Advanced Technology Laboratories

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Client: Entech Analytical Labs, Inc.  
Attn: Michelle Anderson

Client's Project: Terrasearch  
Date Received: 04/15/99  
Matrix: Soil

METHOD 8015M (Gasoline)/EPA 8020

Lab No.:	34938-005																		
Client Sample I.D.:	G9249(5)																		
Date Sampled:	04/14/99																		
QC Batch #:	I998G20S114																		
Date Analyzed:	04/15/99																		
Analyst Initials:	AK																		
Dilution Factor:	1																		
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg	1.0	ND															
Benzene	5	µg/kg	5.0	ND															
Toluene	5	µg/kg	5.0	ND															
Ethylbenzene	5	µg/kg	5.0	ND															
Xylenes (total)	5	µg/kg	5.0	ND															

Lab No.:																			
Client Sample I.D.:																			
Date Sampled:																			
QC Batch #:																			
Date Analyzed:																			
Analyst Initials:																			
Dilution Factor:																			
Analyte	MDL	Units	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DL	Results	DL	Results	
TPH (Gas)	1	mg/kg																	
Benzene	5	µg/kg																	
Toluene	5	µg/kg																	
Ethylbenzene	5	µg/kg																	
Xylenes (total)	5	µg/kg																	

MDL = Method Detection Limit  
ND = Not Detected. (Below DLR)

DLR = MDL X Dilution Factor  
NA = Not Analyzed

Reviewed/Approved By: Lee Ingvaldson  
Lee Ingvaldson, Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.





**Acculabs Inc.**

**Davis**

1046 Olive Drive, Davis CA 95616 ■ 530-757-0920 ■ Fax 753-6091

Sample Log 19887  
April 15, 1999

Michelle Anderson  
Entech Analytical Labs, Inc.  
525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

Subject : 5 Soil samples.  
Project Name : Terrasearch  
Project Number :

Dear Ms. Anderson,

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Acculabs - Davis is certified by the State of Arizona (AZ0583) and the State of California (# 2330). If you have any questions regarding procedures or results, please call me at 530-757-0920.

Sincerely,

Tom Kwoka



# Acculabs Inc.

Davis

1046 Olive Drive, Davis CA 95616 ■ 530-757-0920 ■ Fax 753-6091

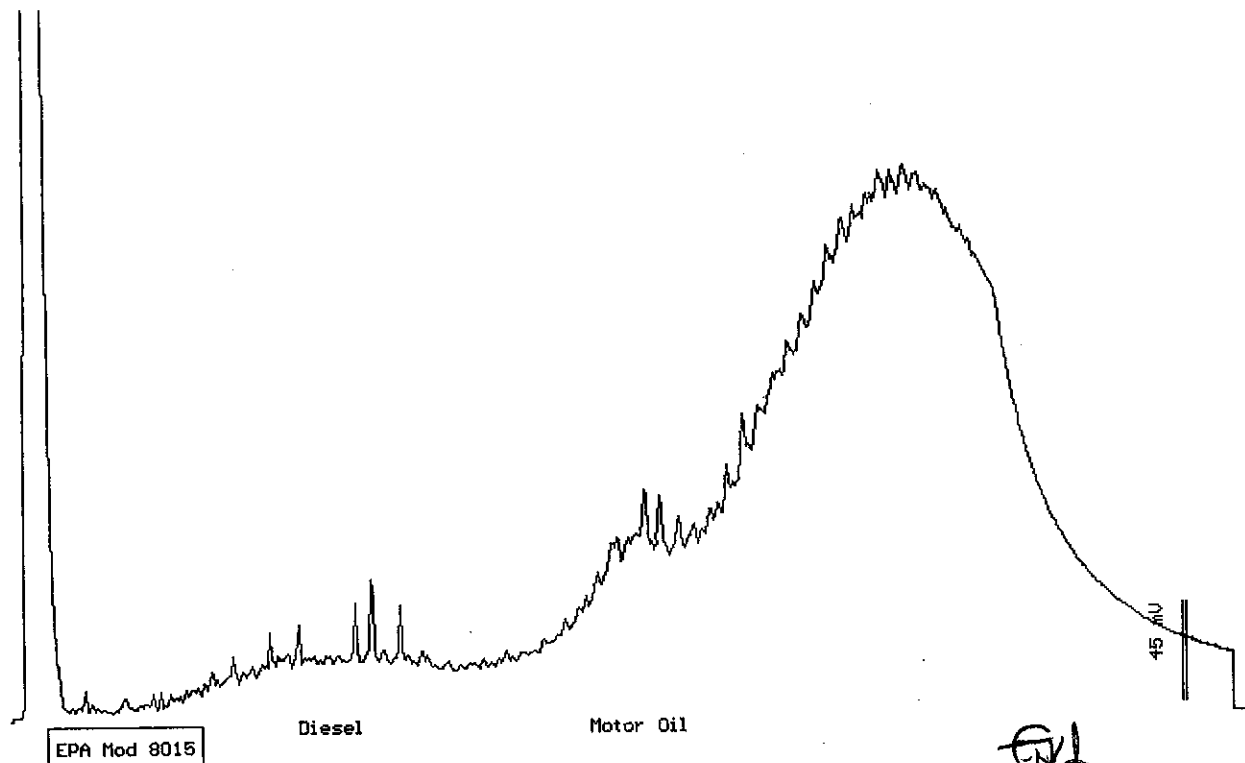
Sample Log 19887  
19887-01

Sample: G9245 (1)

From : Terrasearch  
Sampled : 04/14/99  
Extracted: 04/14/99  
Dilution : 1:5  
Matrix : Soil

QC Batch : DS990402  
Run Log : 7435C

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(5.0)	200



EPA Mod 8015

Date: 04-15-99 Time: 12:13:08  
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky  
Senior Chemist



# Acculabs Inc.

Davis

1046 Olive Drive, Davis CA 95616 ■ 530-757-0920 ■ Fax 753-6091

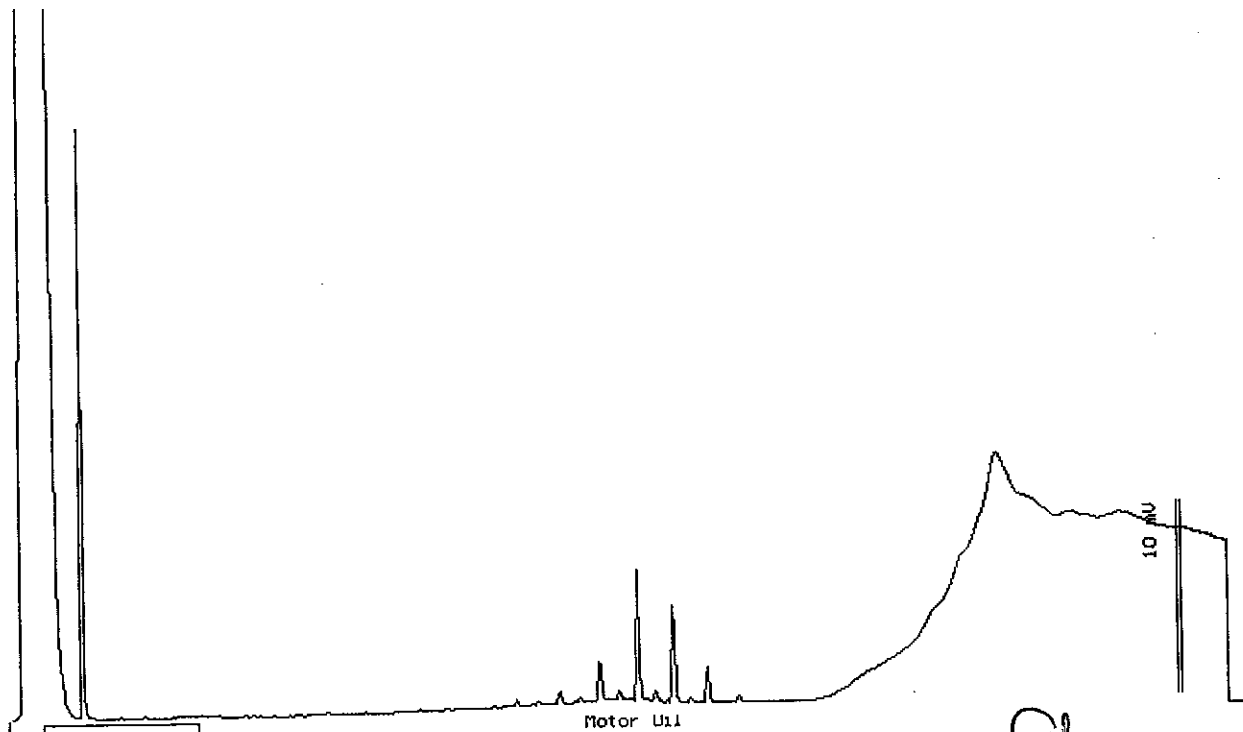
Sample Log 19887  
19887-02

Sample: G9246 (2)


From : Terrasearch  
Sampled : 04/14/99  
Extracted: 04/14/99  
Dilution : 1:1  
Matrix : Soil

QC Batch : DS990402  
Run Log : 7435C

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0



Date: 04-15-99 Time: 12:47:48  
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

  
Stewart Podolsky  
Senior Chemist



# Acculabs Inc.

Davis

1046 Olive Drive, Davis CA 95616 ■ 530-757-0920 ■ Fax 753-6091

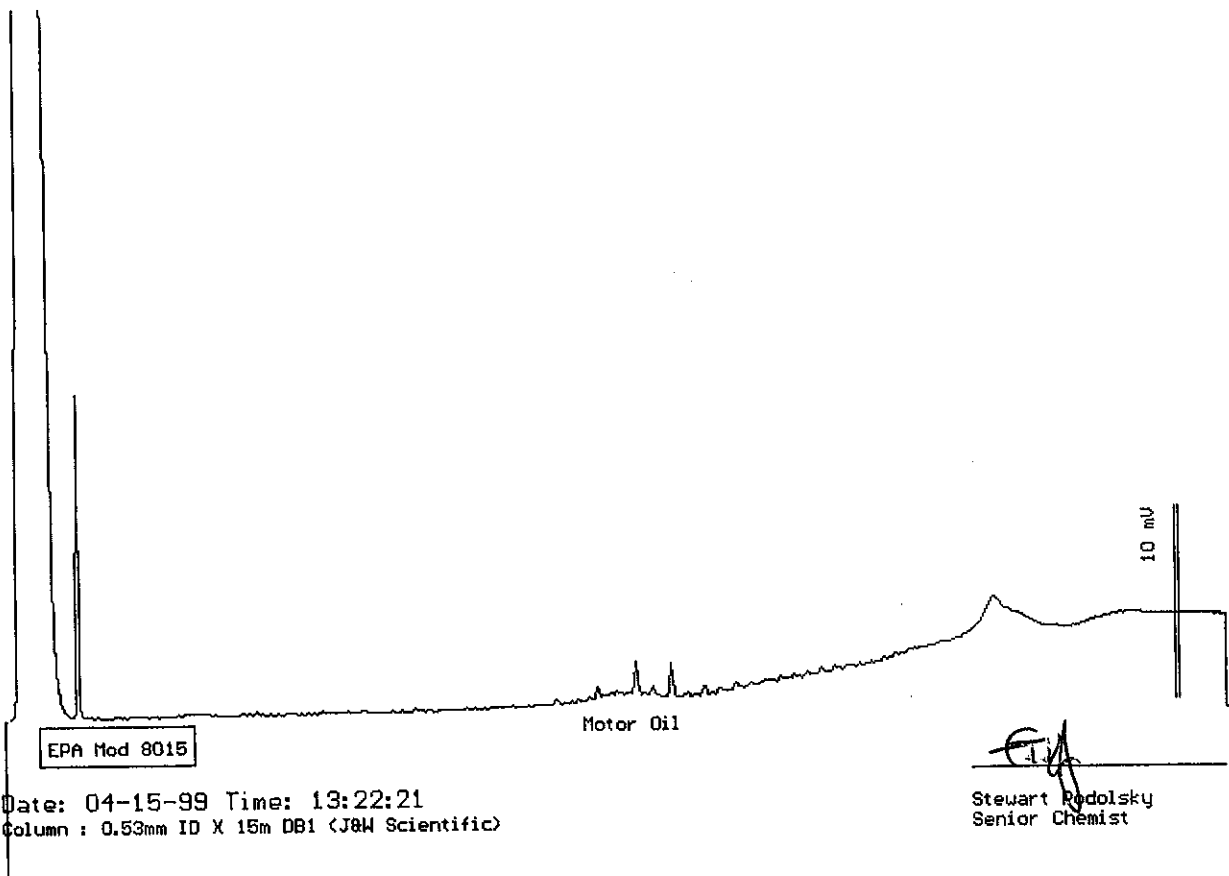
Sample Log 19887  
19887-03

Sample: G9247 (3)

From : Terrasearch  
Sampled : 04/14/99  
Extracted: 04/14/99  
Dilution : 1:1  
Matrix : Soil

QC Batch : DS990402  
Run Log : 7435C

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0





# Acculabs Inc.

Davis

1046 Olive Drive, Davis CA 95616 ■ 530-757-0920 ■ Fax 753-6091

Sample Log 19887

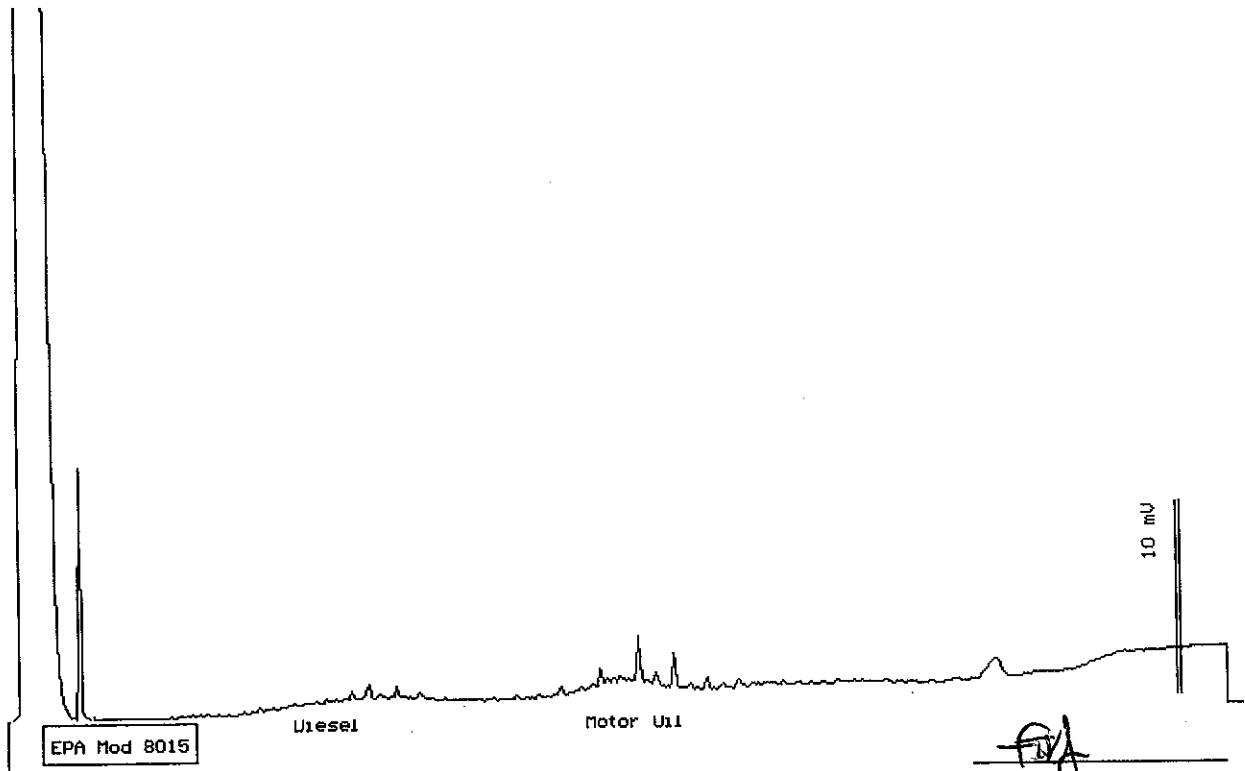
19887-04

Sample: G9248 (4)


From : Terrasearch  
Sampled : 04/14/99  
Extracted: 04/14/99  
Dilution : 1:1  
Matrix : Soil

QC Batch : DS990402  
Run Log : 7435C

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	1.3



Date: 04-15-99 Time: 13:57:05  
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

  
Stewart Rodolsky  
Senior Chemist



# Acculabs Inc.

Davis

1046 Olive Drive, Davis CA 95616 ■ 530-757-0920 ■ Fax 753-6091

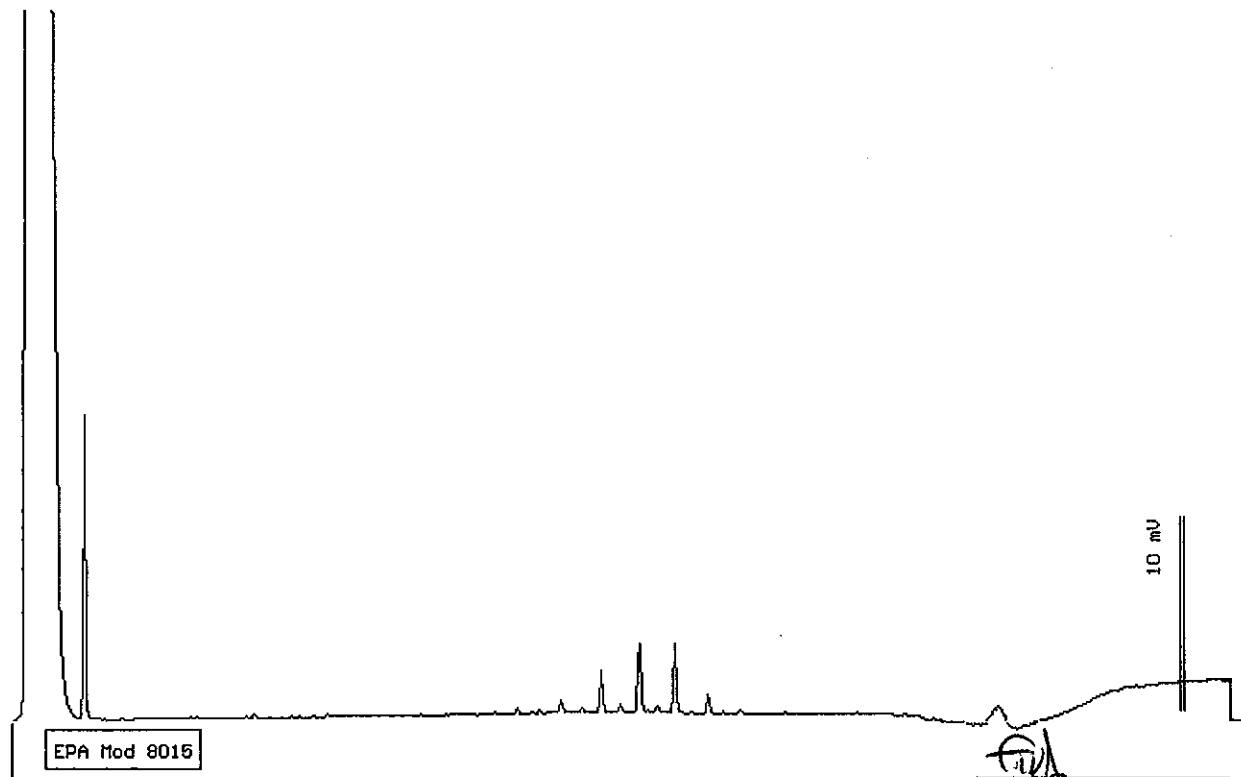
Sample Log 19887  
19887-05

Sample: G9249 (5)

From : Terrasearch  
Sampled : 04/14/99  
Extracted: 04/14/99  
Dilution : 1:1  
Matrix : Soil

QC Batch : DS990402  
Run Log : 7435C

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0



EPA Mod 8015

Date: 04-15-99 Time: 14:32:02  
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

  
Stewart Podolsky  
Senior Chemist

Acculabs Inc.

April 19, 1999

QC Report  
TPH Diesel by 8015 Mod

QC Batch: DS990402

Matrix: Soil

**Spike and Spike Duplicate Results**

Parameter	Matrix Spike (%Rec)	Matrix Spike Dup. (%Rec)	RPD %
TPH as Diesel	101	106	5

**Laboratory Control Spike**

Parameter	Laboratory Control Spike (%Rec)
TPH as Diesel	106

**Method Blank**

Parameter	MDL(mg/Kg)	Measured Value(mg/Kg)
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10.0)	<10.0

  
\_\_\_\_\_  
Tom Kwoka  
Lab Director

Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C													
Lab No.:	Method Blank		34938-001										
Client Sample I.D.:	-		G9245(1)										
Date Sampled:	--		04/14/99										
QC Batch #:	S998270W087		S998270W087										
Date Extracted:	04/15/99		04/15/99										
Date Analyzed:	04/15/99		04/15/99										
Analyst Initials:	ZL		ZL										
Dilution Factor:	1		5 (*)										
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND	1700	ND								
bis(2-Chloroethyl)ether	330	330	ND	1700	ND								
2-Chlorophenol	330	330	ND	1700	ND								
1,3-Dichlorobenzene	330	330	ND	1700	ND								
1,4-Dichlorobenzene	330	330	ND	1700	ND								
Benzyl Alcohol	660	660	ND	3300	ND								
1,2-Dichlorobenzene	330	330	ND	1700	ND								
2-Methylphenol	330	330	ND	1700	ND								
bis(2-chloroisopropyl)ether	330	330	ND	1700	ND								
n-Nitroso-di-n-propylamine	330	330	ND	1700	ND								
4-Methylphenol	330	330	ND	1700	ND								
Hexachloroethane	330	330	ND	1700	ND								
Nitrobenzene	330	330	ND	1700	ND								
Isophorone	330	330	ND	1700	ND								
2-Nitrophenol	330	330	ND	1700	ND								
2,4-Dimethylphenol	330	330	ND	1700	ND								
bis(2-Chloroethoxy)methane	330	330	ND	1700	ND								
2,4-Dichlorophenol	1700	1700	ND	8500	ND								
Benzoic Acid	1700	1700	ND	8500	ND								
1,2,4-Trichlorobenzene	330	330	ND	1700	ND								
Naphthalene	330	330	ND	1700	ND								
4-Chloroaniline	660	660	ND	3300	ND								
Hexachlorobutadiene	330	330	ND	1700	ND								
4-Chloro-3-methylphenol	660	660	ND	3300	ND								
2-Methylnaphthalene	330	330	ND	1700	ND								
Hexachlorocyclopentadiene	660	660	ND	3300	ND								
2,4,6-Trichlorophenol	330	330	ND	1700	ND								
2,4,5-Trichlorophenol	330	330	ND	1700	ND								
2-Chloronaphthalene	330	330	ND	1700	ND								
2-Nitroaniline	1700	1700	ND	8500	ND								
Dimethylphthalate	330	330	ND	1700	ND								
Acenaphthylene	330	330	ND	1700	ND								
2,6-Dinitrotoluene	330	330	ND	1700	ND								
3-Nitroaniline	1700	1700	ND	8500	ND								

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

(\*) - Sample required a 1:5 dilution.  
 The cover letter is an integral part of this analytical report.





Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

Lab No.:	Method Blank		34938-001												
Client Sample I.D.:	—		G9245(1)												
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND	1700	ND										
2,4-Dinitrophenol	1700	1700	ND	8500	ND										
Dibenzofuran	330	330	ND	1700	ND										
4-Nitrophenol	1700	1700	ND	8500	ND										
2,4-Dinitrotoluene	330	330	ND	1700	ND										
Fluorene	330	330	ND	1700	ND										
Diethylphthalate	330	330	ND	1700	ND										
4-Chlorophenyl-phenyl ether	330	330	ND	1700	ND										
4-Nitroaniline	1700	1700	ND	8500	ND										
4,6-Dinitro-2-methylphenol	1700	1700	ND	8500	ND										
n-Nitrosodiphenylamine	330	330	ND	1700	ND										
4-Bromophenyl-phenyl ether	330	330	ND	1700	ND										
Hexachlorobenzene	330	330	ND	1700	ND										
Pentachlorophenol	1700	1700	ND	8500	ND										
Phenanthrene	330	330	ND	1700	ND										
Anthracene	330	330	ND	1700	ND										
Di-n-butylphthalate	330	330	ND	1700	ND										
Fluoranthene	330	330	ND	1700	ND										
Pyrene	330	330	ND	1700	ND										
Butylbenzylphthalate	330	330	ND	1700	ND										
Benzo[a]anthracene	330	330	ND	1700	ND										
3,3'-Dichlorobenzidine	660	660	ND	3300	ND										
Chrysene	330	330	ND	1700	ND										
bis(2-Ethylhexyl)phthalate	330	330	ND	1700	ND										
Di-n-octylphthalate	330	330	ND	1700	ND										
Benzo[b]fluoranthene	330	330	ND	1700	ND										
Benzo[k]fluoranthene	330	330	ND	1700	ND										
Benzo[a]pyrene	330	330	ND	1700	ND										
Indeno[1,2,3-cd]pyrene	330	330	ND	1700	ND										
Dibenz[a,h]anthracene	330	330	ND	1700	ND										
Benzo[g,h,i]perylene	330	330	ND	1700	ND										

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

(\*) - Sample required a 1:5 dilution

Approved/Reviewed By: Lee Ingvaldson  
 Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Lab No.:	34938-002												
Client Sample I.D.:	G9246(2)												
Date Sampled:	04/14/99												
QC Batch #:	S998270W087												
Date Extracted:	04/15/99												
Date Analyzed:	04/15/99												
Analyst Initials:	ZL												
Dilution Factor:	1												
Phenol	330	330	ND										
bis (2-Chloroethyl)ether	330	330	ND										
2-Chlorophenol	330	330	ND										
1,3-Dichlorobenzene	330	330	ND										
1,4-Dichlorobenzene	330	330	ND										
Benzyl Alcohol	660	660	ND										
1,2-Dichlorobenzene	330	330	ND										
2-Methylphenol	330	330	ND										
bis(2-chloroisopropyl)ether	330	330	ND										
n-Nitroso-di-n-propylamine	330	330	ND										
4-Methylphenol	330	330	ND										
Hexachloroethane	330	330	ND										
Nitrobenzene	330	330	ND										
Isophorone	330	330	ND										
2-Nitrophenol	330	330	ND										
2,4-Dimethylphenol	330	330	ND										
bis(2-Chloroethoxy)methane	330	330	ND										
2,4-Dichlorophenol	1700	1700	ND										
Benzoic Acid	1700	1700	ND										
1,2,4-Trichlorobenzene	330	330	ND										
Naphthalene	330	330	ND										
4-Chloroaniline	660	660	ND										
Hexachlorobutadiene	330	330	ND										
4-Chloro-3-methylphenol	660	660	ND										
2-Methylnaphthalene	330	330	ND										
Hexachlorocyclopentadiene	660	660	ND										
2,4,6-Trichlorophenol	330	330	ND										
2,4,5-Trichlorophenol	330	330	ND										
2-Chloronaphthalene	330	330	ND										
2-Nitroaniline	1700	1700	ND										
Dimethylphthalate	330	330	ND										
Acenaphthylene	330	330	ND										
2,6-Dinitrotoluene	330	330	ND										
3-Nitroaniline	1700	1700	ND										

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND										
2,4-Dinitrophenol	1700	1700	ND										
Dibenzofuran	330	330	ND										
4-Nitrophenol	1700	1700	ND										
2,4-Dinitrotoluene	330	330	ND										
Fluorene	330	330	ND										
Diethylphthalate	330	330	ND										
4-Chlorophenyl-phenyl ether	330	330	ND										
4-Nitroaniline	1700	1700	ND										
4,6-Dinitro-2-methylphenol	1700	1700	ND										
n-Nitrosodiphenylamine	330	330	ND										
4-Bromophenyl-phenyl ether	330	330	ND										
Hexachlorobenzene	330	330	ND										
Pentachlorophenol	1700	1700	ND										
Phenanthrene	330	330	ND										
Anthracene	330	330	ND										
Di-n-butylphthalate	330	330	ND										
Fluoranthene	330	330	ND										
Pyrene	330	330	ND										
Butylbenzylphthalate	330	330	ND										
Benzo[a]anthracene	330	330	ND										
3,3'-Dichlorobenzidine	660	660	ND										
Chrysene	330	330	ND										
bis(2-Ethylhexyl)phthalate	330	330	ND										
Di-n-octylphthalate	330	330	ND										
Benzo[b]fluoranthene	330	330	ND										
Benzo[k]fluoranthene	330	330	ND										
Benzo[a]pyrene	330	330	ND										
Indeno[1,2,3-cd]pyrene	330	330	ND										
Dibenz[a,h]anthracene	330	330	ND										
Benzo[g,h,i]perylene	330	330	ND										

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

Approved/Reviewed By: *L. Ingvaldson*  
 Lee Ingvaldson  
 Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Lab No.:	34938-003												
Client Sample I.D.:	G9247(3)												
Date Sampled:	04/14/99												
QC Batch #:	S998270W087												
Date Extracted:	04/15/99												
Date Analyzed:	04/15/99												
Analyst Initials:	ZL												
Dilution Factor:	1												
Phenol	330	330	ND										
bis(2-Chloroethyl)ether	330	330	ND										
2-Chlorophenol	330	330	ND										
1,3-Dichlorobenzene	330	330	ND										
1,4-Dichlorobenzene	330	330	ND										
Benzyl Alcohol	660	660	ND										
1,2-Dichlorobenzene	330	330	ND										
2-Methylphenol	330	330	ND										
bis(2-chloroisopropyl)ether	330	330	ND										
n-Nitroso-di-n-propylamine	330	330	ND										
4-Methylphenol	330	330	ND										
Hexachloroethane	330	330	ND										
Nitrobenzene	330	330	ND										
Isophorone	330	330	ND										
2-Nitrophenol	330	330	ND										
2,4-Dimethylphenol	330	330	ND										
bis(2-Chloroethoxy)methane	330	330	ND										
2,4-Dichlorophenol	1700	1700	ND										
Benzoic Acid	1700	1700	ND										
1,2,4-Trichlorobenzene	330	330	ND										
Naphthalene	330	330	ND										
4-Chloroaniline	660	660	ND										
Hexachlorobutadiene	330	330	ND										
4-Chloro-3-methylphenol	660	660	ND										
2-Methylnaphthalene	330	330	ND										
Hexachlorocyclopentadiene	660	660	ND										
2,4,6-Trichlorophenol	330	330	ND										
2,4,5-Trichlorophenol	330	330	ND										
2-Chloronaphthalene	330	330	ND										
2-Nitroaniline	1700	1700	ND										
Dimethylphthalate	330	330	ND										
Acenaphthylene	330	330	ND										
2,6-Dinitrotoluene	330	330	ND										
3-Nitroaniline	1700	1700	ND										

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Lab No.:	34938-003										
Client Sample I.D.:	G9247(3)										
Acenaphthene	330	330	ND								
2,4-Dinitrophenol	1700	1700	ND								
Dibenzofuran	330	330	ND								
4-Nitrophenol	1700	1700	ND								
2,4-Dinitrotoluene	330	330	ND								
Fluorene	330	330	ND								
Diethylphthalate	330	330	ND								
4-Chlorophenyl-phenyl ether	330	330	ND								
4-Nitroaniline	1700	1700	ND								
4,6-Dinitro-2-methylphenol	1700	1700	ND								
n-Nitrosodiphenylamine	330	330	ND								
4-Bromophenyl-phenyl ether	330	330	ND								
Hexachlorobenzene	330	330	ND								
Pentachlorophenol	1700	1700	ND								
Phenanthrene	330	330	ND								
Anthracene	330	330	ND								
Di-n-butylphthalate	330	330	ND								
Fluoranthene	330	330	ND								
Pyrene	330	330	ND								
Butylbenzylphthalate	330	330	ND								
Benzo[a]anthracene	330	330	ND								
3,3'-Dichlorobenzidine	660	660	ND								
Chrysene	330	330	ND								
bis(2-Ethylhexyl)phthalate	330	330	ND								
Di-n-octylphthalate	330	330	ND								
Benzo[b]fluoranthene	330	330	ND								
Benzo[k]fluoranthene	330	330	ND								
Benzo[a]pyrene	330	330	ND								
Indeno[1,2,3-cd]pyrene	330	330	ND								
Dibenz[a,h]anthracene	330	330	ND								
Benzo[g,h,i]perylene	330	330	ND								

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

Approved/Reviewed By: Lee Ingvaldson  
 Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Lab No.:	34938-004												
Client Sample I.D.:	G9248(4)												
Date Sampled:	04/14/99												
QC Batch #:	S998270W087												
Date Extracted:	04/15/99												
Date Analyzed:	04/15/99												
Analyst Initials:	ZL												
Dilution Factor:	1												
Phenol	330	330	ND										
bis (2-Chloroethyl)ether	330	330	ND										
2-Chlorophenol	330	330	ND										
1,3-Dichlorobenzene	330	330	ND										
1,4-Dichlorobenzene	330	330	ND										
Benzyl Alcohol	660	660	ND										
1,2-Dichlorobenzene	330	330	ND										
2-Methylphenol	330	330	ND										
bis(2-chloroisopropyl)ether	330	330	ND										
n-Nitroso-di-n-propylamine	330	330	ND										
4-Methylphenol	330	330	ND										
Hexachloroethane	330	330	ND										
Nitrobenzene	330	330	ND										
Isophorone	330	330	ND										
2-Nitrophenol	330	330	ND										
2,4-Dimethylphenol	330	330	ND										
bis(2-Chloroethoxy)methane	330	330	ND										
2,4-Dichlorophenol	1700	1700	ND										
Benzoic Acid	1700	1700	ND										
1,2,4-Trichlorobenzene	330	330	ND										
Naphthalene	330	330	ND										
4-Chloroaniline	660	660	ND										
Hexachlorobutadiene	330	330	ND										
4-Chloro-3-methylphenol	660	660	ND										
2-Methylnaphthalene	330	330	ND										
Hexachlorocyclopentadiene	660	660	ND										
2,4,6-Trichlorophenol	330	330	ND										
2,4,5-Trichlorophenol	330	330	ND										
2-Chloronaphthalene	330	330	ND										
2-Nitroaniline	1700	1700	ND										
Dimethylphthalate	330	330	ND										
Acenaphthylene	330	330	ND										
2,6-Dinitrotoluene	330	330	ND										
3-Nitroaniline	1700	1700	ND										

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

Lab No.:	34938-004												
Client Sample I.D.:	G9248(4)												
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	330	330	ND										
2,4-Dinitrophenol	1700	1700	ND										
Dibenzofuran	330	330	ND										
4-Nitrophenol	1700	1700	ND										
2,4-Dinitrotoluene	330	330	ND										
Fluorene	330	330	ND										
Diethylphthalate	330	330	ND										
4-Chlorophenyl-phenyl ether	330	330	ND										
4-Nitroaniline	1700	1700	ND										
4,6-Dinitro-2-methylphenol	1700	1700	ND										
n-Nitrosodiphenylamine	330	330	ND										
4-Bromophenyl-phenyl ether	330	330	ND										
Hexachlorobenzene	330	330	ND										
Pentachlorophenol	1700	1700	ND										
Phenanthrene	330	330	ND										
Anthracene	330	330	ND										
Di-n-butylphthalate	330	330	ND										
Fluoranthene	330	330	ND										
Pyrene	330	330	ND										
Butylbenzylphthalate	330	330	ND										
Benzo[a]anthracene	330	330	ND										
3,3'-Dichlorobenzidine	660	660	ND										
Chrysene	330	330	ND										
bis(2-Ethylhexyl)phthalate	330	330	ND										
Di-n-octylphthalate	330	330	ND										
Benzo[b]fluoranthene	330	330	ND										
Benzo[k]fluoranthene	330	330	ND										
Benzo[a]pyrene	330	330	ND										
Indeno[1,2,3-cd]pyrene	330	330	ND										
Dibenz[a,h]anthracene	330	330	ND										
Benzo[g,h,i]perylene	330	330	ND										

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

Approved/Reviewed By: Lee Ingvaldson  
 Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C													
Lab No.:	34938-005												
Client Sample I.D.:	G9249(5)												
Date Sampled:	04/14/99												
QC Batch #:	S998270W087												
Date Extracted:	04/15/99												
Date Analyzed:	04/15/99												
Analyst Initials:	ZL												
Dilution Factor:	1												
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Phenol	330	330	ND										
bis(2-Chloroethyl)ether	330	330	ND										
2-Chlorophenol	330	330	ND										
1,3-Dichlorobenzene	330	330	ND										
1,4-Dichlorobenzene	330	330	ND										
Benzyl Alcohol	660	660	ND										
1,2-Dichlorobenzene	330	330	ND										
2-Methylphenol	330	330	ND										
bis(2-chloroisopropyl)ether	330	330	ND										
n-Nitroso-di-n-propylamine	330	330	ND										
4-Methylphenol	330	330	ND										
Hexachloroethane	330	330	ND										
Nitrobenzene	330	330	ND										
Isophorone	330	330	ND										
2-Nitrophenol	330	330	ND										
2,4-Dimethylphenol	330	330	ND										
bis(2-Chloroethoxy)methane	330	330	ND										
2,4-Dichlorophenol	1700	1700	ND										
Benzoic Acid	1700	1700	ND										
1,2,4-Trichlorobenzene	330	330	ND										
Naphthalene	330	330	ND										
4-Chloroaniline	660	660	ND										
Hexachlorobutadiene	330	330	ND										
4-Chloro-3-methylphenol	660	660	ND										
2-Methylnaphthalene	330	330	ND										
Hexachlorocyclopentadiene	660	660	ND										
2,4,6-Trichlorophenol	330	330	ND										
2,4,5-Trichlorophenol	330	330	ND										
2-Chloronaphthalene	330	330	ND										
2-Nitroaniline	1700	1700	ND										
Dimethylphthalate	330	330	ND										
Acenaphthylene	330	330	ND										
2,6-Dinitrotoluene	330	330	ND										
3-Nitroaniline	1700	1700	ND										

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

The cover letter is an integral part of this analytical report.





Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Water  
 Units: µg/l  
 Extraction Method: 3510C

EPA Method 8270C	
Lab No.:	34938-006
Client Sample I.D.:	G9250(W-1)
Date Sampled:	04/14/99
QC Batch #:	S998270W087
Date Extracted:	04/15/99
Date Analyzed:	04/15/99
Analyst Initials:	ZL
Dilution Factor:	5

ANALYTE	MDL	DLR	Results	D.L.R. Results	D.L.R. Results	D.L.R. Results	D.L.R. Results	D.L.R. Results
Phenol	10	50	ND					
bis (2-Chloroethyl)ether	10	50	ND					
2-Chlorophenol	10	50	ND					
1,3-Dichlorobenzene	10	50	ND					
1,4-Dichlorobenzene	10	50	ND					
Benzyl Alcohol	10	50	ND					
1,2-Dichlorobenzene	10	50	ND					
2-Methylphenol	10	50	ND					
bis(2-chloroisopropyl)ether	10	50	ND					
n-Nitroso-di-n-propylamine	10	50	ND					
4-Methylphenol	10	50	ND					
Hexachloroethane	10	50	ND					
Nitrobenzene	10	50	ND					
Isophorone	10	50	ND					
2-Nitrophenol	10	50	ND					
2,4-Dimethylphenol	10	50	ND					
bis(2-Chloroethoxy)methane	10	50	ND					
2,4-Dichlorophenol	10	50	ND					
Benzoic Acid	50	250	ND					
1,2,4-Trichlorobenzene	10	50	ND					
Naphthalene	10	50	ND					
4-Chloroaniline	10	50	ND					
Hexachlorobutadiene	10	50	ND					
4-Chloro-3-methylphenol	10	50	ND					
2-Methylnaphthalene	10	50	ND					
Hexachlorocyclopentadiene	10	50	ND					
2,4,6-Trichlorophenol	10	50	ND					
2,4,5-Trichlorophenol	10	50	ND					
2-Chloronaphthalene	10	50	ND					
2-Nitroaniline	10	50	ND					
Dimethylphthalate	10	50	ND					
Acenaphthylene	10	50	ND					
2,6-Dinitrotoluene	10	50	ND					
3-Nitroaniline	10	50	ND					

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed  
 (\*) - Sample required a 1:5 dilution.

The cover letter is an integral part of this analytical report.



Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Water  
 Units: µg/l  
 Extraction Method: 3510C

EPA Method 8270c

Lab No.:	34938-006								
Client Sample I.D.:	G9250(W-1)								
ANALYTE	MDL	DLR	Results	DLR	Results	DLR	Results	DLR	Results
Acenaphthene	10	50	ND						
2,4-Dinitrophenol	20	100	ND						
Dibenzofuran	10	50	ND						
4-Nitrophenol	20	100	ND						
2,4-Dinitrotoluene	10	50	ND						
Fluorene	10	50	ND						
Diethylphthalate	10	50	ND						
4-Chlorophenyl-phenyl ether	10	50	ND						
4-Nitroaniline	10	50	ND						
4,6-Dinitro-2-methylphenol	20	100	ND						
n-Nitrosodiphenylamine	10	50	ND						
4-Bromophenyl-phenyl ether	10	50	ND						
Hexachlorobenzene	10	50	ND						
Pentachlorophenol	20	100	ND						
Phenanthrene	10	50	ND						
Anthracene	10	50	ND						
Di-n-butylphthalate	10	50	ND						
Fluoranthene	10	50	ND						
Pyrene	10	50	ND						
Butylbenzylphthalate	10	50	ND						
Benzo[a]anthracene	10	50	ND						
3,3'-Dichlorobenzidine	20	100	ND						
Chrysene	10	50	ND						
bis(2-Ethylhexyl)phthalate	10	50	ND						
Di-n-octylphthalate	10	50	ND						
Benzo[b]fluoranthene	10	50	ND						
Benzo[k]fluoranthene	10	50	ND						
Benzo[a]pyrene	10	50	ND						
Indeno[1,2,3-cd]pyrene	10	50	ND						
Dibenz[a,h]anthracene	10	50	ND						
Benzo[g,h,i]perylene	10	50	ND						

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

(\* - Sample required a 1:5 dilution)

Approved/Reviewed By: Lee Ingvaldson  
 Department Supervisor

Date: \_\_\_\_\_

The cover letter is an integral part of this analytical report.



Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\I990413.M (RTE Integrator)  
 Title : M8015GAS(Calibrated on 3/15/99)/ 8020(BTEX)  
 Last Update : Tue Apr 13 15:08:15 1999  
 Response via : Initial Calibration

Non-Spiked Sample: 34789-61.D

Spike Sample ----- File ID : IMS0415A.D Sample : i9980g20S115 Acq Time: 15 Apr 1999 8:45 pm	Spike Duplicate Sample ----- IMD0415A.D i9980g20S115 15 Apr 1999 9:09 pm
---	--

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline (mg/kg)	0.0	3	3	3	113	110	3	21	41-151
Benzene #2 (ug/kg)	0.0	12	15	15	123	122	1	15	42-132
Toluene #2 (ug/kg)	0.2	156	195	190	125	122	3	15	42-132

QC BATCH #: I998G20S114

Reviewed and Approved by:

*Lee Ingvaldson*  
 \_\_\_\_\_  
 Lee Ingvaldson,  
 Organics Supervisor

Date 4/21/99



Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\I990413.M (RTE Integrator)  
 Title : M8015GAS(Calibrated on 3/15/99)/ 8020(BTEX)  
 Last Update : Tue Apr 13 15:08:15 1999  
 Response via : Initial Calibration

Non-Spiked Sample: 34789-61.D

Spike Sample	Spike Duplicate Sample
File ID : IMS0415A.D	IMD0415A.D
Sample : i9980g20S115	i9980g20S115
Acq Time: 15 Apr 1999 8:45 pm	15 Apr 1999 9:09 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline (mg/kg)	0.0	3	3	3	113	110	3	21	41-151
Benzene #2 (ug/kg)	0.0	12	15	15	123	122	1	15	42-132
Toluene #2 (ug/kg)	0.2	156	195	190	125	122	3	15	42-132

QC BATCH #: I998G20S114

Reviewed and Approved by: Lee Ingvaldson Date 4/27/99  
 Lee Ingvaldson,  
 Organics Supervisor



Spike Recovery and RPD Summary Report - Oil (mg/Kg)

Method : D:\HPCHEM\1\METHODS\8270A.M (RTE Integrator)  
 Title : EPA 8270C Advanced Technology Laboratory  
 Last Update : Mon Apr 05 16:33:19 1999  
 Response via : Initial Calibration

Non-Spiked Sample: SB0415B.D

Spike Sample	Spike Duplicate Sample
File ID : SMS0415A.D	SMD0415A.D
Sample : MS BLANK e:04/15/99 S086 OIL	MS BLANK e:04/15/99 S086 OIL
Acq Time: 15 Apr 1999 7:37 pm	15 Apr 1999 8:13 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC RPD	Limits % Rec
Phenol	0.0	200	43	43	22	21	2	21	12- 78
2-Chlorophenol	0.0	200	109	108	54	54	1	24	30- 91
1,4-Dichlorobenzene	0.0	100	57	57	57	57	0	18	36- 87
N-Nitroso-di-n-propy	0.0	100	71	70	70	70	1	21	31-114
1,2,4-Trichlorobenze	0.0	100	65	64	65	64	2	18	38-100
4-Chloro-3-methylphe	0.0	200	139	136	69	68	2	16	35-102
Acenaphthene	0.0	100	68	67	68	67	2	17	46- 94
4-Nitrophenol	0.0	200	25	26	12	13	5	58	10- 91
2,4-Dinitrotoluene	0.0	100	64	62	64	62	4	20	42-115
Pentachlorophenol	0.0	200	183	171	92	86	7	51	8-125
Pyrene	0.0	100	78	76	77	76	2	16	36-114

QC Batch # S998270S086

Reviewed/Approved By: \_\_\_\_\_

*Lee Ingvaldson*  
 Lee Ingvaldson  
 Department Supervisor

Date: \_\_\_\_\_

*4/27/99*



# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

## Subcontract Chain of Custody

*SAME DAY RUSH*

Subcontract Lab:		Date Sent:	Project Name:		Due Date:	
ATL		04/14/99	Terresearch		04/15/99	
Sample ID and Source	Matrix	Required Analysis	Date Taken	Time Taken	Containers	Pres?
G9245 (1)	Soil	Gas, BTX, 8270	4/14/99		4 oz jar	
G9246 (2)	↓	↓	↓		↓	
G9247 (3)	↓	↓	↓		↓	
G9248 (4)	↓	↓	↓		↓	
G9249 (5)	✓	✓	✓		✓	
G9250 (W-1)	W	8270	4/14/99		1X1 LTR Amb	

Relinquished By: <i>ng/wazo</i>	Received By: <i>Overnight</i>	Date: <i>04/14/99</i>	Time: <i>6pm</i>
Relinquished By:	Received By: <i>Diane Galvan</i>	Date: <i>4-15-99</i>	Time: <i>0830</i>
Relinquished By:	Received By:	Date:	Time:

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

## Subcontract Chain of Custody

19887

RUBA

Subcontract Lab:		Date Sent:	Project Name:		Due Date:	
Acculabs - Daniv		04/14/99	Terrence		04/15/99	
Sample ID and Source	Matrix	Required Analysis	Date Taken	Time Taken	Containers	Fres?
01 G9245 (1)	soil	COB, BTEX, 8270	4/14/99		40g jar	0
02 G9246 (2)	↓	↓	↓			
03 G9247 (3)	↓	↓	↓			
04 G9248 (4)	↓	↓	↓			
05 G9249 (5)	↓	↓	↓			
Please cancel all test on Original sub-COC. Please run Diesel instead.						
(V) 04/14/99						

Relinquished By:	Received By:	Date:	Time:
ngtrdep via W.C.	SAS Mike World Courier	4-14-9	1530
Relinquished By:	Received By:	Date:	Time:
SAS Mike World Courier			
Relinquished By:	Received By:	Date:	Time:

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Client: Entech Analytical Labs, Inc.  
 Attn: Michelle Anderson

Client's Project: Terrasearch  
 Date Received: 04/15/99  
 Matrix: Soil  
 Units: µg/kg  
 Extraction Method: 3550B

EPA Method 8270C

ANALYTE	MDL	DLR	Results	DLR Results	DLR Results	DLR Results	DLR Results	DLR Results	DLR Results
Acenaphthene	330	330	ND						
2,4-Dinitrophenol	1700	1700	ND						
Dibenzofuran	330	330	ND						
4-Nitrophenol	1700	1700	ND						
2,4-Dinitrotoluene	330	330	ND						
Fluorene	330	330	ND						
Diethylphthalate	330	330	ND						
4-Chlorophenyl-phenyl ether	330	330	ND						
4-Nitroaniline	1700	1700	ND						
4,6-Dinitro-2-methylphenol	1700	1700	ND						
n-Nitrosodiphenylamine	330	330	ND						
4-Bromophenyl-phenyl ether	330	330	ND						
Hexachlorobenzene	330	330	ND						
Pentachlorophenol	1700	1700	ND						
Phenanthrene	330	330	ND						
Anthracene	330	330	ND						
Di-n-butylphthalate	330	330	ND						
Fluoranthene	330	330	ND						
Pyrene	330	330	ND						
Butylbenzylphthalate	330	330	ND						
Benzo[a]anthracene	330	330	ND						
3,3'-Dichlorobenzidine	660	660	ND						
Chrysene	330	330	ND						
bis(2-Ethylhexyl)phthalate	330	330	ND						
Di-n-octylphthalate	330	330	ND						
Benzo[b]fluoranthene	330	330	ND						
Benzo[k]fluoranthene	330	330	ND						
Benzo[a]pyrene	330	330	ND						
Indeno[1,2,3-cd]pyrene	330	330	ND						
Dibenz[a,h]anthracene	330	330	ND						
Benzo[g,h,i]perylene	330	330	ND						

MDL = Method Detection Limit  
 ND = Not Detected (Below DLR)  
 DLR = MDL x Dilution Factor  
 NA = Not Analyzed

Approved/Reviewed By: Lee Ingvaldson  
 Lee Ingvaldson  
 Department Supervisor

Date: 4/15/99

The cover letter is an integral part of this analytical report.





# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

## Subcontract Chain of Custody

RUBA

Subcontract Lab:		Date Sent:	Project Name:		Due Date:	
Acculabs - Daniv		04/14/99	Terminarch		04/15/99	
Sample ID and Source	Matrix	Required Analysis	Date Taken	Time Taken	Containers	Pres?
G9245 (1)	soil	Gas, BTEX, 8270	4/14/99		4 bags jar	
G9246 (2)	↓	↓	↓			
G9247 (3)	↓	↓	↓			
G9248 (4)	↓	↓	↓			
G9249 (5)	↓	↓	↓			

Relinquished By:	Received By:	Date:	Time:
ngtrax via	W.C. SRS Mike World Courier	4-14-99	1530
Relinquished By:	Received By:	Date:	Time:
SRS Mike World Courier	Joseph J. Lujan	4-14-99	1900
Relinquished By:	Received By:	Date:	Time:

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## QUALITY CONTROL RESULTS SUMMARY

METHOD: ICP

Laboratory Control Spikes

QC Batch #: WM990419

Date Analyzed: 04/15/99

Matrix: Water

Units: mg/L

Quality Control Sample: Blank Spike

PARAMETER	Method #	MB mg/L	SA mg/L	SR mg/L	SP mg/L	SP %R	SPD mg/L	SPD % R	RPD	QC LIMITS	
										%R	RPD
Antimony	200.7	<0.005	na	na	na	na	na	na	na	75- 125	25.0
Arsenic	200.7	<0.005	0.50	ND	0.49	98	0.51	101	3.2	75- 125	25.0
Barium	200.7	<0.005	na	na	na	na	na	na	na	75- 125	25.0
Beryllium	200.7	<0.005	na	na	na	na	na	na	na	75- 125	25.0
Cadmium	200.7	<0.005	0.50	ND	0.52	103	0.51	102	0.6	75- 125	25.0
Chromium	200.7	<0.005	0.50	ND	0.50	100	0.50	100	0.2	75- 125	25.0
Cobalt	200.7	<0.005	na	na	na	na	na	na	na	75- 125	25.0
Copper	200.7	<0.050	0.50	ND	0.49	99	0.49	98	0.2	75- 125	25.0
Lead	200.7	<0.005	0.50	ND	0.50	100	0.51	102	1.8	75- 125	25.0
Molybdenum	200.7	<0.005	na	na	na	na	na	na	na	75- 125	25.0
Nickel	200.7	<0.005	0.50	ND	0.52	104	0.5159	103	na	75- 125	25.0
Selenium	200.7	<0.005	0.50	ND	0.50	100	0.48	97	3.1	75- 125	25.0
Silver	200.7	<0.005	0.50	ND	0.56	111	0.55	111	0.5	75- 125	25.0
Thallium	200.7	<0.005	na	na	na	na	na	na	na	75- 125	25.0
Vanadium	200.7	<0.005	na	na	na	na	na	na	na	75- 125	25.0
Zinc	200.7	<0.005	0.50	ND	0.52	104	0.52	104	0.2	75- 125	25.0

## Definition of Terms:

MB: Method Blank

na: Not analyzed in QC batch

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (%R) Spike % Recovery

SPD Spike Duplicate Result

SPD (%R) Spike % Recovery

## QUALITY CONTROL RESULTS SUMMARY

## Volatile Organic Compounds

QC Batch #: SGCMS990414

Matrix: Soil

Units: µg/Kg

Date analyzed: 04/14/99

Spiked Sample: Blank Spike

PARAMETER	Method #	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
		µg/Kg	µg/Kg	µg/Kg	%R	µg/Kg	%R		RPD	%R
1,1-Dichloroethene	8240/8260	25	ND	26	105	27	107	1.5	25	50-150
Methyl-tert-butyl ether	8240/8260	25	ND	25	100	26	103	3.2	25	50-150
Benzene	8240/8260	25	ND	26	103	27	107	3.8	25	50-150
Trichloroethene	8240/8260	25	ND	26	102	26	104	1.9	25	50-150
Toluene	8240/8260	25	ND	25	100	26	104	3.5	25	50-150
Chlorobenzene	8240/8260	25	ND	26	105	27	108	3.4	25	50-150

Note: LCS and LCSD results reported for the following Parameter:

All

## Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike Duplicate % Recovery
- NC: Not Calculated

**QUALITY CONTROL RESULTS SUMMARY**

METHOD: TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Control Samples

QC Batch ID: WTRPHIR990401

Matrix: Water

Units: mg/L

Date Analyzed: 04/07/99

Spiked Sample: Blank Spike

PARAMETER	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
	mg/L	mg/L	mg/L	PR	mg/L	PR		RPD	PR
TRPH	20	0	20	100	22	110	9.5	25	70-130

**Definition of Terms:**

RPD: Relative Percent Difference (Duplicate Analyses)

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (PR): Spike % Recovery

SPD: Spike Duplicate Result

SPD (PR): Spike Duplicate % Recovery

**QUALITY CONTROL RESULTS SUMMARY**

METHOD: ICP

QC Batch #: SM990409  
Matrix: Solid  
Units: mg/kg

Date Analyzed: 04/15/99  
Extraction Method: EPA 3050  
Spiked Sample: Blank Spike

PARAMETER	Method #	MB mg/kg	SA mg/kg	SR mg/kg	SP mg/kg	SP %R	SPD mg/Kg	SPD %R	RPD	QC LIMITS	
										RPD	%R
Antimony	6010	<1.0	50.	na	na	na	na	na	na	25.0	70-100
Arsenic	6010	<1.0	50.	0.0	41.	81	43.	85	5.3	25.0	64-106
Barium	6010	<1.0	50.	na	na	na	na	na	na	25.0	75-113
Beryllium	6010	<1.0	50.	na	na	na	na	na	na	25.0	70-111
Cadmium	6010	<1.0	50.	0.0	42.	84	44.	87	3.9	25.0	69-100
Chromium	6010	<1.0	50.	0.0	45.	91	47.	93	2.7	25.0	67-112
Cobalt	6010	<1.0	50.	na	na	na	na	na	na	25.0	66-110
Copper	6010	<1.0	50.	na	na	na	na	na	na	25.0	73-110
Lead	6010	<1.0	50.	0.0	42.	85	43.	87	2.2	25.0	63-115
Molybdenum	6010	<1.0	50.	na	na	na	na	na	na	25.0	69-112
Nickel	6010	<1.0	50.	0.0	43.	85	44.	88	3.0	25.0	73-113
Selenium	6010	<1.0	50.	na	na	na	na	na	na	25.0	65-104
Silver	6010	<1.0	50.	na	na	na	na	na	na	25.0	71-113
Thallium	6010	<1.0	50.	na	na	na	na	na	na	25.0	69-106
Vanadium	6010	<1.0	50.	na	na	na	na	na	na	25.0	67-115
Zinc	6010	<1.0	50.	0.0	43.	85	44.	89	3.9	25.0	68-105

Note: LCS and LCSD results reported for the following Parameters:  
All

Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike Duplicate % Recovery

**QUALITY CONTROL RESULTS SUMMARY**

METHOD: TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

QC Batch : STRPHIR990403

Matrix: Soil

Units: mg/Kg

Date Analyzed: 04/15/99

Spiked Sample: Blank Spike

PARAMETER	MB	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	PR	mg/Kg	PR		RPD	PR
TRPH	<25	194.4	ND	199	102%	199	102%	0.20	25	50-150

**Definition of Terms:**

MB: Method Blank

SA: Spike Added

SR: Sample Result

SP: Matrix Spike Result

SP (PR): Matrix Spike % Recovery

SPD: Matrix Spike Duplicate Result






SPD (PR): Matrix Spike Duplicate % Recovery

RPD: Matrix Spike Recovery % Variance

**APPENDIX C**

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY  
FORMS – MAY 1999  
AND LOGS OF BORINGS**

LOGGED BY: RDC	SURFACE ELEVATION: N/A	BORING NO. B-1
DRILL RIG: Pacific Drilling	BORING DIAMETER: 4-inch	DATE DRILLED: 5/4/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Asphalt Dark brown sandy SILT with gravel, moist, dense; (FILL).	ML				
0 - 5			Light grayish brown silty CLAY, very moist, soft; No odor.	CH				
5	1-6				5			
5 - 11.5			Light gray-buff silty CLAY with thinny bedded sand layers, saturated; no odor.	CL				
10	1-11				7			
11.5			End of boring at 11.5 feet. Groundwater encountered at 7.5 feet and stabilized at 5 feet.					
15								
20								
25								
30								
35								

EXPLORATORY BORING LOG

SummerHill Homes - Hayward

Olympic Avenue and Huntwood Drive, Hayward, CA







PROJECT NO.  
E7618

FIGURE  
3

TERRASEARCH, inc.



LOGGED BY: RDC	SURFACE ELEVATION: N/A	BORING NO. B-2
DRILL RIG: Pacific Drilling	BORING DIAMETER: 4-inch	DATE DRILLED: 5/4/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Asphalt	ML				
			Dark brown sandy SILT with gravel, moist, dense; (FILL)	CH				
			Light grayish brown silty CLAY, very moist, soft; No odor.					
5	1-6				5			
			Light gray-buff silty CLAY with thinly bedded sand layers, saturated; no odor.	CL				
10	1-10				7			
			End of boring at 10.5 feet. Groundwater encountered at 8 feet and stabilized at 7 feet.					
15								
20								
25								
30								
35								




<i>TERRASEARCH, inc.</i>	<b>EXPLORATORY BORING LOG</b>	
	SummerHill Homes - Hayward	
	Olympic Avenue and Huntwood Drive, Hayward, CA	
	PROJECT NO. E7618	FIGURE 4

LOGGED BY: RDC	SURFACE ELEVATION: N/A	BORING NO. B-3
DRILL RIG: Pacific Drilling	BORING DIAMETER: 4-Inch	DATE DRILLED: 5/4/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Dark brown sandy SILT with gravel, moist, dense; (FILL).	ML				
0 - 5			Light brown silty CLAY, very moist, medium stiff; no odor.	CH				
5	3-6				8			
5 - 10			Light gray-buff silty CLAY with thinly bedded sand layers, saturated; no odor.	CL				
10	3-10				8			
10 - 11.5			End of boring at 11.5 feet. Groundwater encountered at 7.5 feet and stabilized at 6 feet.					
15								
20								
25								
30								
35								

<i>TERRASEARCH, inc.</i>	<b>EXPLORATORY BORING LOG</b>	
	SummerHill Homes - Hayward	
	Olympic Avenue and Huntwood Drive, Hayward, CA	
PROJECT NO. E7618	FIGURE 5	

LOGGED BY: RDC	SURFACE ELEVATION: N/A	BORING NO. B-4
DRILL RIG: Pacific Drilling	BORING DIAMETER: 4-inch	DATE DRILLED: 5/4/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Dark brown sandy SILT with gravel, moist, dense; (FILL).	ML				
5	4-6		Light brown silty CLAY, very moist, medium stiff; no odor.	CH	16			
10	4-10		Light gray-buff silty CLAY with thinly bedded sand layers, saturated; no odor.	CL	5			
11.5			End of boring at 11.5 feet. Groundwater encountered at 8 feet and stabilized at 7 feet.					

<i>TERRASEARCH, inc.</i>	<b>EXPLORATORY BORING LOG</b>	
	SummerHill Homes - Hayward	
	Olympic Avenue and Huntwood Drive, Hayward, CA	
	PROJECT NO. E7618	FIGURE 6



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue  
Modesto, CA 95351

Phone: (209) 572-0900  
Fax: (209) 572-0916

Lab Report # K124-15

Regulatory  Yes  No

Regulator: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_

Fax: ( ) \_\_\_\_\_

To: \_\_\_\_\_

Client: Terrasearch Inc.  
Address: 11840 Dublin Blvd.  
City: Dublin, CA Zip: 94568

### CHAIN OF CUSTODY

Project ID		Sampled By		Sample ID		Container		No. of Containers	ANALYSIS TPHs / BTEX / PAHs / SOLO / Pb / TPH / Volatile	Lab Use Only												
E7618		(Print Name) Robert D. Campbell	(Signature)	Type	Size	Lab ID #	Preservative															
Date	Time	Grab	Comp	Matrix	Type	Size																
5/4/99	8:10			SOIL	5 Gallons	2x4'			X	X	X	X	X	X								
	8:20								X	X	X	X	X	X								
	8:35								X	X	X	X	X	X								
	8:45								X	X	X	X	X	X								
	9:10								X	X	X	X	X	X								
	9:25								X	X	X	X	X	X								
	9:30								X	X	X	X	X	X								
	10:00								X	X	X	X	X	X								
	8:25	Water							X	X	X	X	X	X								
	9:00								X	X	X	X	X	X								
	9:40								X	X	X	X	X	X								
	10:10								X	X	X	X	X	X								

Remarks

Relinquished by (Signature) <u>Robert D. Campbell</u>	Date <u>5/4/99</u>	Time <u>11:25</u>	Received by (Signature) <u>Richard Churn</u>	Date <u>5/4/99</u>	Time <u>11:25</u>
Relinquished by (Signature) <u>Richard Churn</u>	Date <u>5/4/99</u>	Time <u>2:20</u>	Received by (Signature) <u>Richard Churn</u>	Date <u>5/4/99</u>	Time <u>2:20</u>

Preservative: ①-4°C ②-HCl ③-NaOH ④-Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> ⑤-HNO<sub>3</sub> ⑥-H<sub>2</sub>SO<sub>4</sub> ⑦-Other \_\_\_\_\_ ⑧-Other \_\_\_\_\_

Site Time: Start: \_\_\_\_\_ Finish: \_\_\_\_\_ Total Hours: \_\_\_\_\_  
 Driving Time: Start: \_\_\_\_\_ Site Arrival: \_\_\_\_\_ Total Hours: \_\_\_\_\_

Mileage: \_\_\_\_\_ Approved By: \_\_\_\_\_

Ice  
↓  
VAs only

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

8010

Date: 5/11/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

Date Rec'd: 5/04/99  
Date Started: 5/07/99  
Date Completed: 5/07/99


PO#

Date Sampled: 5/04/99  
Time: 8:10AM  
Sampler: Robert Campbell

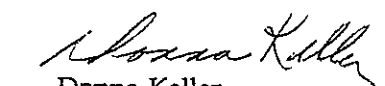
Sample ID: 1-6

Lab ID: K21570

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

8010

Date: 5/11/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

Date Rec'd: 5/04/99  
Date Started: 5/07/99  
Date Completed: 5/07/99

PO#

Date Sampled: 5/04/99  
Time: 8:35AM  
Sampler: Robert Campbell

Sample ID: 2-6

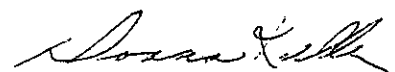
Lab ID: K21572

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

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## CERTIFICATE OF ANALYSIS

Report # K124-15

8010

Date: 5/11/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

Date Rec'd: 5/04/99  
Date Started: 5/07/99  
Date Completed: 5/07/99

PO#

Date Sampled: 5/04/99  
Time: 9:10AM  
Sampler: Robert Campbell

Sample ID: 3-6

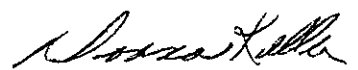
Lab ID: K21574

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

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## CERTIFICATE OF ANALYSIS

8010

Date: 5/11/99

Report # K124-15

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

PO#

Date Rec'd: 5/04/99  
Date Started: 5/07/99  
Date Completed: 5/07/99

Date Sampled: 5/04/99  
Time: 9:50AM  
Sampler: Robert Campbell

Sample ID: 4-6

Lab ID: K21576

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



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Laboratory Director



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## CERTIFICATE OF ANALYSIS

Report # K124-15

601

Date: 5/07/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/06/99


PO#

Date Sampled: 5/04/99  
Time: 8:25AM  
Sampler: Robert Campbell

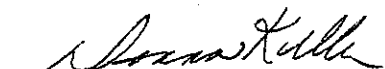
Sample ID: B-1

Lab ID: K32273

Method	MDL	Analyte	Results	Units
601	1.0	Dichlorodifluoromethane	ND	µg/L
	1.0	Chloromethane	ND	
	1.0	Vinyl Chloride	ND	
	1.0	Bromomethane	ND	
	1.0	Chloroethane	ND	
	1.0	Trichlorofluoromethane	ND	
	1.0	1,1-Dichloroethene	ND	
	1.0	Methylene Chloride	ND	
	1.0	trans-1,2-Dichloroethene	ND	
	1.0	1,1-Dichloroethane	ND	
	1.0	Chloroform	ND	
	1.0	1,1,1-Trichloroethane	ND	
	1.0	Carbon Tetrachloride	ND	
	1.0	1,2-Dichloroethane	ND	
	1.0	Trichloroethene	ND	
	1.0	1,2-Dichloropropane	ND	
	1.0	Bromodichloromethane	ND	
	1.0	2-Chloro ethyl vinyl ether	ND	
	1.0	cis-1,3-Dichloropropene	ND	
	1.0	trans-1,3-Dichloropropene	ND	
	1.0	1,1,2-Trichloroethane	ND	
	1.0	Tetrachloroethene	ND	
	1.0	Dibromochloromethane	ND	
	1.0	Chlorobenzene	ND	
	1.0	Bromoform	ND	
	1.0	1,1,2,2-Tetrachloroethane	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	
	1.0	1,2-Dichlorobenzene	ND	

  
Sylvia Krenn  
Chemist

Certification # 1157

  
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## CERTIFICATE OF ANALYSIS

Report # K124-15

601

Date: 5/07/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618


Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/06/99

PO#


Date Sampled: 5/04/99  
Time: 9:00AM  
Sampler: Robert Campbell

Sample ID: B-2  
Lab ID: K32274

Method	MDL	Analyte	Results	Units
601	1.0	Dichlorodifluoromethane	ND	µg/L
	1.0	Chloromethane	ND	
	1.0	Vinyl Chloride	ND	
	1.0	Bromomethane	ND	
	1.0	Chloroethane	ND	
	1.0	Trichlorofluoromethane	ND	
	1.0	1,1-Dichloroethene	ND	
	1.0	Methylene Chloride	ND	
	1.0	trans-1,2-Dichloroethene	ND	
	1.0	1,1-Dichloroethane	ND	
	1.0	Chloroform	ND	
	1.0	1,1,1-Trichloroethane	ND	
	1.0	Carbon Tetrachloride	ND	
	1.0	1,2-Dichloroethane	ND	
	1.0	Trichloroethene	ND	
	1.0	1,2-Dichloropropane	ND	
	1.0	Bromodichloromethane	ND	
	1.0	2-Chloro ethyl vinyl ether	ND	
	1.0	cis-1,3-Dichloropropene	ND	
	1.0	trans-1,3-Dichloropropene	ND	
	1.0	1,1,2-Trichloroethane	ND	
	1.0	Tetrachloroethene	ND	
	1.0	Dibromochloromethane	ND	
	1.0	Chlorobenzene	ND	
	1.0	Bromoform	ND	
	1.0	1,1,2,2-Tetrachloroethane	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	
	1.0	1,2-Dichlorobenzene	ND	

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

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Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

601

Date: 5/07/99

Report # K124-15

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/06/99

PO#

Date Sampled: 5/04/99  
Time: 9:40AM  
Sampler: Robert Campbell

Sample ID: B-3

Lab ID: K32275

Method	MDL	Analyte	Results	Units
601	1.0	Dichlorodifluoromethane	ND	µg/L
	1.0	Chloromethane	ND	
	1.0	Vinyl Chloride	ND	
	1.0	Bromomethane	ND	
	1.0	Chloroethane	ND	
	1.0	Trichlorofluoromethane	ND	
	1.0	1,1-Dichloroethene	ND	
	1.0	Methylene Chloride	ND	
	1.0	trans-1,2-Dichloroethene	ND	
	1.0	1,1-Dichloroethane	ND	
	1.0	Chloroform	ND	
	1.0	1,1,1-Trichloroethane	ND	
	1.0	Carbon Tetrachloride	ND	
	1.0	1,2-Dichloroethane	ND	
	1.0	Trichloroethene	ND	
	1.0	1,2-Dichloropropane	ND	
	1.0	Bromodichloromethane	ND	
	1.0	2-Chloro ethyl vinyl ether	ND	
	1.0	cis-1,3-Dichloropropene	ND	
	1.0	trans-1,3-Dichloropropene	ND	
	1.0	1,1,2-Trichloroethane	ND	
	1.0	Tetrachloroethene	ND	
	1.0	Dibromochloromethane	ND	
	1.0	Chlorobenzene	ND	
	1.0	Bromoform	ND	
	1.0	1,1,2,2-Tetrachloroethane	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	
	1.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

Report # K124-15

601

Date: 5/07/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

PO#

Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/06/99

Date Sampled: 5/04/99  
Time: 10:10AM  
Sampler: Robert Campbell

Sample ID: B-4

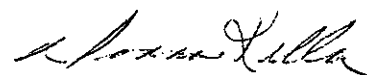
Lab ID: K32276

Method	MDL	Analyte	Results	Units
601	1.0	Dichlorodifluoromethane	ND	µg/L
	1.0	Chloromethane	ND	
	1.0	Vinyl Chloride	ND	
	1.0	Bromomethane	ND	
	1.0	Chloroethane	ND	
	1.0	Trichlorofluoromethane	ND	
	1.0	1,1-Dichloroethene	ND	
	1.0	Methylene Chloride	ND	
	1.0	trans-1,2-Dichloroethene	ND	
	1.0	1,1-Dichloroethane	ND	
	1.0	Chloroform	ND	
	1.0	1,1,1-Trichloroethane	ND	
	1.0	Carbon Tetrachloride	ND	
	1.0	1,2-Dichloroethane	ND	
	1.0	Trichloroethene	ND	
	1.0	1,2-Dichloropropane	ND	
	1.0	Bromodichloromethane	ND	
	1.0	2-Chloro ethyl vinyl ether	ND	
	1.0	cis-1,3-Dichloropropene	ND	
	1.0	trans-1,3-Dichloropropene	ND	
	1.0	1,1,2-Trichloroethane	ND	
	1.0	Tetrachloroethene	ND	
	1.0	Dibromochloromethane	ND	
	1.0	Chlorobenzene	ND	
	1.0	Bromoform	ND	
	1.0	1,1,2,2-Tetrachloroethane	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	
	1.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

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## CERTIFICATE OF ANALYSIS

BTEX & Gas

Report # K124-15

Date: 5/07/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

PO#

Date Rec'd: 5/04/99

Date Started: 5/06/99

Date Completed: 5/06/99

Date Sampled: 5/04/99

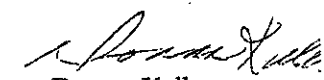
Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
1-6	K21570	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	µg/Kg
		5.0		Ethyl Benzene	ND	µg/Kg
		5.0		Total Xylenes	ND	µg/Kg
		1.0		5030/LUFT	Gasoline	ND
2-6	K21572	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	µg/Kg
		5.0		Ethyl Benzene	ND	µg/Kg
		5.0		Total Xylenes	ND	µg/Kg
		1.0		5030/LUFT	Gasoline	ND
3-6	K21574	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	µg/Kg
		5.0		Ethyl Benzene	ND	µg/Kg
		5.0		Total Xylenes	ND	µg/Kg
		1.0		5030/LUFT	Gasoline	ND
4-6	K21576	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	µg/Kg
		5.0		Ethyl Benzene	ND	µg/Kg
		5.0		Total Xylenes	ND	µg/Kg
		1.0		5030/LUFT	Gasoline	ND



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/07/99


TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618  
PO#

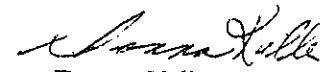
Date Rec'd: 5/04/99  
Date Started: 5/05/99  
Date Completed: 5/05/99

Date Sampled: 5/04/99  
Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K32273	0.3	602	Benzene	ND	µg/L
		0.3		Toluene	ND	µg/L
		0.3		Ethyl Benzene	ND	µg/L
		0.6		Total Xylenes	ND	µg/L
		0.05		5030/Luft	Gasoline	ND
B-2	K32274	0.3	602	Benzene	ND	µg/L
		0.3		Toluene	ND	µg/L
		0.3		Ethyl Benzene	ND	µg/L
		0.6		Total Xylenes	ND	µg/L
		0.05		5030/Luft	Gasoline	ND
B-3	K32275	0.3	602	Benzene	ND	µg/L
		0.3		Toluene	ND	µg/L
		0.3		Ethyl Benzene	ND	µg/L
		0.6		Total Xylenes	ND	µg/L
		0.05		5030/Luft	Gasoline	ND
B-4	K32276	0.3	602	Benzene	ND	µg/L
		0.3		Toluene	ND	µg/L
		0.3		Ethyl Benzene	ND	µg/L
		0.6		Total Xylenes	ND	µg/L
		0.05		5030/Luft	Gasoline	ND

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/07/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568


Project: E7618

PO#

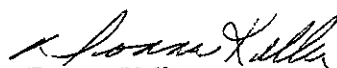
Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/06/99

Date Sampled: 5/04/99  
Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
1-6	K21570	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
2-6	K21572	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
3-6	K21574	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
	K21576	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

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## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/07/99

TerraSearch Inc.

11840 Dublin Blvd.

Dublin

CA 94568

Project: E7618

PO#

Date Rec'd: 5/04/99

Date Started: 5/05/99

Date Completed: 5/05/99

Date Sampled: 5/04/99

Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K32273	1.0	602	Methyl tert-Butyl Ether (MTBE)	ND	µg/L
B-2	K32274	1.0	602	Methyl tert-Butyl Ether (MTBE)	ND	µg/L
B-3	K32275	2.0	602	Methyl tert-Butyl Ether (MTBE)	26	µg/L
	K32276	1.0	602	Methyl tert-Butyl Ether (MTBE)	1.8	µg/L



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director



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## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/06/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/06/99


PO#

Date Sampled: 5/04/99  
Time: 8:10AM  
Sampler: Robert Campbell

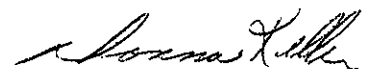
Sample ID: 1-6

Lab ID: K21570

Method	MDL	Analyte	Results	Units
418.1	50	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/06/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

PO#

Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/06/99

Date Sampled: 5/04/99  
Time: 8:35AM  
Sampler: Robert Campbell

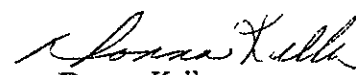
Sample ID: 2-6

Lab ID: K21572

Method	MDL	Analyte	Results	Units
418.1	50	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/06/99

TerraSearch Inc.

11840 Dublin Blvd.

Dublin

CA 94568

Project: E7618

PO#

Date Rec'd: 5/04/99

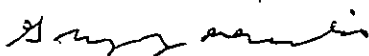
Date Started: 5/05/99

Date Completed: 5/05/99

Date Sampled: 5/04/99

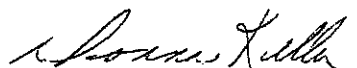
Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
1-6	K21570	1.0	3550 LUFT	Diesel	4.1	mg/Kg
2-6	K21572	1.0	3550 LUFT	Diesel	ND	mg/Kg
3-6	K21574	1.0	3550 LUFT	Diesel	ND	mg/Kg
	K21576	1.0	3550 LUFT	Diesel	ND	mg/Kg



Gregory Merciadis  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS TEPH

Report # K124-15

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618

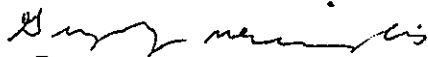
PO#

Date: 5/07/99

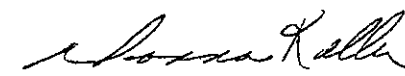
Date Rec'd: 5/04/99  
Date Started: 5/05/99  
Date Completed: 5/06/99

Date Sampled: 5/04/99  
Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K32273	0.05	3510 LUFT	Diesel	0.13	mg/L
B-2	K32274	0.05	3510 LUFT	Diesel	ND	mg/L
B-3	K32275	0.05	3510 LUFT	Diesel	ND	mg/L
B-4	K32276	0.05	3510 LUFT	Diesel	0.08	mg/L

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/12/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

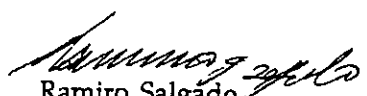
Project: E7618

PO#


Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/12/99

Date Sampled: 5/04/99  
Time: 8:10AM  
Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
1-6	K21570	5.0	7420	Lead	ND	mg/Kg
2-6	K21572	5.0	7420	Lead	ND	mg/Kg
3-6	K21574	5.0	7420	Lead	ND	mg/Kg
	K21576	5.0	7420	Lead	ND	mg/Kg

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K124-15

Date: 5/12/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

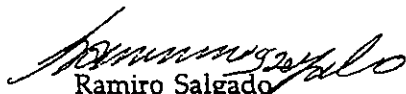
Project: E7618

PO#

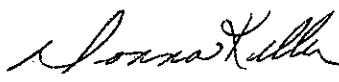
Date Rec'd: 5/04/99  
Date Started: 5/06/99  
Date Completed: 5/12/99

Date Sampled: 5/04/99  
Time: 8:20AM  
Sampler: Robert Campbell

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K32273	0.01	7421	Lead	ND	mg/L
B-2	K32274	0.01	7421	Lead	ND	mg/L
B-3	K32275	0.01	7421	Lead	ND	mg/L
	K32276	0.01	7421	Lead	ND	mg/L

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

Report# K124-15

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 5/6/99-5/7/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Benzene	V00188	8020	96.3	95.4	1.0	ND
Toluene			93.8	93.0	0.9	ND
Ethyl Benzene			97.9	97.6	0.3	ND
Methyl tert -Butyl Ether			99.7	95.7	4.1	ND
Gasoline		5030 Luft	94.7	91.7	3.2	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

Report# K124-15

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 5/6/99

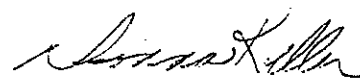
Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
1,1-Dichloroethene	V00186	601	105.9	105.0	0.9	ND
Trichloroethene			104.5	103.2	1.3	ND
Chlorobenzene			102.2	100.0	2.2	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

Report# K124-15

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 5/7/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
1,1-Dichloroethene	V00190	8010	99.3	101.4	2.1	ND
Trichloroethene			104.8	108.2	3.2	ND
Chlorobenzene			99.4	102.1	2.7	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

Report# K124-15


## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

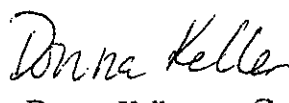
CA 94568

Dates Analyzed 5/11/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Lead	I00999	7421	106.0	106.0	0.0	ND

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

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1405 Kansas Avenue Modesto, CA 95351

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Report# K124-15

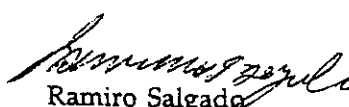
## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

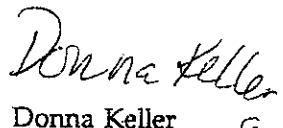
CA 94568

Dates Analyzed 5/11/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Lead	I00994	7420	99.0	104.0	4.9	ND

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

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1405 Kansas Avenue Modesto, CA 95351

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Report# K124-15

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

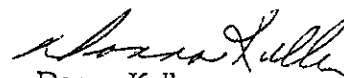
Dates Analyzed 5/6/99-5/5/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Diesel	SV00161	3510 LUFT	83.2	83.6	0.6	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

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1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

Report# K124-15

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 5/5/99-5/6/99

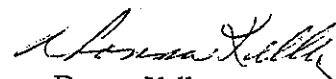
Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Benzene	V00183	602	94.2	94.9	0.7	ND
Toluene			93.3	94.4	1.2	ND
Ethyl Benzene			97.9	97.1	0.8	ND
Methyl tert -Butyl Ether			97.6	99.0	1.5	ND
Gasoline		5030 Luft	95.8	97.4	1.6	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

Report# K124-15

## QC REPORT


TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

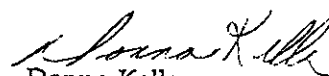
Dates Analyzed 5/4/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Oil	SV00159	418.1	98.6	108.0	9.1	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

Report# K124-15

## QC REPORT


TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

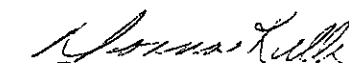
Dates Analyzed 5/4/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Diesel	SV00158	3550 LUFT	105.0	84.2	21.9	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

**APPENDIX D**

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY  
FORMS – JUNE 1999**





# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue  
Modesto, CA 95351

Phone: (209) 572-0900  
Fax: (209) 572-0916

Lab Report # K168-04  
Regulatory  Yes  No page 1 of 2

Regulator: \_\_\_\_\_

Phone: (925) 833-9297

Fax: (925) 833-9548

To: Chris Winn

Client: Terrasearch

## CHAIN OF CUSTODY

Address: 11840 Dublin Boulevard

City Dublin Zip 94568

Project ID		Sampled By		Sample ID		Container		No. Of Containers	ANALYSIS TOG 4B.1 TEPH BTX/MTBE	Lab Use Only				
<u>E7618</u>		(Print Name)	(Signature)	Grab	Comp	Matrix	Type			Size	Lab ID #	Preservative		
<u>Olympic Avenue, Hayward</u>		<u>Chris Winn</u>	<u>[Signature]</u>			<u>Soil</u>	<u>Glass Liner</u>							
<u>6/16/99</u>						<u>Area B1</u>			X	X	X	Remarks	<u>K22144</u>	
						<u>Area B2</u>			X	X	X		<u>K22145</u>	
						<u>Area B3</u>			X	X	X		<u>K22146</u>	
						<u>Area B4</u>			X	X	X		<u>K22147</u>	
						<u>Area B5</u>			X	X	X		<u>K22148</u>	
						<u>TP1A</u>			X	X	X		<u>K22149</u>	
						<u>TP2A</u>			X	X	X		<u>K22150</u>	
						<u>TP3A</u>			X	X	X		<u>K22151</u>	
						<u>TP4A</u>			X	X	X		<u>K22152</u>	
						<u>TP5A</u>			X	X	X		<u>K22153</u>	
						<u>TP6A</u>			X	X	X		<u>K22154</u>	
						<u>TP7A</u>			X	X	X		<u>K22155</u>	

Remarks: 24-hr turnaround please

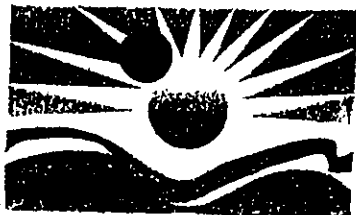
Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
<u>Chris Winn</u>	<u>6/17/99</u>	<u>2:20</u>	<u>R Bevedo</u>	<u>6-17-99</u>	<u>2:20</u>
Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
<u>R Bevedo</u>	<u>6-17-99</u>	<u>4:30</u>	<u>Jennifer Hoffmann</u>	<u>6-17-99</u>	<u>4:30</u>

Preservative: ① -4°C ② -HCl ③ -NaOH ④ -Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> ⑤ -HNO<sub>3</sub> ⑥ -H<sub>2</sub>SO<sub>4</sub> ⑦ -Other \_\_\_\_\_ ⑧ -Other \_\_\_\_\_

Site Time: Start: \_\_\_\_\_ Finish: \_\_\_\_\_ Total Hours: \_\_\_\_\_  
 Driving Time: Start: \_\_\_\_\_ Site Arrival: \_\_\_\_\_ Total Hours: \_\_\_\_\_  
 x2= \_\_\_\_\_

Mileage: \_\_\_\_\_

Approved By: \_\_\_\_\_



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue  
Modesto, CA 95351

Phone: (209) 572-0900  
Fax: (209) 572-0916

Lab Report # K168-04  
Regulatory  Yes  No Page 2 of 2

Regulator: \_\_\_\_\_

Phone: (925) 833-9297

Fax: (925) 833-9548

To: Chris Winn

Client: Terrasearch

## CHAIN OF CUSTODY

Address: 11840 Dublin Boulevard

City Dublin Zip 94568

Project ID		Sampled By				Container		No. Of Containers	ANALYSIS TOG 416.1 TEPH BTEx/MTBE	Lab Use Only	
<u>E7618</u>		(Print Name) <u>Olympic Avenue, Hayward</u>		(Signature) <u>Chris Winn</u>		Type	Size			Lab ID #	Preservative
Date	Time	Sample type	Sample ID	Grab	Comp	Matrix	Type	Size	Remarks	Lab ID #	Preservative
<u>6/17/99</u>			<u>TP8A</u>			<u>Soil</u>	<u>Brass liner</u>		<u>XXX</u>		<u>K22156</u>
Remarks: <u>24-hr turnaround please</u>											
Relinquished by (Signature)		Date	Time	Received by (Signature)		Date	Time				
<u>Chris Winn</u>		<u>6/17/99</u>	<u>2:20</u>	<u>R. Hewes</u>		<u>6-17-99</u>	<u>2:20</u>				
Relinquished by (Signature)		Date	Time	Received by (Signature)		Date	Time				
<u>R. Hewes</u>		<u>6-17-99</u>	<u>4:30</u>	<u>Jennifer Hoffman</u>		<u>6-17-99</u>	<u>4:30</u>				
Preservative: ① -4°C ② -HCl ③ -NaOH ④ -Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ⑤ -HNO <sub>3</sub> ⑥ -H <sub>2</sub> S O <sub>4</sub> ⑦ -Other _____ ⑧ -Other _____											
Site Time:			Driving Time:			Total Hours:			Total Hours		
Start:	Finish:	Total Hours:	Start:	Site Arrival:	Total Hours	x2=					

Mileage: \_\_\_\_\_

Approved By: \_\_\_\_\_

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K168-04

Date: 6/18/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568


Project: E7618 Olympic Ave. Hayward

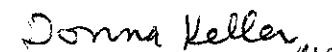
Date Rec'd: 6/17/99  
Date Started: 6/18/99  
Date Completed: 6/18/99

PO#

Date Sampled: 6/16/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
Area B1	K22144	50	418.1	Total Recoverable Petroleum Hydrocarbons	220	mg/Kg
Area B2	K22145	500	418.1	Total Recoverable Petroleum Hydrocarbons	910	mg/Kg
Area B3	K22146	50	418.1	Total Recoverable Petroleum Hydrocarbons	1100	mg/Kg
Area B4	K22147	500	418.1	Total Recoverable Petroleum Hydrocarbons	710	mg/Kg
Area B5	K22148	50	418.1	Total Recoverable Petroleum Hydrocarbons	300	mg/Kg
TP1A	K22149	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
TP2A	K22150	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
TP3A	K22151	50	418.1	Total Recoverable Petroleum Hydrocarbons	160	mg/Kg
TP4A	K22152	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
TP5A	K22153	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg

  
Gregory Merciadis

  
Donna Keller *ALS*

# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

Report # K168-04

Date: 6/18/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Ave. Hayward


Date Rec'd: 6/17/99  
Date Started: 6/18/99  
Date Completed: 6/18/99

PO#

Date Sampled: 6/16/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
TP6A	K22154	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
TP7A	K22155	50	418.1	Total Recoverable Petroleum Hydrocarbons	500	mg/Kg
TP8A	K22156	500	418.1	Total Recoverable Petroleum Hydrocarbons	1400	mg/Kg

  
Gregory Merciadis

  
Donna Keller

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K168-04

BTEX

Date: 6/18/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin

CA 94568

Project: E7618 Olympic Ave. Hayward

PO#

Date Rec'd: 6/17/99  
Date Started: 6/17/99  
Date Completed: 6/18/99

Date Sampled: 6/16/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
Area B1	K22144	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
Area B2	K22145	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
Area B3	K22146	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
Area B4	K22147	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
Area B5	K22148	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
TP1A	K22149	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	

  
Sylvia Krenn

  
Donna Keller

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K168-04

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Date: 6/18/99

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11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Ave. Hayward

PO#

Date Rec'd: 6/17/99  
Date Started: 6/17/99  
Date Completed: 6/18/99

Date Sampled: 6/16/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
TP2A	K22150	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
TP3A	K22151	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
TP4A	K22152	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
TP5A	K22153	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
TP6A	K22154	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	
TP7A	K22155	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	

  
Sylvia Krenn

  
Donna Keller

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS BTEX

Report # K168-04

Date: 6/18/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Ave. Hayward

PO#

Date Rec'd: 6/17/99  
Date Started: 6/17/99  
Date Completed: 6/18/99

Date Sampled: 6/16/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
TP8A	K22156	5.0	8020	Benzene	ND	µg/Kg
		5.0		Toluene	ND	
		5.0		Ethyl Benzene	ND	
		5.0		Total Xylenes	ND	

  
Sylvia Krenn

  
Donna Keller  
Director

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Date Rec'd: 6/17/99  
Date Started: 6/17/99  
Date Completed: 6/18/99

PO#

Date Sampled: 6/16/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
Area B1	K22144	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
Area B2	K22145	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
Area B3	K22146	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
Area B4	K22147	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
Area B5	K22148	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
TP1A	K22149	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
TP2A	K22150	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
TP3A	K22151	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
TP4A	K22152	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
TP5A	K22153	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg

  
Sylvia Krenn

  
Donna Keller



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Date Started: 6/17/99  
Date Completed: 6/18/99

Date Sampled: 6/16/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
TP6A	K22154	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
TP7A	K22155	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg
TP8A	K22156	10	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg

  
Sylvia Krenn

  
Donna Keller

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PO#

Date Rec'd: 6/17/99


Date Started: 6/17/99

Date Completed: 6/18/99

Date Sampled: 6/16/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
Area B1	K22144	5	3550 LUFT	Kerosene	ND	mg/Kg
		5		Diesel	ND	
		50		Motor Oil	160	
Area B2	K22145	5	3550 LUFT	Kerosene	ND	mg/Kg
		5		Diesel	ND	
		50		Motor Oil	320	
Area B3	K22146	5	3550 LUFT	Kerosene	ND	mg/Kg
		5		Diesel	ND	
		50		Motor Oil	440	
Area B4	K22147	5	3550 LUFT	Kerosene	ND	mg/Kg
		5		Diesel	ND	
		50		Motor Oil	410	
Area B5	K22148	5	3550 LUFT	Kerosene	ND	mg/Kg
		5		Diesel	ND	
		50		Motor Oil	350	
TP1A	K22149	1.0	3550 LUFT	Kerosene	ND	mg/Kg
		1.0		Diesel	ND	
		10.0		Motor Oil	ND	

  
Gregory Merciadis

  
Donna Keller

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Date Started: 6/17/99

Date Completed: 6/18/99

Date Sampled: 6/16/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
TP2A	K22150	1.0	3550 LUFT	Kerosene	ND	mg/Kg
		1.0		Diesel	ND	
		10.0		Motor Oil	ND	
TP3A	K22151	1.0	3550 LUFT	Kerosene	ND	mg/Kg
		1.0		Diesel	ND	
		10.0		Motor Oil	ND	
TP4A	K22152	1.0	3550 LUFT	Kerosene	ND	mg/Kg
		1.0		Diesel	ND	
		10.0		Motor Oil	ND	
TP5A	K22153	1.0	3550 LUFT	Kerosene	ND	mg/Kg
		1.0		Diesel	ND	
		10.0		Motor Oil	ND	
TP6A	K22154	1.0	3550 LUFT	Kerosene	ND	mg/Kg
		1.0		Diesel	ND	
		10.0		Motor Oil	ND	
TP7A	K22155	5	3550 LUFT	Kerosene	ND	mg/Kg
		5		Diesel	ND	
		50		Motor Oil	510	

  
Gregory Merciadis

  
Donna Keller

# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

Report # K168-04

Date: 6/18/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin

CA 94568

Project: E7618 Olympic Ave. Hayward

PO#

Date Rec'd: 6/17/99

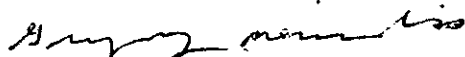
Date Started: 6/17/99

Date Completed: 6/18/99

Date Sampled: 6/16/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
TP8A	K22156	5	3550 LUFT	Kerosene	ND	mg/Kg
		5		Diesel	ND	
		50		Motor Oil	600	

  
Gregory Merciadis

  
Donna Keller

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K168-04

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 6/18/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Oil	SV00226	418.1	100.0	103.9	3.8	ND

Comments:

  
Gregory Merciadis

  
Donna Keller

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

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Fax (209) 572-0916

Report# K168-04

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 6/17/99

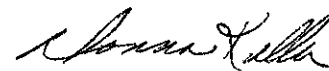
Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Benzene	V00272	8020	104.2	95.2	9.0	ND
Toluene			92.3	90.4	2.1	ND
Ethyl Benzene			96.2	94.1	2.2	ND
Methyl tert -Butyl Ether			97.8	97.1	0.7	ND
Gasoline		5030 Luft	97.4	101.2	3.8	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K168-04

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

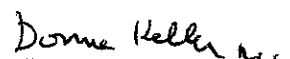
Dates Analyzed 6/17/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Diesel	SV00224	3550 LUFT	81.2	89.5	9.7	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K174-09

Date: 6/24/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin

CA 94568

Project: E7618 Olympic Avenue Hayward

PO#

Date Rec'd: 6/23/99

Date Started: 6/24/99


Date Completed: 6/24/99

Date Sampled: 6/22/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
Lot 81 Native	K22247	1.0	3550 LUFT	Kerosene	ND	mg/Kg
		1.0		Diesel	ND	
		10.0		Motor Oil	ND	
Lot 82 Fill	K22248	10	3550 LUFT	Kerosene	ND	mg/Kg
		10		Diesel	ND	
		100		Motor Oil	280	

  
Gregory Merciadis

  
Donna Keller  
Laboratory Director



# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

Report # K174-09

Date: 6/24/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Avenue Hayward  
PO#

Date Rec'd: 6/23/99  
Date Started: 6/23/99  
Date Completed: 6/23/99

Date Sampled: 6/22/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
Lot 81 Native	K22247	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
Lot 82 Fill	K22248	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg

  
Sylvia Krenn

  
Donna Keller

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Date Rec'd: 6/23/99  
Date Started: 6/24/99  
Date Completed: 6/24/99

PO#

Date Sampled: 6/22/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
Lot 81 Native	K22247	50	418.1	Total Recoverable Petroleum Hydrocarbons	95	mg/Kg
Lot 82 Fill	K22248	500	418.1	Total Recoverable Petroleum Hydrocarbons	4100	mg/Kg

  
Gregory Merciadis

  
Donna Keller  
Laboratory Director

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Report# K174-09

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 6/24/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Diesel	SV00236	3550 LUFT	84.5	93.4	10.0	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

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Report# K174-09

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 6/23/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Benzene	V00283	8020	94.7	93.1	1.7	ND
Toluene			93.8	90.2	3.8	ND
Ethyl Benzene			97.0	94.6	2.5	ND
Methyl tert -Butyl Ether			100.8	102.2	1.4	ND
Gasoline			96.2	93.0	3.4	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157

Donna Keller  
Laboratory Director

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Report# K174-09

## QC REPORT

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Dublin

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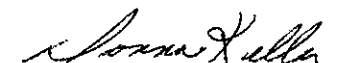
Dates Analyzed 6/22/99

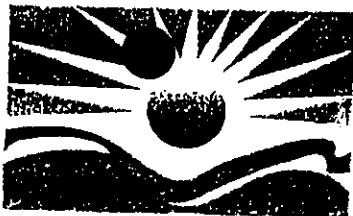
Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Oil	SV00230	418.1	106.4	108.0	1.5	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director



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Lab Report # K174-09

Regulatory  Yes  No

Regulator: \_\_\_\_\_

Phone: (925) 833-9297

Fax: (925) 833-9548

To: Chris Winn

Client: Terrasearch

## CHAIN OF CUSTODY

Address: 11840 Dublin Boulevard

City Dublin Zip 94568

Project ID		Sampled By		Date		Time		Sample type		Sample ID		Container		No. Of Containers	ANALYSIS						Lab Use Only	
<u>ET618 Olympic Avenue Hayward</u>		<u>Chris Winn</u>		Grab	Comp	Matrix	Type	Size	TOG	418.1	T/EPH	BTEX/MTBE	Lab ID #		Preservative							
<u>6/22/99</u>	<u>1000</u>			<u>Soil</u>			<u>Brass Liner</u>		<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>							<u>Remarks</u>	<u>K22247</u>		
<u>6/22/99</u>	<u>1010</u>			<u>Soil</u>			<u>Brass Liner</u>		<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>								<u>K22248</u>		
Remarks: <u>48 hour T.A.T.</u>																						
Relinquished by (Signature): <u>[Signature]</u>				Date:	Time:	Received by (Signature): <u>[Signature]</u>				Date:	Time:											
Relinquished by (Signature): _____				Date:	Time:	Received by (Signature): _____				Date:	Time:											
Preservative: ① -4°C ② -HCl ③ -NaOH ④ -Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ⑤ -HNO <sub>3</sub> ⑥ -H <sub>2</sub> S O <sub>4</sub> ⑦ -Other _____ ⑧ -Other _____																						
Site Time: Start: _____ Finish: _____ Total Hours: _____				Driving Time: Start: _____ Site Arrival: _____ Total Hours: _____				x2= _____														

Mileage: \_\_\_\_\_

Approved By: \_\_\_\_\_

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K176-13

Date: 6/28/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Avenue, Hayward

Date Rec'd: 6/25/99  
Date Started: 6/28/99  
Date Completed: 6/28/99

PO#

Date Sampled: 6/25/99  
Time: 1000  
Sampler: Chris Winn

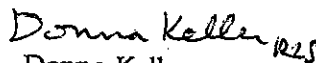
Sample ID: Lot 77 Fill

Lab ID: K22321

Method	MDL	Analyte	Results	Units
3550 LUFT	1.0	Kerosene	ND	mg/Kg
	1.0	Diesel	ND	
	10:0	Motor Oil	ND	

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report# K176-13

Date: 6/28/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Avenue, Hayward

Date Rec'd: 6/25/99  
Date Started: 6/28/99  
Date Completed: 6/28/99

PO#

Date Sampled: 6/25/99  
Time: 1000  
Sampler: Chris Winn

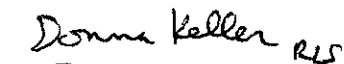
Sample ID: Lot 77 Fill

Lab ID: K22321

Method	MDL	Analyte	Results	Units
8020	10	Methyl tert-Butyl Ether (MTBE)	ND	µg/Kg

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K176-13

BTEX

Date: 6/28/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Avenue, Hayward

Date Rec'd: 6/25/99  
Date Started: 6/28/99  
Date Completed: 6/28/99

PO#

Date Sampled: 6/25/99  
Time: 1000  
Sampler: Chris Winn

Sample ID: Lot 77 Fill

Lab ID: K22321

Method	MDL	Analyte	Results	Units
8020	5.0	Benzene	ND	µg/Kg
	5.0	Toluene	ND	
	5.0	Ethyl Benzene	ND	
	5.0	Total Xylenes	ND	



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K176-13

Date: 6/28/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618 Olympic Avenue, Hayward

Date Rec'd: 6/25/99  
Date Started: 6/28/99  
Date Completed: 6/28/99

PO#

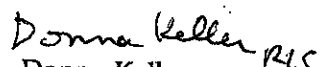
Date Sampled: 6/25/99  
Time: 1000  
Sampler: Chris Winn

Sample ID: Lot 77 Fill  
Lab ID: K22321

Method	MDL	Analyte	Results	Units
418.1	50	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K176-13

## QC REPORT


TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

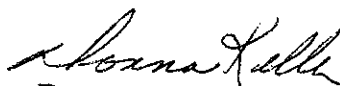
Dates Analyzed 6/28/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Diesel	SV00241	3550 LUFT	88.3	94.9	7.2	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K176-13

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568


Dates Analyzed 6/28/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Oil	SV00243	418.1	104.3	102.7	1.6	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

Report# K176-13

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 6/28/99-6/29/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Benzene	V00288	8020	92.3	93.3	1.0	ND
Toluene			88.2	90.2	2.3	ND
Ethyl Benzene			92.2	92.5	0.3	ND
Methyl tert -Butyl Ether			96.3	105.9	9.5	ND
Gasoline		5030 Luft	96.8	98.3	1.5	ND

Comments:

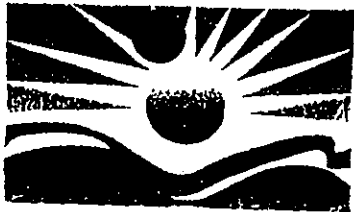


Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue  
Modesto, CA 95351

Phone: (209) 572-0900  
Fax: (209) 572-0916

Lab Report # K176-13

Regulatory  Yes  No

Regulator: \_\_\_\_\_

Phone: (25) 833-9297

Fax: (25) 833-9548

To: Chris Winn

Client: Terrasearch, Inc.

## CHAIN OF CUSTODY

Address: 11840 Dublin Blvd.

City Dublin Zip 94568

Project ID <u>E7618 Olympic Avenue Hayward</u>				Container		No. Of Containers	ANALYSIS				Lab Use Only	
Sampled By		(Print Name) <u>Chris Winn</u>		Type	Size		TOG	4/6.1	TEPH	BIEX	MTBE	Lab ID #
Date	Time	Sample type	Sample ID									
Grab	Comp	Matrix										
<u>6/25/99</u>	<u>1000</u>		<u>Soil</u>	<u>Lot 77 Fill</u>	<u>Brass</u>	<u>3"</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>		
											<u>Remarks</u>	<u>K22321</u>
Remarks: <u>Results by Tuesday 6/29</u>												
Relinquished by (Signature) <u>[Signature]</u>		Date	Time	Received by (Signature) <u>[Signature]</u>		Date	Time	Received by (Signature) <u>[Signature]</u>		Date	Time	
Relinquished by (Signature)		<u>6/25/99</u>	<u>3:05</u>	Received by (Signature)		<u>6/28/99</u>	<u>3:05</u>	Received by (Signature)				
Preservative: ① -4°C ② -HCl ③ -NaOH ④ -Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ⑤ -HNO <sub>3</sub> ⑥ -H <sub>2</sub> S O <sub>4</sub> ⑦ -Other _____ ⑧ -Other _____												
Site Time:			Driving Time:			Site Arrival:			Total Hours:			
Start:	Finish:	Total Hours:	Start:	Site Arrival:	Total Hours:							

Mileage: \_\_\_\_\_

Approved By: \_\_\_\_\_

**APPENDIX E**

**LABORATORY ANALYTICAL REPORTS AND  
CHAIN-OF-CUSTODY FORMS – JULY 1999  
AND LOGS OF BORINGS**

LOGGED BY: CEW	SURFACE ELEVATION: NA	BORING NO. B-1
DRILL RIG: Pacific Drilling.	BORING DIAMETER: 4-inch.	DATE DRILLED: 07/02/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Olive green to brown clayey SAND, moist, medium dense, no odor.	SC				
5								
7-6								
10			Greenish brown clayey SAND, moist, loose, no odor.					
10-11								
15			Borehole terminated at 15 feet.					
20								
25								
30								
35								

EXPLORATORY BORING LOG

Canterbury Addition

Olympic and Huntwood Avenues



TERRASEARCH, inc.

PROJECT NO. E7618.001

FIGURE 3



LOGGED BY: CEW	SURFACE ELEVATION: NA	BORING NO. B-2
DRILL RIG: Pacific Drilling	BORING DIAMETER: 4-inch	DATE DRILLED: 07/02/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Dark brown sandy CLAY, moist, medium stiff, no odor.	VC				
2-4	2-4				8			
5			Light grayish brown clayey SAND, moist, loose, no odor.	SC				
10	2-11				4			
15			Borehole terminated at 16.5 feet.					
20								
25								
30								
35								

EXPLORATORY BORING LOG

Canterbury Addition

Olympic and Huntwood Avenues

TERRASEARCH, inc.

PROJECT NO.  
E7618.001

FIGURE  
4

LOGGED BY: CEW	SURFACE ELEVATION: NA	BORING NO. B-3
DRILL RIG: Pacific Drilling	BORING DIAMETER: 4-inch	DATE DRILLED: 07/02/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Dark brown to black sandy CLAY, moist, medium stiff, no odor.	VC				
3-4					6			
5			Grayish brown clayey SAND, moist, loose, no odor.	SC				
10					4			
10-11								
15								
16.5			Borehole terminated at 16.5 feet.					
20								
25								
30								
35								

EXPLORATORY BORING LOG

Canterbury Addition

Olympic and Huntwood Avenues

TERRASEARCH, inc.

PROJECT NO.  
E7618.001

FIGURE  
5

LOGGED BY: CEW	SURFACE ELEVATION: NA	BORING NO. B-4
DRILL RIG: Pacific Drilling	BORING DIAMETER: 4-inch	DATE DRILLED: 07/02/99

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Dark brown to black sandy CLAY, moist, stiff, no odor.	VC				
4-4	4-4				12			
5			Light grayish brown clayey SAND, moist, loose, no odor.	SC				
10	4-11				6			
15								
20			Borehole terminated at 20 feet.					
25								
30								
35								

EXPLORATORY BORING LOG

Canterbury Addition

Olympic and Huntwood Avenues

PROJECT NO.  
E7618.001

FIGURE  
6

TERRASEARCH, inc.

LOGGED BY: <b>CEW</b>	SURFACE ELEVATION:	BORING NO. <b>B-5</b>
DRILL RIG: <b>Pacific Drilling</b>	BORING DIAMETER: <b>4</b>	DATE DRILLED: <b>7/2/99</b>

DEPTH (feet)	SAMPLE NO.	SAMPLE GRAPHIC LOG	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	SOIL CLASSIFICATION	CONVERTED SPT BLOW COUNT (BLOWS/FT.)	DRY DENSITY (PCF)	MOISTURE CONTENT (PERCENT)	REMARKS
0			Whitish gray to brown sandy CLAY, moist, no odor.	CL				
5	5-6				8			
10	5-11		Light grayish brown clayey SAND, moist, no odor.	SC	4			
15	5-16		Orange brown clayey SAND, wet, no odor.		9			
16.5			Borehole terminated at 16.5 feet. Groundwater stabilized at 10 feet below ground surface.					
20								
25								
30								
35								



GEOTECHNICAL ENGINEERS AND GEOLOGISTS

**TERRASEARCH INC.**

11840 DUBLIN BLVD., DUBLIN, CALIFORNIA 94568. (925) 833-9297

**EXPLORATORY BORING LOG**

Canterbury Residential Development

Olympic Avenue, Hayward, California

PROJECT NO.  
7618.00

FIGURE  
1



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue  
Modesto, CA 95351

Phone: (209) 572-0900  
Fax: (209) 572-0916

Lab Report # K183-07  
Regulatory  Yes  No Page 2 of 2

Regulator: \_\_\_\_\_

Phone: (925) 833-9297

Fax: (925) 833-9548

To: \_\_\_\_\_

Client: Terrasearch, Inc.

## CHAIN OF CUSTODY

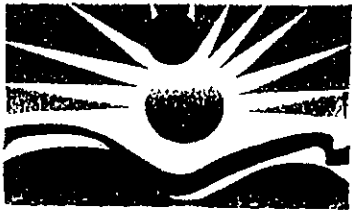
Address: 11840 Dublin Blvd.

City: Dublin Zip: 94568

Project ID		Sampled By		Container		No. of Containers	ANALYSIS						Lab Use Only		
<u>E7618.001 Olympic Ave, Hayward</u>		(Print Name) <u>Chris Winn</u>	(Signature) <u>[Signature]</u>	Type	Size		TPH d	TPH g	BEIX/MTRE	TOG	SOID	Meths: C, G, Pb, Zn, Ni	C, H, C	Lab ID #	Preservative
Date	Time	Grab	Comp	Matrix	Sample ID								Remarks	Lab ID #	
<u>7/2/99</u>		<u>X</u>		<u>Water</u>	<u>B-2</u>	<u>400g, ZAMB, 1 Plast</u>	<u>7</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>K33670</u>
<u>7/2/99</u>		<u>X</u>		<u>Water</u>	<u>B-5</u>	<u>" " "</u>	<u>7</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>K33671</u>
Remarks: <u>Standard T.A.T. # 7/6/99 11:00am 24 hr. Rush on B-5 per Rob/KC</u>															
Relinquished by (Signature) <u>[Signature]</u>				Date <u>7/2/99</u>	Time	Received by (Signature) <u>[Signature]</u>				Date <u>7/2/99</u>	Time <u>2:55</u>				
Relinquished by (Signature)				Date	Time	Received by (Signature)				Date	Time				
Preservative: ①-4°C ②-HCl ③-NaOH ④-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ⑤-HNO <sub>3</sub> ⑥-H <sub>2</sub> S O <sub>4</sub> ⑦-Other _____ ⑧-Other _____															
Site Time: Start: _____				Finish: _____				Driving Time: Start: _____				Total Hours: _____			
				Total Hours:				Site Arrival:				x2=			

Mileage: \_\_\_\_\_

Approved By: \_\_\_\_\_



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue  
Modesto, CA 95351

Phone: (209) 572-0900  
Fax: (209) 572-0916

Lab Report # K183-07  
Regulatory  Yes  No page 1 of 2

Regulator: \_\_\_\_\_

Phone: (925) 833-9297

Fax: (925) 833-9548

To: Chris Winn

Client: Terrasearch, Inc.

## CHAIN OF CUSTODY

Address: 11840 Dublin Blvd.

City Dublin Zip 94568

Project ID		Sampled By		Sample ID		Container		No. Of Containers	ANALYSIS	TPHd	TPH G	BTEX/MTBE	TOG	POLIO	Metals: Cd, Cr, Pb, Zn, Ni	Lab Use Only							
<u>E7618.001 Olympic Ave, Hayward</u>		(Print Name) <u>Chris Winn</u>	(Signature) <u>[Signature]</u>	Grab	Comp	Type	Size									Lab ID #	Preservative						
<u>7/2/99</u>		<u>X</u>		<u>Soil</u>	<u>B-1-6</u>	<u>Brass</u>	<u>3"</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22404</u>						
					<u>B-1-11</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22405</u>						
					<u>B-2-4</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22406</u>						
					<u>B-2-11</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22407</u>						
					<u>B-3-4</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22408</u>						
					<u>B-3-11</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22409</u>						
					<u>B-4-4</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22410</u>						
					<u>B-4-11</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22411</u>						
					<u>B-5-6</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22412</u>						
					<u>B-5-11</u>			<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22413</u>						
<u>7/2/99</u>				<u>Water</u>	<u>B-1</u>			<u>7</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>K22414</u>						
Remarks: <u>Standard T. A. T.</u>																							
Relinquished by (Signature) <u>[Signature]</u>				Date <u>7/2/99</u>	Time	Received by (Signature) <u>[Signature]</u>				Date <u>7/2/99</u>	Time <u>2:55 PM</u>												
Relinquished by (Signature) <u>[Signature]</u>				Date	Time	Received by (Signature) <u>[Signature]</u>				Date	Time												
Preservative: ① -4°C ② -HCl ③ -NaOH ④ -Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ⑤ -HNO <sub>3</sub> ⑥ -H <sub>2</sub> S O <sub>4</sub> ⑦ -Other _____ ⑧ -Other _____																							
Site Time: Start: _____				Finish: _____				Total Hours: _____				Driving Time: Start: _____				Site Arrival: _____				Total Hours: _____			

Mileage: \_\_\_\_\_

Approved By: \_\_\_\_\_

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K183-07

Date: 7/12/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99

Date Started: 7/09/99


Date Completed: 7/12/99

PO#

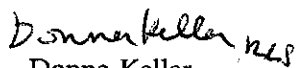
Date Sampled: 7/02/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1-6'	K22404	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-1-11'	K22405	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-2-4'	K22406	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-2-11'	K22407	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-3-4'	K22408	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K183-07

Date: 7/12/99


TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward  
PO#

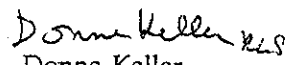
Date Rec'd: 7/02/99  
Date Started: 7/09/99  
Date Completed: 7/12/99

Date Sampled: 7/02/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-3-11'	K22409	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-4-4'	K22410	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-4-11'	K22411	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-5-6'	K22412	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg
B-5-11'	K22413	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director



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Date Rec'd: 7/02/99  
Date Started: 7/09/99  
Date Completed: 7/12/99

Date Sampled: 7/02/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-5-16'	K22414	5.0	8020	Benzene	ND	µg/Kg
		5.0	8020	Toluene	ND	µg/Kg
		5.0	8020	Ethyl Benzene	ND	µg/Kg
		5.0	8020	Total Xylenes	ND	µg/Kg
		10	8020	Methyl tert -Butyl Ether	ND	µg/Kg
		1.0	5030 Luft	Gasoline	ND	mg/Kg

  
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## CERTIFICATE OF ANALYSIS

Report # K183-07

Date: 7/08/99

TerraSearch Inc.  
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Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99  
Date Started: 7/06/99  
Date Completed: 7/07/99

PO#

Date Sampled: 7/02/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1-6'	K22404	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-1-11'	K22405	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-2-4'	K22406	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-2-11'	K22407	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-3-4'	K22408	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-3-11'	K22409	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-4-4'	K22410	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-4-11'	K22411	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-5-6'	K22412	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg
B-5-11'	K22413	50	418.1	Total Recoverable Petroleum Hydrocarbons	73	mg/Kg

*Gregory Merciadis*  
Gregory Merciadis  
Chemist

Certification # 1157

*Donna Keller*  
Donna Keller  
Laboratory Director

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Date Rec'd: 7/02/99

Date Started: 7/06/99

Date Completed: 7/07/99

PO#

Date Sampled: 7/02/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-5-16'	K22414	50	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/Kg

*Gregory Merciadis*  
Gregory Merciadis  
Chemist *R*

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*Donna Keller*  
Donna Keller  
Laboratory Director

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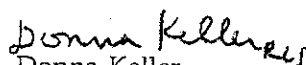
Date Rec'd: 7/02/99  
Date Started: 7/06/99  
Date Completed: 7/08/99

PO#

Date Sampled: 7/02/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1-6'	K22404	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-1-11'	K22405	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-2-4'	K22406	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-2-11'	K22407	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-3-4'	K22408	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-3-11'	K22409	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-4-4'	K22410	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-4-11'	K22411	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-5-6'	K22412	1.0	3550 LUFT	Diesel	ND	mg/Kg
B-5-11'	K22413	1.0	3550 LUFT	Diesel	ND	mg/Kg

  
Gregory Merciadis

  
Donna Keller  
Laboratory Director

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Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99

Date Started: 7/08/99

Date Completed: 7/08/99

PO#

Date Sampled: 7/02/99

Time:

Sampler: Chris Winn

Sample ID: B-1-6'

Lab ID: K22404

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
Chemist

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Date Rec'd: 7/02/99

Date Started: 7/08/99

Date Completed: 7/08/99

PO#

Date Sampled: 7/02/99

Time:

Sampler: Chris Winn

Sample ID: B-1-11'

Lab ID: K22405

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
Chemist

Certification # 1157

Donna Keller RES  
Donna Keller  
Laboratory Director

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Date Rec'd: 7/02/99

Date Started: 7/08/99

Date Completed: 7/08/99

PO#

Date Sampled: 7/02/99

Time:

Sampler: Chris Winn

Sample ID: B-2-4'

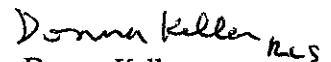
Lab ID: K22406

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
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Laboratory Director

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Date Rec'd: 7/02/99

Date Started: 7/08/99

Date Completed: 7/08/99

PO#

Date Sampled: 7/02/99

Time:

Sampler: Chris Winn

Sample ID: B-2-11'

Lab ID: K22407

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



Sylvia Krenn  
Chemist

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Donna Keller *res*  
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PO#

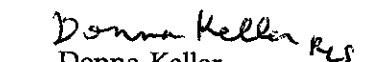
Date Sampled: 7/02/99  
Time:  
Sampler: Chris Winn

Sample ID: B-3-4'  
Lab ID: K22408

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	

  
Sylvia Krenn  
Chemist

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Donna Keller  
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Date Sampled: 7/02/99


Time:

Sampler: Chris Winn

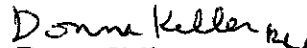
Sample ID: B-3-11'

Lab ID: K22409

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K183-07

8010

Date: 7/12/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99  
Date Started: 7/08/99  
Date Completed: 7/08/99

PO#

Date Sampled: 7/02/99  
Time:  
Sampler: Chris Winn

Sample ID: B-4-4'

Lab ID: K22410

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	



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## CERTIFICATE OF ANALYSIS

Report # K183-07

8010

Date: 7/12/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward


Date Rec'd: 7/02/99  
Date Started: 7/08/99  
Date Completed: 7/08/99

PO#

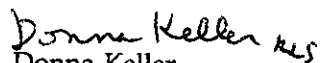
Date Sampled: 7/02/99  
Time:  
Sampler: Chris Winn

Sample ID: B-4-11'  
Lab ID: K22411

Method	MDL	Analyte	Results	Units
8010	5.0	Dichlorodifluoromethane	ND	µg/Kg
	5.0	Chloromethane	ND	
	5.0	Vinyl Chloride	ND	
	5.0	Bromomethane	ND	
	5.0	Chloroethane	ND	
	5.0	Trichlorofluoromethane	ND	
	5.0	1,1-Dichloroethene	ND	
	5.0	Methylene Chloride	ND	
	5.0	trans-1,2-Dichloroethene	ND	
	5.0	1,1-Dichloroethane	ND	
	5.0	Chloroform	ND	
	5.0	1,1,1-Trichloroethane	ND	
	5.0	Carbon Tetrachloride	ND	
	5.0	1,2-Dichloroethane	ND	
	5.0	Trichloroethene	ND	
	5.0	1,2-Dichloropropane	ND	
	5.0	Bromodichloromethane	ND	
	5.0	Dibromomethane	ND	
	5.0	2-Chloroethylvinyl ether	ND	
	5.0	trans-1,3-Dichloropropene	ND	
	5.0	cis-1,3-Dichloropropene	ND	
	5.0	1,1,2-Trichloroethane	ND	
	5.0	Tetrachloroethene	ND	
	5.0	Dibromochloromethane	ND	
	5.0	1,2-Dibromoethane	ND	
	5.0	1,1,1,2-Tetrachloroethane	ND	
	5.0	Chlorobenzene	ND	
	5.0	Bromoform	ND	
	5.0	1,1,2,2-Tetrachloroethane	ND	
	5.0	1,2,3-Trichloropropane	ND	
	5.0	Bromobenzene	ND	
	5.0	2-Chlorotoluene	ND	
	5.0	1,3-Dichlorobenzene	ND	
	5.0	1,4-Dichlorobenzene	ND	
	5.0	1,2-Dichlorobenzene	ND	

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone. (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K183-07

Date: 7/07/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

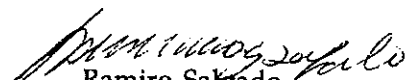
Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99  
Date Started: 7/02/99  
Date Completed: 7/06/99

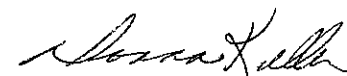
PO#

Date Sampled: 7/02/99  
Time:  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1-6'	K22404	0.5	6010	Cadmium	1.1	mg/Kg
		1.0	6010	Chromium	29	mg/Kg
		5.0	7420	Lead	20	mg/Kg
		2.0	6010	Zinc	37	mg/Kg
		2.0	6010	Nickel	42	mg/Kg
B-1-11'	K22405	0.5	6010	Cadmium	0.8	mg/Kg
		1.0	6010	Chromium	23	mg/Kg
		5.0	7420	Lead	22	mg/Kg
		2.0	6010	Zinc	32	mg/Kg
		2.0	6010	Nickel	30	mg/Kg
B-2-4'	K22406	0.5	6010	Cadmium	1.5	mg/Kg
		1.0	6010	Chromium	30	mg/Kg
		5.0	7420	Lead	78	mg/Kg
		2.0	6010	Zinc	115	mg/Kg
		2.0	6010	Nickel	40	mg/Kg
B-2-11'	K22407	0.5	6010	Cadmium	0.9	mg/Kg
		1.0	6010	Chromium	20	mg/Kg
		5.0	7420	Lead	22	mg/Kg
		2.0	6010	Zinc	35	mg/Kg
		2.0	6010	Nickel	32	mg/Kg
B-3-4'	K22408	0.5	6010	Cadmium	1.4	mg/Kg
		1.0	6010	Chromium	33	mg/Kg
		5.0	7420	Lead	54	mg/Kg
		2.0	6010	Zinc	75	mg/Kg
		2.0	6010	Nickel	45	mg/Kg
B-3-11'	K22409	0.5	6010	Cadmium	1.6	mg/Kg
		1.0	6010	Chromium	30	mg/Kg
		5.0	7420	Lead	15	mg/Kg
		2.0	6010	Zinc	50	mg/Kg
		2.0	6010	Nickel	47	mg/Kg

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

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## CERTIFICATE OF ANALYSIS

Report # K183-07

Date: 7/07/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99

Date Started: 7/02/99

Date Completed: 7/06/99

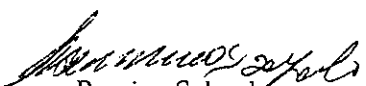
PO#

Date Sampled: 7/02/99

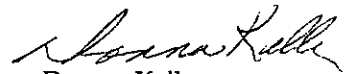
Time:

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-4-4'	K22410	0.5	6010	Cadmium	1.5	mg/Kg
		1.0	6010	Chromium	32	mg/Kg
		5.0	7420	Lead	50	mg/Kg
		2.0	6010	Zinc	120	mg/Kg
		2.0	6010	Nickel	41	mg/Kg
B-4-11'	K22411	0.5	6010	Cadmium	1.3	mg/Kg
		1.0	6010	Chromium	30	mg/Kg
		5.0	7420	Lead	12	mg/Kg
		2.0	6010	Zinc	50	mg/Kg
		2.0	6010	Nickel	55	mg/Kg
B-5-6'	K22412	0.5	6010	Cadmium	1.8	mg/Kg
		1.0	6010	Chromium	24	mg/Kg
		5.0	7420	Lead	9	mg/Kg
		2.0	6010	Zinc	25	mg/Kg
		2.0	6010	Nickel	32	mg/Kg
B-5-11'	K22413	0.5	6010	Cadmium	0.9	mg/Kg
		1.0	6010	Chromium	25	mg/Kg
		5.0	7420	Lead	10	mg/Kg
		2.0	6010	Zinc	42	mg/Kg
		2.0	6010	Nickel	37	mg/Kg
B-5-16'	K22414	0.5	6010	Cadmium	1.6	mg/Kg
		1.0	6010	Chromium	36	mg/Kg
		5.0	7420	Lead	8	mg/Kg
		2.0	6010	Zinc	50	mg/Kg
		2.0	6010	Nickel	45	mg/Kg

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

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## CERTIFICATE OF ANALYSIS

TEPH

Report # K183-07

Date: 7/08/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99

Date Started: 7/07/99

Date Completed: 7/07/99

PO#

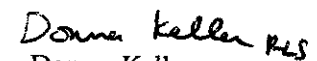
Date Sampled: 7/02/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K33669	0.05	3510 LUFT	Diesel	ND	mg/L
B-2	K33670	0.05	3510 LUFT	Diesel	ND	mg/L

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

Report # K183-07

Date: 7/09/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward

PO#

Date Rec'd: 7/02/99  
Date Started: 7/08/99  
Date Completed: 7/08/99


Date Sampled: 7/02/99  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K33669	0.3	602	Benzene	ND	µg/L
		0.3	8020	Toluene	ND	µg/L
		0.3	8020	Ethyl Benzene	ND	µg/L
		0.6	8020	Total Xylenes	ND	µg/L
		1.0	8020	Methyl tert-Butyl Ether (MTBE)	ND	µg/L
		0.05	5030 Luft	Gasoline	ND	mg/L
B-2	K33670	0.3	602	Benzene	ND	µg/L
		0.3		Toluene	ND	µg/L
		0.3		Ethyl Benzene	ND	µg/L
		0.6		Total Xylenes	ND	µg/L
		1.0		Methyl tert-Butyl Ether (MTBE)	ND	µg/L
		0.05	5030 Luft	Gasoline	ND	mg/L



Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director



# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

Report # K183-07

Total Recoverable Petroleum Hydrocarbons

Date: 7/08/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99

Date Started: 7/06/99

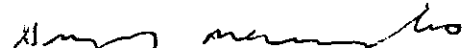
Date Completed: 7/07/99

PO#


Date Sampled: 7/02/99

Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K33669	5	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/L
B-2	K33670	5	418.1	Total Recoverable Petroleum Hydrocarbons	ND	mg/L

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

## CERTIFICATE OF ANALYSIS

Report # K183-07

601

Date: 7/08/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99

Date Started: 7/07/99

Date Completed: 7/07/99

PO#

Date Sampled: 7/02/99

Time:

Sampler: Chris Winn

Sample ID: B-1

Lab ID: K33669

Method	MDL	Analyte	Results	Units
601	1.0	Dichlorodifluoromethane	ND	µg/L
	1.0	Chloromethane	ND	
	1.0	Vinyl Chloride	ND	
	1.0	Bromomethane	ND	
	1.0	Chloroethane	ND	
	1.0	Trichlorofluoromethane	ND	
	1.0	1,1-Dichloroethene	ND	
	1.0	Methylene Chloride	ND	
	1.0	trans-1,2-Dichloroethene	ND	
	1.0	1,1-Dichloroethane	ND	
	1.0	Chloroform	ND	
	1.0	1,1,1-Trichloroethane	ND	
	1.0	Carbon Tetrachloride	ND	
	1.0	1,2-Dichloroethane	ND	
	1.0	Trichloroethene	ND	
	1.0	1,2-Dichloropropane	ND	
	1.0	Bromodichloromethane	ND	
	1.0	2-Chloro ethyl vinyl ether	ND	
	1.0	cis-1,3-Dichloropropene	ND	
	1.0	trans-1,3-Dichloropropene	ND	
	1.0	1,1,2-Trichloroethane	ND	
	1.0	Tetrachloroethene	ND	
	1.0	Dibromochloromethane	ND	
	1.0	Chlorobenzene	ND	
	1.0	Bromoform	ND	
	1.0	1,1,2,2-Tetrachloroethane	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	
	1.0	1,2-Dichlorobenzene	ND	
	1.0	1,2,3-Trichloropropane	ND	
	1.0	Bromobenzene	ND	
	1.0	2-Chlorotoluene	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	
			ND	



Sylvia Krenn  
Chemist

Certification # 1157

*Donna Keller*  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

Report # K183-07

601

Date: 7/08/99

TerraSearch Inc.  
11840 Dublin Blvd.  
Dublin CA 94568

Project: E7618.001, Olympic Ave. Hayward


Date Rec'd: 7/02/99  
Date Started: 7/07/99  
Date Completed: 7/07/99

PO#


Date Sampled: 7/02/99  
Time:  
Sampler: Chris Winn

Sample ID: B-2  
Lab ID: K33670

Method	MDL	Analyte	Results	Units
601	1.0	Dichlorodifluoromethane	ND	µg/L
	1.0	Chloromethane	ND	
	1.0	Vinyl Chloride	ND	
	1.0	Bromomethane	ND	
	1.0	Chloroethane	ND	
	1.0	Trichlorofluoromethane	ND	
	1.0	1,1-Dichloroethene	ND	
	1.0	Methylene Chloride	ND	
	1.0	trans-1,2-Dichloroethene	ND	
	1.0	1,1-Dichloroethane	ND	
	1.0	Chloroform	ND	
	1.0	1,1,1-Trichloroethane	ND	
	1.0	Carbon Tetrachloride	ND	
	1.0	1,2-Dichloroethane	ND	
	1.0	Trichloroethene	ND	
	1.0	1,2-Dichloropropane	ND	
	1.0	Bromodichloromethane	ND	
	1.0	2-Chloro ethyl vinyl ether	ND	
	1.0	cis-1,3-Dichloropropene	ND	
	1.0	trans-1,3-Dichloropropene	ND	
	1.0	1,1,2-Trichloroethane	ND	
	1.0	Tetrachloroethene	ND	
	1.0	Dibromochloromethane	ND	
	1.0	Chlorobenzene	ND	
	1.0	Bromoform	ND	
	1.0	1,1,2,2-Tetrachloroethane	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	
	1.0	1,2-Dichlorobenzene	ND	
	1.0	1,2,3-Trichloropropane	ND	
	1.0	Bromobenzene	ND	
	1.0	2-Chlorotoluene	ND	
	1.0	1,3-Dichlorobenzene	ND	
	1.0	1,4-Dichlorobenzene	ND	

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
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Date: 7/07/99

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Dublin CA 94568

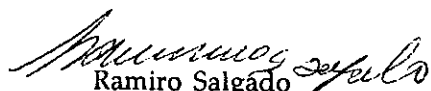
Project: E7618.001, Olympic Ave. Hayward

Date Rec'd: 7/02/99  
Date Started: 7/02/99  
Date Completed: 7/06/99

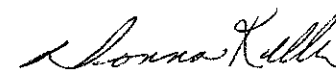
PO#

Date Sampled: 7/02/99  
Time:  
Sampler: Chris Winn

Sample ID	Lab ID	MDL	Method	Analyte	Results	Units
B-1	K33669	0.001	7131	Cadmium	ND	mg/L
		0.01	7191	Chromium	0.02	mg/L
		0.01	239.2	Lead	ND	mg/L
		0.05	6010	Zinc	ND	mg/L
		0.05	6010	Nickel	ND	mg/L
B-2	K33670	0.001	7131	Cadmium	ND	mg/L
		0.01	7191	Chromium	ND	mg/L
		0.01	239.2	Lead	ND	mg/L
		0.05	6010	Zinc	ND	mg/L
		0.05	6010	Nickel	ND	mg/L

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07


## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin CA 94568

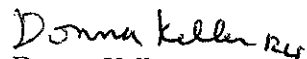
Dates Analyzed 7/9/99-7/13/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Benzene	V00312	8020	90.6	90.2	0.4	ND
Toluene			88.6	88.0	0.7	ND
Ethyl Benzene			89.6	88.5	1.3	ND
Methyl tert -Butyl Ether			92.6	97.4	5.1	ND
Gasoline		5030 Luft	97.7	95.4	2.4	ND

Comments:

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

Fax (209) 572-0916

Report# K183-07

## QC REPORT


TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568


Dates Analyzed 7/7/99-7/8/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Benzene	V00308	602	102.6	98.2	4.3	ND
Toluene			100.5	97.0	3.6	ND
Ethyl Benzene			101.3	98.4	2.9	ND
Methyl tert -Butyl Ether			97.9	92.6	5.5	ND
Gasoline		5030 Luft	100.6	101.2	0.6	ND

Comments:

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 7/6/99

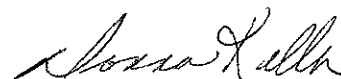
Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Benzene	V00304	602	84.8	85.0	0.2	ND
Toluene			83.7	83.4	0.4	ND
Ethyl Benzene			91.0	91.7	0.7	ND
Methyl tert -Butyl Ether			86.4	91.7	5.9	ND
Gasoline		5030 Luft	95.4	98.6	3.3	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157



Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 7/6/99-7/8/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Diesel	SV00254	3550 LUFT	85.3	98.3	14.2	ND

Comments:

*Gregory Merciadis*  
Gregory Merciadis  
Chemist

Certification # 1157

*Donna Keller* *res*  
Donna Keller  
Laboratory Director



# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

## QC REPORT

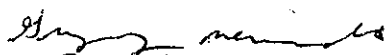
TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

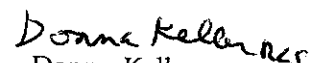
Dates Analyzed 7/7/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Diesel	SV00256	3510 LUFT	100.0	94.0	6.2	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

## QC REPORT

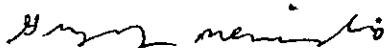
TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

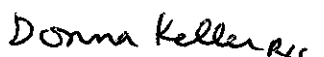
Dates Analyzed 7/6/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Oil	SV00255	418.1	106.0	110.8	4.5	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

## QC REPORT

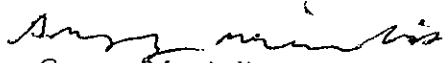
TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

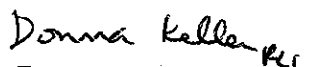
Dates Analyzed 7/6/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Oil	SV00257	418.1	106.1	107.7	1.5	ND

Comments:

  
Gregory Merciadis  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

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Report# K183-07

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 7/6/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
Oil	SV00257	418.1	106.1	107.7	1.5	ND

Comments:

Gregory Merciadis  
Chemist

Certification # 1157

*Donna Keller*  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

Dates Analyzed 7/8/99

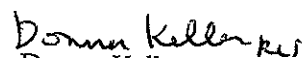
Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
1,1-Dichloroethene	V00313	8010	105.2	112.4	6.6	ND
Trichloroethene			91.2	99.7	8.9	ND
Chlorobenzene			84.3	86.1	2.1	ND

Comments:



Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

## QC REPORT


TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

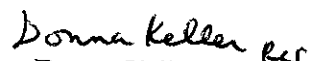
Dates Analyzed 7/7/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
1,1-Dichloroethene	V00311	601	110.9	115.2	3.8	ND
Trichloroethene			106.1	109.0	2.7	ND
Chlorobenzene			93.3	93.3	0.0	ND

Comments:

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

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Report# K183-07

## QC REPORT


TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

CA 94568

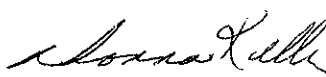
Dates Analyzed 7/6/99

Analyte	Batch #	Method	% Recovery	Duplicate % Recovery	RPD	Blank
1,1-Dichloroethene	V00306	601	117.8	118.8	0.8	ND
Trichloroethene			102.4	103.0	0.6	ND
Chlorobenzene			89.8	91.6	1.9	ND

Comments:

  
Sylvia Krenn  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351

Phone (209) 572-0900

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Report# K183-07

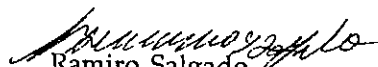
## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin


CA 94568

Dates Analyzed 7/6/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Cadmium	I02043	6010	98.0	98.0	0.0	ND
Chromium	I02039	6010	94.1	92.2	2.1	ND
Lead	I01971	7421	108.8	110.0	1.1	ND
Zinc	I02044	6010	96.0	98.0	2.1	ND
Nickel	I02041	6010	100.0	98.0	2.0	ND

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director



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Report# K183-07

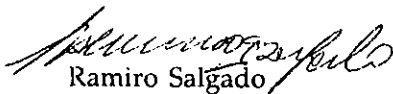
## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

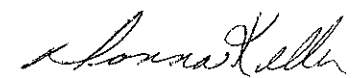
CA 94568

Dates Analyzed 7/6/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Cadmium	I02043	6010	98.0	98.0	0.0	ND
Chromium	I02039	6010	94.1	92.2	2.1	ND
Lead	I02071	7420	103.0	101.0	2.0	ND
Zinc	I02044	6010	96.0	98.0	2.1	ND
Nickel	I02041	6010	100.0	98.0	2.0	ND

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

# GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue Modesto, CA 95351 Phone (209) 572-0900 Fax (209) 572-0916

Report# K183-07

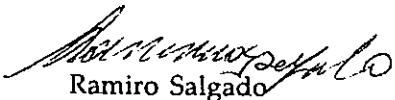
## QC REPORT

TerraSearch Inc  
11840 Dublin Blvd.  
Dublin

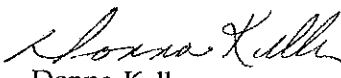
CA 94568

Dates Analyzed 7/6/99

Analyte	Batch #	Method	MS % Recovery	MSD % Recovery	RPD	Blank
Cadmium	I02049	6010	100.0	98.1	1.9	ND
Chromium	I02045	6010	104.1	102.7	1.3	ND
Lead	I02036	7420	102.8	109.0	5.8	ND
Zinc	I02050	6010	104.3	102.6	1.7	ND
Nickel	I02047	6010	104.5	103.2	1.3	ND
Cadmium	I02055	6010	100.0	100.0	0.0	ND
Chromium	I02051	6010	102.3	102.3	0.0	ND
Lead	I02038	7420	101.1	97.8	3.3	ND
Zinc	I02056	6010	102.9	102.9	0.0	ND
Nickel	I02053	6010	103.2	103.2	0.0	ND

  
Ramiro Salgado  
Chemist

Certification # 1157

  
Donna Keller  
Laboratory Director

**APPENDIX F**

**LABORATORY ANALYTICAL REPORTS AND  
CHAIN-OF-CUSTODY FORMS – MARCH 2000**

**ACC Environmental Consultants**

7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn.: M r. Stephen Southern

Project: 00-6073-011.00

Hayward

Dear Mr. Southern,

Attached is our report for your samples received on Monday March 6, 2000  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after April 26, 2000  
unless you have requested otherwise. We appreciate the opportunity to be of service to you.  
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.  
My email address is: [vvancil@chromalab.com](mailto:vvancil@chromalab.com)

Sincerely,



Vincent Vancil

To: ACC Environmental Consultants  
Attn.: Stephen Southern

## CASE NARRATIVE

### General and Sample Comments

We (ChromaLab, Inc.) received 9 Water samples, 12 Soil samples, on Mar 6 2000 6:35PM.

Coolers were received with evidence tape intact. Samples were received in good/cold condition.

### Analysis Comments and Flags by QC Batch

Gas BTEX	Soil	QC Batch#: 2000/03/07.01-02
<b>EB1-10.0/11.0/12.0 COMP &gt;&gt; MS</b> Lab#: 2000/03/07.01-02-004		
Compound Flag(s)		
mso	MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.	
<b>EB1-10.0/11.0/12.0 COMP &gt;&gt; MSD</b> Lab#: 2000/03/07.01-02-005		
rpd	Analyte RPD was out of QC limits due to sample heterogeneity.	
mso	MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.	
PCBs	Soil	QC Batch#: 2000/03/07.02-14
<b>EB4-4.0/7.0/8.0 COMP &gt;&gt; MS</b> Lab#: 2000/03/07.02-14-004		
mso	MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.	
<b>EB4-4.0/7.0/8.0 COMP &gt;&gt; MSD</b> Lab#: 2000/03/07.02-14-005		
mso	MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.	
Diesel with Silica Gel clean-up	Soil	QC Batch#: 2000/03/07.03-10
<b>EB1-5.0/6.0/7.0/8.0 COMP</b> Lab#: 2000-03-0095-001		
ldr	Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard	
<b>EB1-10.0/11.0/12.0 COMP</b> Lab#: 2000-03-0095-002		
ldr	Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard	
<b>EB2-5.0/6.0/7.0/8.0 COMP</b> Lab#: 2000-03-0095-004		
ldr	Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard	
<b>EB2-9.0/10.0/11.0/12.0 COMP</b> Lab#: 2000-03-0095-005		
ndp	Hydrocarbon reported does not match the pattern of our Diesel standard	
<b>EB3-5.0/6.0/7.0/8.0 COMP</b> Lab#: 2000-03-0095-007		
ldr	Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard	
<b>EB3-10.0/11.0/12.0 COMP</b> Lab#: 2000-03-0095-008		
ldr	Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard	

To: ACC Environmental Consultants

Attn.: Stephen Southern

## CASE NARRATIVE

### Analysis Comments and Flags by QC Batch

**EB4-4.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-010

## Compound Flag(s)

ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

**EB5-5.0/6.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-012

ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

**EB6-5.0/6.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-014

ndp Hydrocarbon reported does not match the pattern of our Diesel standard

**EB7-5.0/6.0/7.0/8.0/9.0 COMP**

Lab#: 2000-03-0095-017

ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

**EB8-5.0/6.0/7.0/8.0/9.0 COMP**

Lab#: 2000-03-0095-019

ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

Diesel with Silica Gel clean-up

Water

QC Batch#: 2000/03/07.02-10

**EB1-W**

Lab#: 2000-03-0095-003

nhc Compounds reported are in this range but they do not exhibit a pattern characteristic of petroleum hydrocarbon.

**EB2-W**

Lab#: 2000-03-0095-006

ndp Hydrocarbon reported does not match the pattern of our Diesel standard

**EB5-W**

Lab#: 2000-03-0095-013

ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

**EB6-W**

Lab#: 2000-03-0095-016

ndp Hydrocarbon reported does not match the pattern of our Diesel standard

**EB7-W**

Lab#: 2000-03-0095-018

ndp Hydrocarbon reported does not match the pattern of our Diesel standard

Gas BTEX

Soil

QC Batch#: 2000/03/07.01-02

**EB2-5.0/6.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-004

sl Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

**EB7-5.0/6.0/7.0/8.0/9.0 COMP**

Lab#: 2000-03-0095-017

sl Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

Gas BTEX

Soil

QC Batch#: 2000/03/08.01-04

**EB1-5.0/6.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-001

sl Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

To: ACC Environmental Consultants

Attn.: Stephen Southern

## CASE NARRATIVE

### Analysis Comments and Flags by QC Batch

**EB2-9.0/10.0/11.0/12.0 COMP**

Lab#: 2000-03-0095-005

Compound Flag(s)

g Hydrocarbon reported in the gasoline range does not match our gasoline standard.

PCBs	Water	QC Batch#: 2000/03/07.01-14
------	-------	-----------------------------

**EB1-W**

Lab#: 2000-03-0095-003

s One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Semi-volatile analysis by GC/MS	Soil	QC Batch#: 2000/03/07.02-11
---------------------------------	------	-----------------------------

**EB3-5.0/6.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-007

Analysis Flag(s)

ln Reporting limits raised due to high level of non-target analyte materials.

**EB6-5.0/6.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-014

ln Reporting limits raised due to high level of non-target analyte materials.

**EB7-5.0/6.0/7.0/8.0/9.0 COMP**

Lab#: 2000-03-0095-017

ln Reporting limits raised due to high level of non-target analyte materials.

**EB8-5.0/6.0/7.0/8.0/9.0 COMP**

Lab#: 2000-03-0095-019

ln Reporting limits raised due to high level of non-target analyte materials.

Semi-volatile analysis by GC/MS	Water	QC Batch#: 2000/03/07.01-11
---------------------------------	-------	-----------------------------

**EB1-W**

Lab#: 2000-03-0095-003

rl Reporting limits raised due to reduced sample size.

**EB2-W**

Lab#: 2000-03-0095-006

rl Reporting limits raised due to reduced sample size.

**EB3-W**

Lab#: 2000-03-0095-009

rl Reporting limits raised due to reduced sample size.

**EB4-W**

Lab#: 2000-03-0095-011

rl Reporting limits raised due to reduced sample size.

**EB5-W**

Lab#: 2000-03-0095-013

rl Reporting limits raised due to reduced sample size.

**EB6-W**

Lab#: 2000-03-0095-016

rl Reporting limits raised due to reduced sample size.

**EB7-W**

Lab#: 2000-03-0095-018

rl Reporting limits raised due to reduced sample size.

**EB8-W**

Lab#: 2000-03-0095-020

To: ACC Environmental Consultants

Attn.: Stephen Southern

## CASE NARRATIVE

Analysis Flag(s)

ri Reporting limits raised due to reduced sample size.

Volatile Organics by GC/MS - EPA8260A	Soil	QC Batch#: 2000/03/07.01-09
---------------------------------------	------	-----------------------------

**EB1-5.0/6.0/7.0/8.0 COMP**

Lab#: 2000-03-0095-001

Compound Flag(s)

sh Surrogate recoveries were higher than QC limits due to matrix interference.



## PCBs

**ACC Environmental Consultants**☒ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

**Samples Reported**

Sample ID	Matrix	Date Sampled	Lab #
EB1-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	1
EB1-10.0/11.0/12.0 COMP	Soil	03/06/2000	2
EB1-W	Water	03/06/2000 10:30	3
EB2-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	4
EB2-9.0/10.0/11.0/12.0 COMP	Soil	03/06/2000	5
EB2-W	Water	03/06/2000 11:20	6
EB3-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	7
EB3-10.0/11.0/12.0 COMP	Soil	03/06/2000	8
EB3-W	Water	03/06/2000 11:20	9
EB4-4.0/7.0/8.0 COMP	Soil	03/06/2000	10
EB4-W	Water	03/06/2000 14:15	11
EB5-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	12
EB5-W	Water	03/06/2000 14:30	13
EB6-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	14
EB6-W	Water	03/06/2000 15:05	16
EB7-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	17
EB7-W	Water	03/06/2000 15:50	18
EB8-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	19
EB8-W	Water	03/06/2000 16:45	20

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8080A  
Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/08/2000 06:26	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/08/2000 06:26	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/08/2000 06:26	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/08/2000 06:26	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/08/2000 06:26	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/08/2000 06:26	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/08/2000 06:26	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	74.1	50-125	%	1.00	03/08/2000 06:26	
Decachlorobiphenyl	75.4	46-142	%	1.00	03/08/2000 06:26	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080

3550/8080A

PCBs

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/08/2000 05:48	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/08/2000 05:48	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/08/2000 05:48	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/08/2000 05:48	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/08/2000 05:48	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/08/2000 05:48	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/08/2000 05:48	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	84.5	50-125	%	1.00	03/08/2000 05:48	
Decachlorobiphenyl	80.0	46-142	%	1.00	03/08/2000 05:48	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080

3550/8080A

PCBs

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	03/07/2000 19:48	
Aroclor 1221	ND	0.50	ug/L	1.00	03/07/2000 19:48	
Aroclor 1232	ND	0.50	ug/L	1.00	03/07/2000 19:48	
Aroclor 1242	ND	0.50	ug/L	1.00	03/07/2000 19:48	
Aroclor 1248	ND	0.50	ug/L	1.00	03/07/2000 19:48	
Aroclor 1254	ND	0.50	ug/L	1.00	03/07/2000 19:48	
Aroclor 1260	ND	0.50	ug/L	1.00	03/07/2000 19:48	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	75.4	62-123	%	1.00	03/07/2000 19:48	
Decachlorobiphenyl	39.6	56-136	%	1.00	03/07/2000 19:48	s

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8080A

Attn.: Stephen Southern

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-004
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/08/2000 05:11	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/08/2000 05:11	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/08/2000 05:11	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/08/2000 05:11	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/08/2000 05:11	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/08/2000 05:11	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/08/2000 05:11	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	80.9	50-125	%	1.00	03/08/2000 05:11	
Decachlorobiphenyl	97.5	46-142	%	1.00	03/08/2000 05:11	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: <b>EB2-9.0/10.0/11.0/12.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-005</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/07/2000 19:34	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/07/2000 19:34	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/07/2000 19:34	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/07/2000 19:34	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/07/2000 19:34	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/07/2000 19:34	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/07/2000 19:34	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	118.0	50-125	%	1.00	03/07/2000 19:34	
Decachlorobiphenyl	105.3	46-142	%	1.00	03/07/2000 19:34	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**  
Attn.: Stephen Southern

Test Method: 8080A  
Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: <b>EB2-W</b>	Lab Sample ID: <b>2000-03-0095-006</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	03/07/2000 20:26	
Aroclor 1221	ND	0.50	ug/L	1.00	03/07/2000 20:26	
Aroclor 1232	ND	0.50	ug/L	1.00	03/07/2000 20:26	
Aroclor 1242	ND	0.50	ug/L	1.00	03/07/2000 20:26	
Aroclor 1248	ND	0.50	ug/L	1.00	03/07/2000 20:26	
Aroclor 1254	ND	0.50	ug/L	1.00	03/07/2000 20:26	
Aroclor 1260	ND	0.50	ug/L	1.00	03/07/2000 20:26	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	86.3	62-123	%	1.00	03/07/2000 20:26	
Decachlorobiphenyl	60.2	56-136	%	1.00	03/07/2000 20:26	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: <b>EB3-5.0/6.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-007</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/08/2000 07:41	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/08/2000 07:41	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/08/2000 07:41	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/08/2000 07:41	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/08/2000 07:41	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/08/2000 07:41	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/08/2000 07:41	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	77.8	50-125	%	1.00	03/08/2000 07:41	
Decachlorobiphenyl	79.6	46-142	%	1.00	03/08/2000 07:41	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: <b>EB3-10.0/11.0/12.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-008</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/08/2000 07:03	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/08/2000 07:03	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/08/2000 07:03	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/08/2000 07:03	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/08/2000 07:03	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/08/2000 07:03	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/08/2000 07:03	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	70.4	50-125	%	1.00	03/08/2000 07:03	
Decachlorobiphenyl	48.1	46-142	%	1.00	03/08/2000 07:03	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.50	ug/L	1.00	03/07/2000 21:03	
Aroclor 1221	ND	0.50	ug/L	1.00	03/07/2000 21:03	
Aroclor 1232	ND	0.50	ug/L	1.00	03/07/2000 21:03	
Aroclor 1242	ND	0.50	ug/L	1.00	03/07/2000 21:03	
Aroclor 1248	ND	0.50	ug/L	1.00	03/07/2000 21:03	
Aroclor 1254	ND	0.50	ug/L	1.00	03/07/2000 21:03	
Aroclor 1260	ND	0.50	ug/L	1.00	03/07/2000 21:03	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	75.5	62-123	%	1.00	03/07/2000 21:03	
Decachlorobiphenyl	57.8	56-136	%	1.00	03/07/2000 21:03	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: <b>EB4-4.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-010</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/07/2000 21:21	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/07/2000 21:21	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/07/2000 21:21	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/07/2000 21:21	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/07/2000 21:21	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/07/2000 21:21	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/07/2000 21:21	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	99.9	50-125	%	1.00	03/07/2000 21:21	
Decachlorobiphenyl	99.7	46-142	%	1.00	03/07/2000 21:21	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB4-W	Lab Sample ID: 2000-03-0095-011
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14
Sample/Analysis Flag r/l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.63	ug/L	1.25	03/07/2000 21:41	
Aroclor 1221	ND	0.63	ug/L	1.25	03/07/2000 21:41	
Aroclor 1232	ND	0.63	ug/L	1.25	03/07/2000 21:41	
Aroclor 1242	ND	0.63	ug/L	1.25	03/07/2000 21:41	
Aroclor 1248	ND	0.63	ug/L	1.25	03/07/2000 21:41	
Aroclor 1254	ND	0.63	ug/L	1.25	03/07/2000 21:41	
Aroclor 1260	ND	0.63	ug/L	1.25	03/07/2000 21:41	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	106.4	62-123	%	1.25	03/07/2000 21:41	
Decachlorobiphenyl	69.2	56-136	%	1.25	03/07/2000 21:41	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB5-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-012
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/07/2000 18:58	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/07/2000 18:58	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/07/2000 18:58	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/07/2000 18:58	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/07/2000 18:58	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/07/2000 18:58	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/07/2000 18:58	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	98.2	50-125	%	1.00	03/07/2000 18:58	
Decachlorobiphenyl	95.5	46-142	%	1.00	03/07/2000 18:58	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: <b>EB5-W</b>	Lab Sample ID: <b>2000-03-0095-013</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.69	ug/L	1.39	03/07/2000 22:19	
Aroclor 1221	ND	0.69	ug/L	1.39	03/07/2000 22:19	
Aroclor 1232	ND	0.69	ug/L	1.39	03/07/2000 22:19	
Aroclor 1242	ND	0.69	ug/L	1.39	03/07/2000 22:19	
Aroclor 1248	ND	0.69	ug/L	1.39	03/07/2000 22:19	
Aroclor 1254	ND	0.69	ug/L	1.39	03/07/2000 22:19	
Aroclor 1260	ND	0.69	ug/L	1.39	03/07/2000 22:19	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	109.2	62-123	%	1.39	03/07/2000 22:19	
Decachlorobiphenyl	82.8	56-136	%	1.39	03/07/2000 22:19	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/07/2000 20:45	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/07/2000 20:45	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/07/2000 20:45	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/07/2000 20:45	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/07/2000 20:45	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/07/2000 20:45	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/07/2000 20:45	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	86.0	50-125	%	1.00	03/07/2000 20:45	
Decachlorobiphenyl	87.7	46-142	%	1.00	03/07/2000 20:45	

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Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: <b>EB6-W</b>	Lab Sample ID: <b>2000-03-0095-016</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.70	ug/L	1.41	03/07/2000 22:56	
Aroclor 1221	ND	0.70	ug/L	1.41	03/07/2000 22:56	
Aroclor 1232	ND	0.70	ug/L	1.41	03/07/2000 22:56	
Aroclor 1242	ND	0.70	ug/L	1.41	03/07/2000 22:56	
Aroclor 1248	ND	0.70	ug/L	1.41	03/07/2000 22:56	
Aroclor 1254	ND	0.70	ug/L	1.41	03/07/2000 22:56	
Aroclor 1260	ND	0.70	ug/L	1.41	03/07/2000 22:56	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	99.2	62-123	%	1.41	03/07/2000 22:56	
Decachlorobiphenyl	79.1	56-136	%	1.41	03/07/2000 22:56	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/07/2000 21:56	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/07/2000 21:56	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/07/2000 21:56	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/07/2000 21:56	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/07/2000 21:56	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/07/2000 21:56	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/07/2000 21:56	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	124.6	50-125	%	1.00	03/07/2000 21:56	
Decachlorobiphenyl	116.6	46-142	%	1.00	03/07/2000 21:56	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8080A

Attn.: Stephen Southern

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB7-W	Lab Sample ID: 2000-03-0095-018
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.63	ug/L	1.25	03/07/2000 23:34	
Aroclor 1221	ND	0.63	ug/L	1.25	03/07/2000 23:34	
Aroclor 1232	ND	0.63	ug/L	1.25	03/07/2000 23:34	
Aroclor 1242	ND	0.63	ug/L	1.25	03/07/2000 23:34	
Aroclor 1248	ND	0.63	ug/L	1.25	03/07/2000 23:34	
Aroclor 1254	ND	0.63	ug/L	1.25	03/07/2000 23:34	
Aroclor 1260	ND	0.63	ug/L	1.25	03/07/2000 23:34	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	98.6	62-123	%	1.25	03/07/2000 23:34	
Decachlorobiphenyl	59.1	56-136	%	1.25	03/07/2000 23:34	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8080A  
Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:13
Matrix: Soil	QC-Batch: 2000/03/07-02.14

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.050	mg/Kg	1.00	03/07/2000 20:09	
Aroclor 1221	ND	0.050	mg/Kg	1.00	03/07/2000 20:09	
Aroclor 1232	ND	0.050	mg/Kg	1.00	03/07/2000 20:09	
Aroclor 1242	ND	0.050	mg/Kg	1.00	03/07/2000 20:09	
Aroclor 1248	ND	0.050	mg/Kg	1.00	03/07/2000 20:09	
Aroclor 1254	ND	0.050	mg/Kg	1.00	03/07/2000 20:09	
Aroclor 1260	ND	0.050	mg/Kg	1.00	03/07/2000 20:09	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	99.9	50-125	%	1.00	03/07/2000 20:09	
Decachlorobiphenyl	103.0	46-142	%	1.00	03/07/2000 20:09	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

PCBs

Sample ID: EB8-W	Lab Sample ID: 2000-03-0095-020
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 08:41
Matrix: Water	QC-Batch: 2000/03/07-01.14
Sample/Analysis Flag r l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.62	ug/L	1.23	03/08/2000 00:11	
Aroclor 1221	ND	0.62	ug/L	1.23	03/08/2000 00:11	
Aroclor 1232	ND	0.62	ug/L	1.23	03/08/2000 00:11	
Aroclor 1242	ND	0.62	ug/L	1.23	03/08/2000 00:11	
Aroclor 1248	ND	0.62	ug/L	1.23	03/08/2000 00:11	
Aroclor 1254	ND	0.62	ug/L	1.23	03/08/2000 00:11	
Aroclor 1260	ND	0.62	ug/L	1.23	03/08/2000 00:11	
<b>Surrogate(s)</b>						
2,4,5,6-Tetrachloro-m-xylene	88.3	62-123	%	1.23	03/08/2000 00:11	
Decachlorobiphenyl	69.7	56-136	%	1.23	03/08/2000 00:11	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

## Batch QC Report PCBs

<b>Method Blank</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.14</b>
MB: 2000/03/07-01.14-001		Date Extracted: 03/07/2000 08:41

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Aroclor 1016	ND	0.5	ug/L	03/07/2000 17:56	
Aroclor 1221	ND	0.5	ug/L	03/07/2000 17:56	
Aroclor 1232	ND	0.5	ug/L	03/07/2000 17:56	
Aroclor 1242	ND	0.5	ug/L	03/07/2000 17:56	
Aroclor 1248	ND	0.5	ug/L	03/07/2000 17:56	
Aroclor 1254	ND	0.5	ug/L	03/07/2000 17:56	
Aroclor 1260	ND	0.5	ug/L	03/07/2000 17:56	
<b>Surrogate(s)</b>					
2,4,5,6-Tetrachloro-m-xylene	103.6	62-123	%	03/07/2000 17:56	
Decachlorobiphenyl	112.6	56-136	%	03/07/2000 17:56	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

## Batch QC Report PCBs

Method Blank

Soil

QC Batch # 2000/03/07-02.14

MB: 2000/03/07-02.14-001

Date Extracted: 03/07/2000 11:13

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Aroclor 1016	ND	0.05	mg/Kg	03/08/2000 02:03	
Aroclor 1221	ND	0.05	mg/Kg	03/08/2000 02:03	
Aroclor 1232	ND	0.05	mg/Kg	03/08/2000 02:03	
Aroclor 1242	ND	0.05	mg/Kg	03/08/2000 02:03	
Aroclor 1248	ND	0.05	mg/Kg	03/08/2000 02:03	
Aroclor 1254	ND	0.05	mg/Kg	03/08/2000 02:03	
Aroclor 1260	ND	0.05	mg/Kg	03/08/2000 02:03	
<b>Surrogate(s)</b>					
2,4,5,6-Tetrachloro-m-xylene	89.2	50-125	%	03/08/2000 02:03	
Decachlorobiphenyl	88.6	46-142	%	03/08/2000 02:03	

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Printed on: 03/08/2000 15:18

Page 22 of 26

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8080A

Attn: Stephen Southern

Prep Method: 3510/8080  
3550/8080A

## Batch QC Report

PCBs

### Laboratory Control Spike (LCS/LCSD)

Water

QC Batch # 2000/03/07-01.14

LCS: 2000/03/07-01.14-002

Extracted: 03/07/2000 08:41

Analyzed 03/07/2000 17:56

LCSD: 2000/03/07-01.14-003

Extracted: 03/07/2000 08:41

Analyzed 03/07/2000 19:11

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Aroclor 1016	2.17	2.12	2.00	2.00	108.5	106.0	2.3	65-135	30		
Aroclor 1260	2.29	2.35	2.00	2.00	114.5	117.5	2.6	65-135	30		
<b>Surrogate(s)</b>											
2,4,5,6-Tetrachloro-m-xyI	49.7	46.1	50	50	99.4	92.2		62-123			
Decachlorobiphenyl	52.4	51.3	50	50	104.8	102.6		56-136			

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

To: ACC Environmental Consultants

Test Method: 8080A

Attn: Stephen Southern

Prep Method: 3510/8080  
3550/8080A

## Batch QC Report

PCBs

Laboratory Control Spike (LCS/LCSD)		Soil	QC Batch # 2000/03/07-02.14	
LCS:	2000/03/07-02.14-002	Extracted:	03/07/2000 11:13	Analyzed 03/08/2000 02:41
LCSD:	2000/03/07-02.14-003	Extracted:	03/07/2000 11:13	Analyzed 03/08/2000 03:18

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Aroclor 1016	0.0614	0.0662	0.0667	0.0667	92.1	99.3	7.5	65-135	30		
Aroclor 1260	0.0707	0.0696	0.0667	0.0667	106.0	104.3	1.6	65-135	30		
<b>Surrogate(s)</b>											
2,4,5,6-Tetrachloro-m-xyI	37.5	41.9	50	50	75.0	83.8		50-125			
Decachlorobiphenyl	46.6	46.3	50	50	93.2	92.6		46-142			



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8080A

Attn.: Stephen Southern

Prep Method: 3510/8080  
3550/8080A

## Batch QC Report

PCBs

Matrix Spike ( MS / MSD )

Soil

QC Batch # 2000/03/07-02.14

Sample ID: EB4-4.0/7.0/8.0 COMP

Lab Sample ID: 2000-03-0095-010

MS: 2000/03/07-02.14-004 Extracted: 01/01/2000 Analyzed: 01/01/2000 Dilution: 1.0

MSD: 2000/03/07-02.14-005 Extracted: 03/07/2000 11:13 Analyzed: 03/08/2000 04:33 Dilution: 1.0

Compound	Conc. [ mg/Kg ]			Exp. Conc. [ mg/Kg ]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Aroclor 1016	0.0640	0.0660	ND	0.0665	0.0662	96.2	99.7	3.6	65-135	30		
Aroclor 1260	0.121	0.109	ND	0.0665	0.0662	182.0	164.7	10.0	65-135	30	mso	
<b>Surrogate(s)</b>												
2,4,5,6-Tetrachloro-m-xy	36.7	41.3		50	50	73.4	82.6		50-125			mso
Decachlorobiphenyl	41.4	43.3		50	50	82.8	86.6		46-142			

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To: ACC Environmental Consultants

Attn: Stephen Southern

Test Method: 8080A

Prep Method: 3510/8080  
3550/8080A

## Legend & Notes

PCBs

### QC Compound Flags

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

### Analysis Flags

rl

Reporting limits raised due to reduced sample size.

### Analyte Flags

s

One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

## Halogenated Volatile Organic Compounds

<b>ACC Environmental Consultants</b>	☒ 7977 Capwell Drive, Suite 100 Oakland, CA 94621
Attn: Stephen Southern	Phone: (510) 638-8400 Fax: (510) 638-8404
Project #: 00-6073-011.00	Project: Hayward

### Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
RINSATE	Water	03/06/2000 16:57	21

To: ACC Environmental Consultants

Test Method: 8010

Attn.: Stephen Southern

Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID: RINSATE	Lab Sample ID: 2000-03-0095-021
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:57	Extracted: 03/07/2000 13:45
Matrix: Water	QC-Batch: 2000/03/07-01.25

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	03/07/2000 13:45	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Chloroethane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 13:45	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Chloroform	19	0.50	ug/L	1.00	03/07/2000 13:45	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Bromodichloromethane	5.4	0.50	ug/L	1.00	03/07/2000 13:45	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 13:45	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Dibromochloromethane	1.0	0.50	ug/L	1.00	03/07/2000 13:45	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Bromoform	ND	2.0	ug/L	1.00	03/07/2000 13:45	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 13:45	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	03/07/2000 13:45	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 13:45	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 13:45	
<b>Surrogate(s)</b>						
1-Chloro-2-fluorobenzene	81.3	50-150	%	1.00	03/07/2000 13:45	

To: **ACC Environmental Consultants**  
 Attn.: Stephen Southern

Test Method: 8010  
 Prep Method: 5030

**Batch QC Report**  
 Halogenated Volatile Organic Compounds

<b>Method Blank</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.25</b>
MB: 2000/03/07-01.25-001		Date Extracted: 03/07/2000 09:41

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	03/07/2000 09:41	
Vinyl chloride	ND	0.5	ug/L	03/07/2000 09:41	
Chloroethane	ND	0.5	ug/L	03/07/2000 09:41	
Trichlorofluoromethane	ND	0.5	ug/L	03/07/2000 09:41	
1,1-Dichloroethene	ND	0.5	ug/L	03/07/2000 09:41	
Methylene chloride	ND	5.0	ug/L	03/07/2000 09:41	
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/07/2000 09:41	
cis-1,2-Dichloroethene	ND	0.5	ug/L	03/07/2000 09:41	
1,1-Dichloroethane	ND	0.5	ug/L	03/07/2000 09:41	
Chloroform	ND	0.5	ug/L	03/07/2000 09:41	
1,1,1-Trichloroethane	ND	0.5	ug/L	03/07/2000 09:41	
Carbon tetrachloride	ND	0.5	ug/L	03/07/2000 09:41	
1,2-Dichloroethane	ND	0.5	ug/L	03/07/2000 09:41	
Trichloroethene	ND	0.5	ug/L	03/07/2000 09:41	
1,2-Dichloropropane	ND	0.5	ug/L	03/07/2000 09:41	
Bromodichloromethane	ND	0.5	ug/L	03/07/2000 09:41	
2-Chloroethylvinyl ether	ND	0.5	ug/L	03/07/2000 09:41	
trans-1,3-Dichloropropene	ND	0.5	ug/L	03/07/2000 09:41	
cis-1,3-Dichloropropene	ND	0.5	ug/L	03/07/2000 09:41	
1,1,2-Trichloroethane	ND	0.5	ug/L	03/07/2000 09:41	
Tetrachloroethene	ND	0.5	ug/L	03/07/2000 09:41	
Dibromochloromethane	ND	0.5	ug/L	03/07/2000 09:41	
Chlorobenzene	ND	0.5	ug/L	03/07/2000 09:41	
Bromoform	ND	2.0	ug/L	03/07/2000 09:41	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	03/07/2000 09:41	
1,3-Dichlorobenzene	ND	0.5	ug/L	03/07/2000 09:41	
1,4-Dichlorobenzene	ND	0.5	ug/L	03/07/2000 09:41	
1,2-Dichlorobenzene	ND	0.5	ug/L	03/07/2000 09:41	
Trichlorotrifluoroethane	ND	2.0	ug/L	03/07/2000 09:41	
Chloromethane	ND	1.0	ug/L	03/07/2000 09:41	
Bromomethane	ND	1.0	ug/L	03/07/2000 09:41	
<b>Surrogate(s)</b>					
1-Chloro-2-fluorobenzene	84.0	50-150	%	03/07/2000 09:41	

To: ACC Environmental Consultants

Test Method: 8010

Attn: Stephen Southern

Prep Method: 5030

## Batch QC Report

### Halogenated Volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2000/03/07-01.25	
LCS:	2000/03/07-01.25-002	Extracted:	03/07/2000 10:38	Analyzed	03/07/2000 10:38
LCSD:	2000/03/07-01.25-003	Extracted:	03/07/2000 11:35	Analyzed	03/07/2000 11:35

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]			RPD		Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	RPD [%]	Recovery	RPD	LCS	LCSD		
1,1-Dichloroethene	21.6	19.8	20.0	20.0	108.0	99.0	8.7	50-140	20				
Trichloroethene	20.7	19.6	20.0	20.0	103.5	98.0	5.5	50-150	20				
Chlorobenzene	20.6	19.5	20.0	20.0	103.0	97.5	5.5	50-150	20				
<b>Surrogate(s)</b>													
1-Chloro-2-fluorobenzene	20.0	18.8	20	20	100.0	94.0		50-150					

To: ACC Environmental Consultants

Test Method: 8010

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report

Halogenated Volatile Organic Compounds

Matrix Spike ( MS / MSD )

Water

QC Batch # 2000/03/07-01.25

Sample ID: RINSATE

Lab Sample ID: 2000-03-0095-021

MS: 2000/03/07-01.25-004 Extracted: 03/07/2000 14:41 Analyzed: 03/07/2000 14:41 Dilution: 1.0

MSD: 2000/03/07-01.25-005 Extracted: 03/07/2000 15:38 Analyzed: 03/07/2000 15:38 Dilution: 1.0

Compound	Conc. [ ug/L ]			Exp. Conc. [ ug/L ]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
1,1-Dichloroethene	21.1	21.3	ND	20.0	20.0	105.5	106.5	0.9	50-140	20		
Trichloroethene	20.2	19.9	ND	20.0	20.0	101.0	99.5	1.5	50-150	20		
Chlorobenzene	21.2	21.2	ND	20.0	20.0	106.0	106.0	0.0	50-150	20		
<b>Surrogate(s)</b>												
1-Chloro-2-fluorobenzen	18.0	19.5		20	20	90.0	97.5		50-150			

### Total Oil & Grease

**ACC Environmental Consultants**

✉ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

### Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB1-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	1
EB1-10.0/11.0/12.0 COMP	Soil	03/06/2000	2
EB1-W	Water	03/06/2000 10:30	3
EB2-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	4
EB2-9.0/10.0/11.0/12.0 COMP	Soil	03/06/2000	5
EB2-W	Water	03/06/2000 11:20	6
EB3-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	7
EB3-10.0/11.0/12.0 COMP	Soil	03/06/2000	8
EB3-W	Water	03/06/2000 11:20	9
EB4-4.0/7.0/8.0 COMP	Soil	03/06/2000	10
EB4-W	Water	03/06/2000 14:15	11
EB5-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	12
EB5-W	Water	03/06/2000 14:30	13
EB6-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	14
EB6-W	Water	03/06/2000 15:05	16
EB7-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	17
EB7-W	Water	03/06/2000 15:50	18
EB8-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	19
EB8-W	Water	03/06/2000 16:45	20



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000
Matrix: Soil	QC-Batch: 2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	410	50	mg/Kg	1.00	03/08/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000
Matrix: Soil	QC-Batch: 2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	120	50	mg/Kg	1.00	03/08/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.0	mg/L	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

Total Oil & Grease

Sample ID:	EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-004
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000
Matrix:	Soil	QC-Batch:	2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	760	50	mg/Kg	1.00	03/08/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID:	EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID:	2000-03-0095-005
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000
Matrix:	Soil	QC-Batch:	2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	330	50	mg/Kg	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB2-W	Lab Sample ID: 2000-03-0095-006
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.0	mg/L	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000
Matrix: Soil	QC-Batch: 2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	270	50	mg/Kg	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

Total Oil & Grease

Sample ID: EB3-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-008
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000
Matrix: Soil	QC-Batch: 2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	56	50	mg/Kg	1.00	03/08/2000	



To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

Total Oil & Grease

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.0	mg/L	1.00	03/08/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID:	EB4-4.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-010
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000
Matrix:	Soil	QC-Batch:	2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB4-W	Lab Sample ID: 2000-03-0095-011
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.0	mg/L	1.00	03/08/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

Total Oil & Grease

Sample ID:	EB5-5.0/6.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-012
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000
Matrix:	Soil	QC-Batch:	2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	160	50	mg/Kg	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: <b>EB5-W</b>	Lab Sample ID: <b>2000-03-0095-013</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23
Sample/Analysis Flag r l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.9	mg/L	1.92	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000
Matrix: Soil	QC-Batch: 2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	190	50	mg/Kg	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB6-W	Lab Sample ID: 2000-03-0095-016
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.0	mg/L	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000
Matrix: Soil	QC-Batch: 2000/03/07-01.23

Compound	Result	Rep/Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	420	50	mg/Kg	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.0	mg/L	1.00	03/08/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

## Total Oil & Grease

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000
Matrix: Soil	QC-Batch: 2000/03/07-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	490	50	mg/Kg	1.00	03/08/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn.: Stephen Southern

Prep Method: 5520 B  
5520 E

Total Oil & Grease

Sample ID: EB8-W	Lab Sample ID: 2000-03-0095-020
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000
Matrix: Water	QC-Batch: 2000/03/07-02.23
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	1.6	mg/L	1.55	03/08/2000	

To: **ACC Environmental Consultants**

Test Method: 5520 B

5520 E

Attn.: Stephen Southern

Prep Method: 5520 B

5520 E

### Batch QC Report

Total Oil & Grease

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/03/07-01.23</b>
MB: 2000/03/07-01.23-001		Date Extracted: 03/07/2000

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	03/08/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 5520 B

5520 E

Attn.: Stephen Southern

Prep Method: 5520 B

5520 E

## Batch QC Report

Total Oil & Grease

Method Blank	Water	QC Batch # 2000/03/07-02.23
MB: 2000/03/07-02.23-001		Date Extracted: 03/07/2000

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Oil & Grease (total)	ND	1	mg/L	03/08/2000	

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn: Stephen Southern

Prep Method: 5520 B  
5520 E

**Batch QC Report**

Total Oil & Grease

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/03/07-01.23	
LCS:	2000/03/07-01.23-002	Extracted:	03/07/2000	Analyzed	03/08/2000
LCSD:	2000/03/07-01.23-003	Extracted:	03/07/2000	Analyzed	03/08/2000

Compound	Conc. [ mg/Kg ]		Exp. Conc. [ mg/Kg ]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Oil & Grease (total)	394	398	400	400	98.5	99.5	1.0	80-120	20		

To: ACC Environmental Consultants

Test Method: 5520 B  
5520 E

Attn: Stephen Southern

Prep Method: 5520 B  
5520 E

**Batch QC Report**

Total Oil & Grease

<b>Laboratory Control Spike (LCS/LCSD)</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-02.23</b>
LCS: 2000/03/07-02.23-002	Extracted: 03/07/2000	Analyzed 03/08/2000
LCSD: 2000/03/07-02.23-003	Extracted: 03/07/2000	Analyzed 03/08/2000

Compound	Conc. [ mg/L ]		Exp. Conc. [ mg/L ]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Oil & Grease (total)	19.9	19.8	20.0	20.0	99.5	99.0	0.5	80-120	20		

To: ACC Environmental Consultants

Attn: Stephen Southern

Test Method: 5520 B

5520 E

Prep Method: 5520 B

5520 E

## Legend & Notes

Total Oil & Grease

## Analysis Flags

rl

Reporting limits raised due to reduced sample size.



## Semi-volatile Organic Compounds

### ACC Environmental Consultants

✉ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

### Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB1-W	Water	03/06/2000 10:30	3
EB2-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	4
EB2-9.0/10.0/11.0/12.0 COMP	Soil	03/06/2000	5
EB2-W	Water	03/06/2000 11:20	6
EB3-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	7
EB3-10.0/11.0/12.0 COMP	Soil	03/06/2000	8
EB3-W	Water	03/06/2000 11:20	9
EB4-4.0/7.0/8.0 COMP	Soil	03/06/2000	10
EB4-W	Water	03/06/2000 14:15	11
EB5-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	12
EB5-W	Water	03/06/2000 14:30	13
EB6-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	14
EB6-W	Water	03/06/2000 15:05	16
EB7-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	17
EB7-W	Water	03/06/2000 15:50	18
EB8-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	19
EB8-W	Water	03/06/2000 16:45	20

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB1-W</b>	Lab Sample ID: <b>2000-03-0095-003</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Bis(2-chloroethyl)ether	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2-Chlorophenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
1,3-Dichlorobenzene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
1,4-Dichlorobenzene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Benzyl alcohol	ND	6.1	ug/L	1.22	03/07/2000 20:09	
1,2-Dichlorobenzene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2-Methylphenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Bis(2-chloroisopropyl) ether	ND	2.4	ug/L	1.22	03/07/2000 20:09	
4-Methylphenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
N-Nitroso-di-n-propylamine	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Hexachloroethane	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Nitrobenzene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Isophorone	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2-Nitrophenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2,4-Dimethylphenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Bis(2-chloroethoxy) methane	ND	6.1	ug/L	1.22	03/07/2000 20:09	
2,4-Dichlorophenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
1,2,4-Trichlorobenzene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Naphthalene	11	2.4	ug/L	1.22	03/07/2000 20:09	
4-Chloroaniline	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Hexachlorobutadiene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
4-Chloro-3-methylphenol	ND	6.1	ug/L	1.22	03/07/2000 20:09	
2-Methylnaphthalene	13	2.4	ug/L	1.22	03/07/2000 20:09	
Hexachlorocyclopentadiene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2,4,6-Trichlorophenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2,4,5-Trichlorophenol	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2-Chloronaphthalene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2-Nitroaniline	ND	12	ug/L	1.22	03/07/2000 20:09	
Dimethyl phthalate	ND	6.1	ug/L	1.22	03/07/2000 20:09	
Acenaphthylene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
3-Nitroaniline	ND	12	ug/L	1.22	03/07/2000 20:09	
Acenaphthene	ND	2.4	ug/L	1.22	03/07/2000 20:09	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	12	ug/L	1.22	03/07/2000 20:09	
4-Nitrophenol	ND	12	ug/L	1.22	03/07/2000 20:09	
Dibenzofuran	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2,4-Dinitrotoluene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
2,6-Dinitrotoluene	ND	6.1	ug/L	1.22	03/07/2000 20:09	
Diethyl phthalate	ND	6.1	ug/L	1.22	03/07/2000 20:09	
4-Chlorophenyl phenyl ether	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Fluorene	ND	6.1	ug/L	1.22	03/07/2000 20:09	
4-Nitroaniline	ND	12	ug/L	1.22	03/07/2000 20:09	
2-Methyl-4,6-dinitrophenol	ND	12	ug/L	1.22	03/07/2000 20:09	
N-Nitrosodiphenylamine	ND	2.4	ug/L	1.22	03/07/2000 20:09	
4-Bromophenyl phenyl ether	ND	6.1	ug/L	1.22	03/07/2000 20:09	
Hexachlorobenzene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Pentachlorophenol	ND	12	ug/L	1.22	03/07/2000 20:09	
Phenanthrene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Anthracene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Di-n-butyl phthalate	ND	6.1	ug/L	1.22	03/07/2000 20:09	
Fluoranthene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Pyrene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Butyl benzyl phthalate	ND	6.1	ug/L	1.22	03/07/2000 20:09	
3,3-Dichlorobenzidine	ND	6.1	ug/L	1.22	03/07/2000 20:09	
Benzo(a)anthracene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
bis(2-Ethylhexyl) phthalate	ND	6.1	ug/L	1.22	03/07/2000 20:09	
Chrysene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Di-n-octyl phthalate	ND	6.1	ug/L	1.22	03/07/2000 20:09	
Benzo(b)fluoranthene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Benzo(k)fluoranthene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Benzo(a)pyrene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Indeno(1,2,3-c,d)pyrene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Dibenzo(a,h)anthracene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Benzo(g,h,i)perylene	ND	2.4	ug/L	1.22	03/07/2000 20:09	
Benzoic acid	ND	12	ug/L	1.22	03/07/2000 20:09	
<b>Surrogate(s)</b>						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A

3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	81.6	35-114	%	1.22	03/07/2000 20:09	
2-Fluorobiphenyl	96.2	43-116	%	1.22	03/07/2000 20:09	
p-Terphenyl-d14	74.3	33-141	%	1.22	03/07/2000 20:09	
Phenol-d5	38.9	10-110	%	1.22	03/07/2000 20:09	
2-Fluorophenol	62.7	25-100	%	1.22	03/07/2000 20:09	
2,4,6-Tribromophenol	85.6	10-123	%	1.22	03/07/2000 20:09	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-004
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Bis(2-chloroethyl)ether	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2-Chlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Benzyl alcohol	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2-Methylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Bis(2-chloroisopropyl) ether	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
4-Methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
N-Nitroso-di-n-propylamine	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Hexachloroethane	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Nitrobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Isophorone	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2-Nitrophenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2,4-Dimethylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Bis(2-chloroethoxy) methane	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2,4-Dichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Naphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
4-Chloroaniline	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
Hexachlorobutadiene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
4-Chloro-3-methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
2-Methylnaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Hexachlorocyclopentadiene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2,4,6-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2,4,5-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2-Chloronaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
Dimethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
Acenaphthylene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
3-Nitroaniline	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Acenaphthene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2,4-Dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-004
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
Dibenzofuran	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2,4-Dinitrotoluene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
2,6-Dinitrotoluene	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
Diethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
4-Chlorophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Fluorene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
4-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
2-Methyl-4,6-dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
N-Nitrosodiphenylamine	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
4-Bromophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Hexachlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Pentachlorophenol	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
Phenanthrene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Di-n-butyl phthalate	ND	10	mg/Kg	5.00	03/08/2000 08:48	
Fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Pyrene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Butyl benzyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
3,3-Dichlorobenzidine	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
Benzo(a)anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
bis(2-Ethylhexyl) phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
Chrysene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Di-n-octyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
Benzo(b)fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 08:48	
Benzo(k)fluoranthene	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
Benzo(a)pyrene	ND	0.10	mg/Kg	5.00	03/08/2000 08:48	
Indeno(1,2,3-c,d)pyrene	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
Dibenzo(a,h)anthracene	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
Benzo(g,h,i)perylene	ND	1.0	mg/Kg	5.00	03/08/2000 08:48	
Benzoic acid	ND	2.5	mg/Kg	5.00	03/08/2000 08:48	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	67.0	23-120	%	5.00	03/08/2000 08:48	
2-Fluorobiphenyl	88.2	30-115	%	5.00	03/08/2000 08:48	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-004
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<b>Surrogate(s)</b>						
p-Terphenyl-d14	64.0	18-137	%	5.00	03/08/2000 08:48	
Phenol-d5	88.0	24-113	%	5.00	03/08/2000 08:48	
2-Fluorophenol	84.5	25-121	%	5.00	03/08/2000 08:48	
2,4,6-Tribromophenol	69.3	19-122	%	5.00	03/08/2000 08:48	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2-Methylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
4-Methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Hexachloroethane	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Nitrobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Isophorone	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Naphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
2-Methylnaphthalene	0.17	0.10	mg/Kg	1.00	03/08/2000 13:14	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
Acenaphthylene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Acenaphthene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
Dibenzofuran	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Fluorene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
Phenanthrene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	03/08/2000 13:14	
Fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Pyrene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
Chrysene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 13:14	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	03/08/2000 13:14	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	03/08/2000 13:14	
Benzoic acid	ND	0.50	mg/Kg	1.00	03/08/2000 13:14	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	38.1	23-120	%	1.00	03/08/2000 13:14	
2-Fluorobiphenyl	47.6	30-115	%	1.00	03/08/2000 13:14	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<b>Surrogate(s)</b>						
p-Terphenyl-d14	48.9	18-137	%	1.00	03/08/2000 13:14	
Phenol-d5	48.9	24-113	%	1.00	03/08/2000 13:14	
2-Fluorophenol	47.8	25-121	%	1.00	03/08/2000 13:14	
2,4,6-Tribromophenol	70.5	19-122	%	1.00	03/08/2000 13:14	

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Printed on: 03/08/2000 17:43

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB2-W</b>	Lab Sample ID: <b>2000-03-0095-006</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag r/l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Bis(2-chloroethyl)ether	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2-Chlorophenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
1,3-Dichlorobenzene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
1,4-Dichlorobenzene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Benzyl alcohol	ND	6.3	ug/L	1.27	03/07/2000 20:53	
1,2-Dichlorobenzene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2-Methylphenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Bis(2-chloroisopropyl) ether	ND	2.5	ug/L	1.27	03/07/2000 20:53	
4-Methylphenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
N-Nitroso-di-n-propylamine	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Hexachloroethane	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Nitrobenzene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Isophorone	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2-Nitrophenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2,4-Dimethylphenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Bis(2-chloroethoxy) methane	ND	6.3	ug/L	1.27	03/07/2000 20:53	
2,4-Dichlorophenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
1,2,4-Trichlorobenzene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Naphthalene	9.5	2.5	ug/L	1.27	03/07/2000 20:53	
4-Chloroaniline	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Hexachlorobutadiene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
4-Chloro-3-methylphenol	ND	6.3	ug/L	1.27	03/07/2000 20:53	
2-Methylnaphthalene	13	2.5	ug/L	1.27	03/07/2000 20:53	
Hexachlorocyclopentadiene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2,4,6-Trichlorophenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2,4,5-Trichlorophenol	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2-Chloronaphthalene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2-Nitroaniline	ND	13	ug/L	1.27	03/07/2000 20:53	
Dimethyl phthalate	ND	6.3	ug/L	1.27	03/07/2000 20:53	
Acenaphthylene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
3-Nitroaniline	ND	13	ug/L	1.27	03/07/2000 20:53	
Acenaphthene	ND	2.5	ug/L	1.27	03/07/2000 20:53	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**  
 Attn.: Stephen Southern

Test Method: 8270A  
 Prep Method: 3510/8270A  
 3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB2-W</b>	Lab Sample ID: <b>2000-03-0095-006</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	13	ug/L	1.27	03/07/2000 20:53	
4-Nitrophenol	ND	13	ug/L	1.27	03/07/2000 20:53	
Dibenzofuran	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2,4-Dinitrotoluene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
2,6-Dinitrotoluene	ND	6.3	ug/L	1.27	03/07/2000 20:53	
Diethyl phthalate	ND	6.3	ug/L	1.27	03/07/2000 20:53	
4-Chlorophenyl phenyl ether	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Fluorene	ND	6.3	ug/L	1.27	03/07/2000 20:53	
4-Nitroaniline	ND	13	ug/L	1.27	03/07/2000 20:53	
2-Methyl-4,6-dinitrophenol	ND	13	ug/L	1.27	03/07/2000 20:53	
N-Nitrosodiphenylamine	ND	2.5	ug/L	1.27	03/07/2000 20:53	
4-Bromophenyl phenyl ether	ND	6.3	ug/L	1.27	03/07/2000 20:53	
Hexachlorobenzene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Pentachlorophenol	ND	13	ug/L	1.27	03/07/2000 20:53	
Phenanthrene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Anthracene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Di-n-butyl phthalate	ND	6.3	ug/L	1.27	03/07/2000 20:53	
Fluoranthene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Pyrene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Butyl benzyl phthalate	ND	6.3	ug/L	1.27	03/07/2000 20:53	
3,3-Dichlorobenzidine	ND	6.3	ug/L	1.27	03/07/2000 20:53	
Benzo(a)anthracene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
bis(2-Ethylhexyl) phthalate	ND	6.3	ug/L	1.27	03/07/2000 20:53	
Chrysene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Di-n-octyl phthalate	ND	6.3	ug/L	1.27	03/07/2000 20:53	
Benzo(b)fluoranthene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Benzo(k)fluoranthene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Benzo(a)pyrene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Indeno(1,2,3-c,d)pyrene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Dibenzo(a,h)anthracene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Benzo(g,h,i)perylene	ND	2.5	ug/L	1.27	03/07/2000 20:53	
Benzoic acid	ND	13	ug/L	1.27	03/07/2000 20:53	
<b>Surrogate(s)</b>						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB2-W</b>	Lab Sample ID: <b>2000-03-0095-006</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	81.8	35-114	%	1.27	03/07/2000 20:53	
2-Fluorobiphenyl	95.2	43-116	%	1.27	03/07/2000 20:53	
p-Terphenyl-d14	72.0	33-141	%	1.27	03/07/2000 20:53	
Phenol-d5	42.8	10-110	%	1.27	03/07/2000 20:53	
2-Fluorophenol	66.6	25-100	%	1.27	03/07/2000 20:53	
2,4,6-Tribromophenol	85.8	10-123	%	1.27	03/07/2000 20:53	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A

3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irn ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Bis(2-chloroethyl)ether	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2-Chlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Benzyl alcohol	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2-Methylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Bis(2-chloroisopropyl) ether	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
4-Methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
N-Nitroso-di-n-propylamine	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Hexachloroethane	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Nitrobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Isophorone	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2-Nitrophenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2,4-Dimethylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Bis(2-chloroethoxy) methane	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2,4-Dichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Naphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
4-Chloroaniline	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
Hexachlorobutadiene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
4-Chloro-3-methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
2-Methylnaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Hexachlorocyclopentadiene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2,4,6-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2,4,5-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2-Chloronaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
Dimethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
Acenaphthylene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
3-Nitroaniline	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Acenaphthene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
4-Nitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
Dibenzofuran	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2,4-Dinitrotoluene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
2,6-Dinitrotoluene	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
Diethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
4-Chlorophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Fluorene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
4-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
2-Methyl-4,6-dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
N-Nitrosodiphenylamine	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
4-Bromophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Hexachlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Pentachlorophenol	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
Phenanthrene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Di-n-butyl phthalate	ND	10	mg/Kg	5.00	03/08/2000 16:25	
Fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Pyrene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Butyl benzyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
3,3-Dichlorobenzidine	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
Benzo(a)anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
bis(2-Ethylhexyl) phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
Chrysene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Di-n-octyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
Benzo(b)fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 16:25	
Benzo(k)fluoranthene	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
Benzo(a)pyrene	ND	0.10	mg/Kg	5.00	03/08/2000 16:25	
Indeno(1,2,3-c,d)pyrene	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
Dibenzo(a,h)anthracene	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
Benzo(g,h,i)perylene	ND	1.0	mg/Kg	5.00	03/08/2000 16:25	
Benzoic acid	ND	2.5	mg/Kg	5.00	03/08/2000 16:25	
<b>Surrogate(s)</b>						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irn ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	38.8	23-120	%	5.00	03/08/2000 16:25	
2-Fluorobiphenyl	53.0	30-115	%	5.00	03/08/2000 16:25	
p-Terphenyl-d14	65.0	18-137	%	5.00	03/08/2000 16:25	
Phenol-d5	51.9	24-113	%	5.00	03/08/2000 16:25	
2-Fluorophenol	47.2	25-121	%	5.00	03/08/2000 16:25	
2,4,6-Tribromophenol	63.7	19-122	%	5.00	03/08/2000 16:25	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB3-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-008
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2-Methylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
4-Methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Hexachloroethane	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Nitrobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Isophorone	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Naphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
Acenaphthylene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Acenaphthene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8270A  
Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB3-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-008
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
Dibenzofuran	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Fluorene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
Phenanthrene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	03/08/2000 10:16	
Fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Pyrene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
Chrysene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 10:16	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	03/08/2000 10:16	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	03/08/2000 10:16	
Benzoic acid	ND	0.50	mg/Kg	1.00	03/08/2000 10:16	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	41.5	23-120	%	1.00	03/08/2000 10:16	
2-Fluorobiphenyl	50.8	30-115	%	1.00	03/08/2000 10:16	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB3-10.0/11.0/12.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-008</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
p-Terphenyl-d14	57.0	18-137	%	1.00	03/08/2000 10:16	
Phenol-d5	62.4	24-113	%	1.00	03/08/2000 10:16	
2-Fluorophenol	55.1	25-121	%	1.00	03/08/2000 10:16	
2,4,6-Tribromophenol	73.3	19-122	%	1.00	03/08/2000 10:16	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Bis(2-chloroethyl)ether	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2-Chlorophenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
1,3-Dichlorobenzene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
1,4-Dichlorobenzene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Benzyl alcohol	ND	6.2	ug/L	1.23	03/07/2000 23:49	
1,2-Dichlorobenzene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2-Methylphenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Bis(2-chloroisopropyl) ether	ND	2.5	ug/L	1.23	03/07/2000 23:49	
4-Methylphenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
N-Nitroso-di-n-propylamine	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Hexachloroethane	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Nitrobenzene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Isophorone	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2-Nitrophenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2,4-Dimethylphenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Bis(2-chloroethoxy) methane	ND	6.2	ug/L	1.23	03/07/2000 23:49	
2,4-Dichlorophenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
1,2,4-Trichlorobenzene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Naphthalene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
4-Chloroaniline	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Hexachlorobutadiene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
4-Chloro-3-methylphenol	ND	6.2	ug/L	1.23	03/07/2000 23:49	
2-Methylnaphthalene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Hexachlorocyclopentadiene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2,4,6-Trichlorophenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2,4,5-Trichlorophenol	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2-Chloronaphthalene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2-Nitroaniline	ND	12	ug/L	1.23	03/07/2000 23:49	
Dimethyl phthalate	ND	6.2	ug/L	1.23	03/07/2000 23:49	
Acenaphthylene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
3-Nitroaniline	ND	12	ug/L	1.23	03/07/2000 23:49	
Acenaphthene	ND	2.5	ug/L	1.23	03/07/2000 23:49	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A

3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag r l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	12	ug/L	1.23	03/07/2000 23:49	
4-Nitrophenol	ND	12	ug/L	1.23	03/07/2000 23:49	
Dibenzofuran	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2,4-Dinitrotoluene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
2,6-Dinitrotoluene	ND	6.2	ug/L	1.23	03/07/2000 23:49	
Diethyl phthalate	ND	6.2	ug/L	1.23	03/07/2000 23:49	
4-Chlorophenyl phenyl ether	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Fluorene	ND	6.2	ug/L	1.23	03/07/2000 23:49	
4-Nitroaniline	ND	12	ug/L	1.23	03/07/2000 23:49	
2-Methyl-4,6-dinitrophenol	ND	12	ug/L	1.23	03/07/2000 23:49	
N-Nitrosodiphenylamine	ND	2.5	ug/L	1.23	03/07/2000 23:49	
4-Bromophenyl phenyl ether	ND	6.2	ug/L	1.23	03/07/2000 23:49	
Hexachlorobenzene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Pentachlorophenol	ND	12	ug/L	1.23	03/07/2000 23:49	
Phenanthrene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Anthracene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Di-n-butyl phthalate	ND	6.2	ug/L	1.23	03/07/2000 23:49	
Fluoranthene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Pyrene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Butyl benzyl phthalate	ND	6.2	ug/L	1.23	03/07/2000 23:49	
3,3-Dichlorobenzidine	ND	6.2	ug/L	1.23	03/07/2000 23:49	
Benzo(a)anthracene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
bis(2-Ethylhexyl) phthalate	ND	6.2	ug/L	1.23	03/07/2000 23:49	
Chrysene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Di-n-octyl phthalate	ND	6.2	ug/L	1.23	03/07/2000 23:49	
Benzo(b)fluoranthene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Benzo(k)fluoranthene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Benzo(a)pyrene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Indeno(1,2,3-c,d)pyrene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Dibenzo(a,h)anthracene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Benzo(g,h,i)perylene	ND	2.5	ug/L	1.23	03/07/2000 23:49	
Benzoic acid	ND	12	ug/L	1.23	03/07/2000 23:49	
Surrogate(s)						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB3-W</b>	Lab Sample ID: <b>2000-03-0095-009</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	79.7	35-114	%	1.23	03/07/2000 23:49	
2-Fluorobiphenyl	96.8	43-116	%	1.23	03/07/2000 23:49	
p-Terphenyl-d14	72.2	33-141	%	1.23	03/07/2000 23:49	
Phenol-d5	40.0	10-110	%	1.23	03/07/2000 23:49	
2-Fluorophenol	61.6	25-100	%	1.23	03/07/2000 23:49	
2,4,6-Tribromophenol	97.0	10-123	%	1.23	03/07/2000 23:49	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A

3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB4-4.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-010
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2-Methylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
4-Methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Hexachloroethane	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Nitrobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Isophorone	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Naphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
Acenaphthylene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Acenaphthene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB4-4.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-010</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
Dibenzofuran	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Fluorene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
Phenanthrene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	03/08/2000 11:44	
Fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Pyrene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
Chrysene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 11:44	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	03/08/2000 11:44	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	03/08/2000 11:44	
Benzoic acid	ND	0.50	mg/Kg	1.00	03/08/2000 11:44	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	43.5	23-120	%	1.00	03/08/2000 11:44	
2-Fluorobiphenyl	48.3	30-115	%	1.00	03/08/2000 11:44	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB4-4.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-010
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
p-Terphenyl-d14	61.9	18-137	%	1.00	03/08/2000 11:44	
Phenol-d5	67.4	24-113	%	1.00	03/08/2000 11:44	
2-Fluorophenol	62.2	25-121	%	1.00	03/08/2000 11:44	
2,4,6-Tribromophenol	70.0	19-122	%	1.00	03/08/2000 11:44	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB4-W</b>	Lab Sample ID: <b>2000-03-0095-011</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Bis(2-chloroethyl)ether	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2-Chlorophenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
1,3-Dichlorobenzene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
1,4-Dichlorobenzene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Benzyl alcohol	ND	6.1	ug/L	1.22	03/08/2000 00:33	
1,2-Dichlorobenzene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2-Methylphenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Bis(2-chloroisopropyl) ether	ND	2.4	ug/L	1.22	03/08/2000 00:33	
4-Methylphenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
N-Nitroso-di-n-propylamine	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Hexachloroethane	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Nitrobenzene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Isophorone	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2-Nitrophenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2,4-Dimethylphenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Bis(2-chloroethoxy) methane	ND	6.1	ug/L	1.22	03/08/2000 00:33	
2,4-Dichlorophenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
1,2,4-Trichlorobenzene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Naphthalene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
4-Chloroaniline	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Hexachlorobutadiene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
4-Chloro-3-methylphenol	ND	6.1	ug/L	1.22	03/08/2000 00:33	
2-Methylnaphthalene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Hexachlorocyclopentadiene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2,4,6-Trichlorophenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2,4,5-Trichlorophenol	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2-Chloronaphthalene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2-Nitroaniline	ND	12	ug/L	1.22	03/08/2000 00:33	
Dimethyl phthalate	ND	6.1	ug/L	1.22	03/08/2000 00:33	
Acenaphthylene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
3-Nitroaniline	ND	12	ug/L	1.22	03/08/2000 00:33	
Acenaphthene	ND	2.4	ug/L	1.22	03/08/2000 00:33	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB4-W	Lab Sample ID: 2000-03-0095-011
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	12	ug/L	1.22	03/08/2000 00:33	
4-Nitrophenol	ND	12	ug/L	1.22	03/08/2000 00:33	
Dibenzofuran	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2,4-Dinitrotoluene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
2,6-Dinitrotoluene	ND	6.1	ug/L	1.22	03/08/2000 00:33	
Diethyl phthalate	ND	6.1	ug/L	1.22	03/08/2000 00:33	
4-Chlorophenyl phenyl ether	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Fluorene	ND	6.1	ug/L	1.22	03/08/2000 00:33	
4-Nitroaniline	ND	12	ug/L	1.22	03/08/2000 00:33	
2-Methyl-4,6-dinitrophenol	ND	12	ug/L	1.22	03/08/2000 00:33	
N-Nitrosodiphenylamine	ND	2.4	ug/L	1.22	03/08/2000 00:33	
4-Bromophenyl phenyl ether	ND	6.1	ug/L	1.22	03/08/2000 00:33	
Hexachlorobenzene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Pentachlorophenol	ND	12	ug/L	1.22	03/08/2000 00:33	
Phenanthrene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Anthracene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Di-n-butyl phthalate	ND	6.1	ug/L	1.22	03/08/2000 00:33	
Fluoranthene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Pyrene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Butyl benzyl phthalate	ND	6.1	ug/L	1.22	03/08/2000 00:33	
3,3-Dichlorobenzidine	ND	6.1	ug/L	1.22	03/08/2000 00:33	
Benzo(a)anthracene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
bis(2-Ethylhexyl) phthalate	ND	6.1	ug/L	1.22	03/08/2000 00:33	
Chrysene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Di-n-octyl phthalate	ND	6.1	ug/L	1.22	03/08/2000 00:33	
Benzo(b)fluoranthene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Benzo(k)fluoranthene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Benzo(a)pyrene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Indeno(1,2,3-c,d)pyrene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Dibenzo(a,h)anthracene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Benzo(g,h,i)perylene	ND	2.4	ug/L	1.22	03/08/2000 00:33	
Benzoic acid	ND	12	ug/L	1.22	03/08/2000 00:33	
<b>Surrogate(s)</b>						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB4-W	Lab Sample ID: 2000-03-0095-011
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag r l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	84.1	35-114	%	1.22	03/08/2000 00:33	
2-Fluorobiphenyl	98.5	43-116	%	1.22	03/08/2000 00:33	
p-Terphenyl-d14	67.0	33-141	%	1.22	03/08/2000 00:33	
Phenol-d5	43.2	10-110	%	1.22	03/08/2000 00:33	
2-Fluorophenol	65.0	25-100	%	1.22	03/08/2000 00:33	
2,4,6-Tribromophenol	97.6	10-123	%	1.22	03/08/2000 00:33	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A

3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB5-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-012
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2-Methylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
4-Methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Hexachloroethane	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Nitrobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Isophorone	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Naphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
Acenaphthylene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Acenaphthene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB5-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-012
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
Dibenzofuran	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Fluorene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
Phenanthrene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	03/08/2000 13:58	
Fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Pyrene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
Chrysene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	03/08/2000 13:58	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	03/08/2000 13:58	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	03/08/2000 13:58	
Benzoic acid	ND	0.50	mg/Kg	1.00	03/08/2000 13:58	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	45.8	23-120	%	1.00	03/08/2000 13:58	
2-Fluorobiphenyl	54.5	30-115	%	1.00	03/08/2000 13:58	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

Semi-volatile Organic Compounds

Sample ID: <b>EB5-5.0/6.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-012</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<b>Surrogate(s)</b>						
p-Terphenyl-d14	48.6	18-137	%	1.00	03/08/2000 13:58	
Phenol-d5	61.6	24-113	%	1.00	03/08/2000 13:58	
2-Fluorophenol	58.5	25-121	%	1.00	03/08/2000 13:58	
2,4,6-Tribromophenol	67.5	19-122	%	1.00	03/08/2000 13:58	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB5-W	Lab Sample ID: 2000-03-0095-013
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Bis(2-chloroethyl)ether	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2-Chlorophenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
1,3-Dichlorobenzene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
1,4-Dichlorobenzene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Benzyl alcohol	ND	7.1	ug/L	1.43	03/07/2000 21:37	
1,2-Dichlorobenzene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2-Methylphenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Bis(2-chloroisopropyl) ether	ND	2.9	ug/L	1.43	03/07/2000 21:37	
4-Methylphenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
N-Nitroso-di-n-propylamine	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Hexachloroethane	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Nitrobenzene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Isophorone	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2-Nitrophenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2,4-Dimethylphenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Bis(2-chloroethoxy) methane	ND	7.1	ug/L	1.43	03/07/2000 21:37	
2,4-Dichlorophenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
1,2,4-Trichlorobenzene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Naphthalene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
4-Chloroaniline	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Hexachlorobutadiene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
4-Chloro-3-methylphenol	ND	7.1	ug/L	1.43	03/07/2000 21:37	
2-Methylnaphthalene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Hexachlorocyclopentadiene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2,4,6-Trichlorophenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2,4,5-Trichlorophenol	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2-Chloronaphthalene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2-Nitroaniline	ND	14	ug/L	1.43	03/07/2000 21:37	
Dimethyl phthalate	ND	7.1	ug/L	1.43	03/07/2000 21:37	
Acenaphthylene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
3-Nitroaniline	ND	14	ug/L	1.43	03/07/2000 21:37	
Acenaphthene	ND	2.9	ug/L	1.43	03/07/2000 21:37	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB5-W</b>	Lab Sample ID: <b>2000-03-0095-013</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	14	ug/L	1.43	03/07/2000 21:37	
4-Nitrophenol	ND	14	ug/L	1.43	03/07/2000 21:37	
Dibenzofuran	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2,4-Dinitrotoluene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
2,6-Dinitrotoluene	ND	7.1	ug/L	1.43	03/07/2000 21:37	
Diethyl phthalate	ND	7.1	ug/L	1.43	03/07/2000 21:37	
4-Chlorophenyl phenyl ether	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Fluorene	ND	7.1	ug/L	1.43	03/07/2000 21:37	
4-Nitroaniline	ND	14	ug/L	1.43	03/07/2000 21:37	
2-Methyl-4,6-dinitrophenol	ND	14	ug/L	1.43	03/07/2000 21:37	
N-Nitrosodiphenylamine	ND	2.9	ug/L	1.43	03/07/2000 21:37	
4-Bromophenyl phenyl ether	ND	7.1	ug/L	1.43	03/07/2000 21:37	
Hexachlorobenzene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Pentachlorophenol	ND	14	ug/L	1.43	03/07/2000 21:37	
Phenanthrene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Anthracene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Di-n-butyl phthalate	ND	7.1	ug/L	1.43	03/07/2000 21:37	
Fluoranthene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Pyrene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Butyl benzyl phthalate	ND	7.1	ug/L	1.43	03/07/2000 21:37	
3,3-Dichlorobenzidine	ND	7.1	ug/L	1.43	03/07/2000 21:37	
Benzo(a)anthracene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
bis(2-Ethylhexyl) phthalate	ND	7.1	ug/L	1.43	03/07/2000 21:37	
Chrysene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Di-n-octyl phthalate	ND	7.1	ug/L	1.43	03/07/2000 21:37	
Benzo(b)fluoranthene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Benzo(k)fluoranthene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Benzo(a)pyrene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Indeno(1,2,3-c,d)pyrene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Dibenzo(a,h)anthracene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Benzo(g,h,i)perylene	ND	2.9	ug/L	1.43	03/07/2000 21:37	
Benzoic acid	ND	14	ug/L	1.43	03/07/2000 21:37	
<b>Surrogate(s)</b>						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB5-W	Lab Sample ID: 2000-03-0095-013
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	59.8	35-114	%	1.43	03/07/2000 21:37	
2-Fluorobiphenyl	70.5	43-116	%	1.43	03/07/2000 21:37	
p-Terphenyl-d14	50.6	33-141	%	1.43	03/07/2000 21:37	
Phenol-d5	42.4	10-110	%	1.43	03/07/2000 21:37	
2-Fluorophenol	60.1	25-100	%	1.43	03/07/2000 21:37	
2,4,6-Tribromophenol	59.5	10-123	%	1.43	03/07/2000 21:37	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Bis(2-chloroethyl)ether	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2-Chlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Benzyl alcohol	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2-Methylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Bis(2-chloroisopropyl) ether	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
4-Methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
N-Nitroso-di-n-propylamine	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Hexachloroethane	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Nitrobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Isophorone	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2-Nitrophenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2,4-Dimethylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Bis(2-chloroethoxy) methane	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2,4-Dichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Naphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
4-Chloroaniline	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
Hexachlorobutadiene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
4-Chloro-3-methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
2-Methylnaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Hexachlorocyclopentadiene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2,4,6-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2,4,5-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2-Chloronaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
Dimethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
Acenaphthylene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
3-Nitroaniline	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Acenaphthene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag In ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
4-Nitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
Dibenzofuran	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2,4-Dinitrotoluene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
2,6-Dinitrotoluene	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
Diethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
4-Chlorophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Fluorene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
4-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
2-Methyl-4,6-dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
N-Nitrosodiphenylamine	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
4-Bromophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Hexachlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Pentachlorophenol	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
Phenanthrene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Di-n-butyl phthalate	ND	10	mg/Kg	5.00	03/08/2000 11:00	
Fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Pyrene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Butyl benzyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
3,3-Dichlorobenzidine	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
Benzo(a)anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
bis(2-Ethylhexyl) phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
Chrysene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Di-n-octyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
Benzo(b)fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 11:00	
Benzo(k)fluoranthene	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
Benzo(a)pyrene	ND	0.10	mg/Kg	5.00	03/08/2000 11:00	
Indeno(1,2,3-c,d)pyrene	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
Dibenzo(a,h)anthracene	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
Benzo(g,h,i)perylene	ND	1.0	mg/Kg	5.00	03/08/2000 11:00	
Benzoic acid	ND	2.5	mg/Kg	5.00	03/08/2000 11:00	
Surrogate(s)						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	34.8	23-120	%	5.00	03/08/2000 11:00	
2-Fluorobiphenyl	51.8	30-115	%	5.00	03/08/2000 11:00	
p-Terphenyl-d14	62.6	18-137	%	5.00	03/08/2000 11:00	
Phenol-d5	62.0	24-113	%	5.00	03/08/2000 11:00	
2-Fluorophenol	49.0	25-121	%	5.00	03/08/2000 11:00	
2,4,6-Tribromophenol	68.1	19-122	%	5.00	03/08/2000 11:00	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB6-W	Lab Sample ID: 2000-03-0095-016
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Bis(2-chloroethyl)ether	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2-Chlorophenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
1,3-Dichlorobenzene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
1,4-Dichlorobenzene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Benzyl alcohol	ND	6.9	ug/L	1.39	03/08/2000 01:16	
1,2-Dichlorobenzene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2-Methylphenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Bis(2-chloroisopropyl) ether	ND	2.8	ug/L	1.39	03/08/2000 01:16	
4-Methylphenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
N-Nitroso-di-n-propylamine	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Hexachloroethane	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Nitrobenzene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Isophorone	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2-Nitrophenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2,4-Dimethylphenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Bis(2-chloroethoxy) methane	ND	6.9	ug/L	1.39	03/08/2000 01:16	
2,4-Dichlorophenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
1,2,4-Trichlorobenzene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Naphthalene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
4-Chloroaniline	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Hexachlorobutadiene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
4-Chloro-3-methylphenol	ND	6.9	ug/L	1.39	03/08/2000 01:16	
2-Methylnaphthalene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Hexachlorocyclopentadiene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2,4,6-Trichlorophenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2,4,5-Trichlorophenol	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2-Chloronaphthalene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2-Nitroaniline	ND	14	ug/L	1.39	03/08/2000 01:16	
Dimethyl phthalate	ND	6.9	ug/L	1.39	03/08/2000 01:16	
Acenaphthylene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
3-Nitroaniline	ND	14	ug/L	1.39	03/08/2000 01:16	
Acenaphthene	ND	2.8	ug/L	1.39	03/08/2000 01:16	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB6-W</b>	Lab Sample ID: <b>2000-03-0095-016</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag r1 ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	14	ug/L	1.39	03/08/2000 01:16	
4-Nitrophenol	ND	14	ug/L	1.39	03/08/2000 01:16	
Dibenzofuran	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2,4-Dinitrotoluene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
2,6-Dinitrotoluene	ND	6.9	ug/L	1.39	03/08/2000 01:16	
Diethyl phthalate	ND	6.9	ug/L	1.39	03/08/2000 01:16	
4-Chlorophenyl phenyl ether	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Fluorene	ND	6.9	ug/L	1.39	03/08/2000 01:16	
4-Nitroaniline	ND	14	ug/L	1.39	03/08/2000 01:16	
2-Methyl-4,6-dinitrophenol	ND	14	ug/L	1.39	03/08/2000 01:16	
N-Nitrosodiphenylamine	ND	2.8	ug/L	1.39	03/08/2000 01:16	
4-Bromophenyl phenyl ether	ND	6.9	ug/L	1.39	03/08/2000 01:16	
Hexachlorobenzene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Pentachlorophenol	ND	14	ug/L	1.39	03/08/2000 01:16	
Phenanthrene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Anthracene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Di-n-butyl phthalate	ND	6.9	ug/L	1.39	03/08/2000 01:16	
Fluoranthene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Pyrene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Butyl benzyl phthalate	ND	6.9	ug/L	1.39	03/08/2000 01:16	
3,3-Dichlorobenzidine	ND	6.9	ug/L	1.39	03/08/2000 01:16	
Benzo(a)anthracene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
bis(2-Ethylhexyl) phthalate	ND	6.9	ug/L	1.39	03/08/2000 01:16	
Chrysene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Di-n-octyl phthalate	ND	6.9	ug/L	1.39	03/08/2000 01:16	
Benzo(b)fluoranthene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Benzo(k)fluoranthene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Benzo(a)pyrene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Indeno(1,2,3-c,d)pyrene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Dibenzo(a,h)anthracene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Benzo(g,h,i)perylene	ND	2.8	ug/L	1.39	03/08/2000 01:16	
Benzoic acid	ND	14	ug/L	1.39	03/08/2000 01:16	
<b>Surrogate(s)</b>						

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB6-W</b>	Lab Sample ID: <b>2000-03-0095-016</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	79.5	35-114	%	1.39	03/08/2000 01:16	
2-Fluorobiphenyl	85.3	43-116	%	1.39	03/08/2000 01:16	
p-Terphenyl-d14	75.8	33-141	%	1.39	03/08/2000 01:16	
Phenol-d5	43.4	10-110	%	1.39	03/08/2000 01:16	
2-Fluorophenol	63.3	25-100	%	1.39	03/08/2000 01:16	
2,4,6-Tribromophenol	91.8	10-123	%	1.39	03/08/2000 01:16	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag In ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Bis(2-chloroethyl)ether	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2-Chlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Benzyl alcohol	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2-Methylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Bis(2-chloroisopropyl) ether	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
4-Methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
N-Nitroso-di-n-propylamine	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Hexachloroethane	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Nitrobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Isophorone	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2-Nitrophenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2,4-Dimethylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Bis(2-chloroethoxy) methane	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2,4-Dichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Naphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
4-Chloroaniline	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
Hexachlorobutadiene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
4-Chloro-3-methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
2-Methylnaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Hexachlorocyclopentadiene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2,4,6-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2,4,5-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2-Chloronaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
Dimethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
Acenaphthylene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
3-Nitroaniline	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Acenaphthene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irr ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
4-Nitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
Dibenzofuran	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2,4-Dinitrotoluene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
2,6-Dinitrotoluene	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
Diethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
4-Chlorophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Fluorene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
4-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
2-Methyl-4,6-dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
N-Nitrosodiphenylamine	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
4-Bromophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Hexachlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Pentachlorophenol	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
Phenanthrene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Di-n-butyl phthalate	ND	10	mg/Kg	5.00	03/08/2000 15:41	
Fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Pyrene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Butyl benzyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
3,3-Dichlorobenzidine	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
Benzo(a)anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
bis(2-Ethylhexyl) phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
Chrysene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Di-n-octyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
Benzo(b)fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 15:41	
Benzo(k)fluoranthene	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
Benzo(a)pyrene	ND	0.10	mg/Kg	5.00	03/08/2000 15:41	
Indeno(1,2,3-c,d)pyrene	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
Dibenzo(a,h)anthracene	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
Benzo(g,h,i)perylene	ND	1.0	mg/Kg	5.00	03/08/2000 15:41	
Benzoic acid	ND	2.5	mg/Kg	5.00	03/08/2000 15:41	
<b>Surrogate(s)</b>						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB7-5.0/6.0/7.0/8.0/9.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-017</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	36.6	23-120	%	5.00	03/08/2000 15:41	
2-Fluorobiphenyl	57.2	30-115	%	5.00	03/08/2000 15:41	
p-Terphenyl-d14	62.2	18-137	%	5.00	03/08/2000 15:41	
Phenol-d5	57.1	24-113	%	5.00	03/08/2000 15:41	
2-Fluorophenol	49.3	25-121	%	5.00	03/08/2000 15:41	
2,4,6-Tribromophenol	59.4	19-122	%	5.00	03/08/2000 15:41	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag r l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Bis(2-chloroethyl)ether	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2-Chlorophenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
1,3-Dichlorobenzene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
1,4-Dichlorobenzene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Benzyl alcohol	ND	6.9	ug/L	1.39	03/07/2000 22:21	
1,2-Dichlorobenzene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2-Methylphenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Bis(2-chloroisopropyl) ether	ND	2.8	ug/L	1.39	03/07/2000 22:21	
4-Methylphenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
N-Nitroso-di-n-propylamine	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Hexachloroethane	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Nitrobenzene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Isophorone	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2-Nitrophenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2,4-Dimethylphenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Bis(2-chloroethoxy) methane	ND	6.9	ug/L	1.39	03/07/2000 22:21	
2,4-Dichlorophenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
1,2,4-Trichlorobenzene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Naphthalene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
4-Chloroaniline	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Hexachlorobutadiene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
4-Chloro-3-methylphenol	ND	6.9	ug/L	1.39	03/07/2000 22:21	
2-Methylnaphthalene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Hexachlorocyclopentadiene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2,4,6-Trichlorophenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2,4,5-Trichlorophenol	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2-Chloronaphthalene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2-Nitroaniline	ND	14	ug/L	1.39	03/07/2000 22:21	
Dimethyl phthalate	ND	6.9	ug/L	1.39	03/07/2000 22:21	
Acenaphthylene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
3-Nitroaniline	ND	14	ug/L	1.39	03/07/2000 22:21	
Acenaphthene	ND	2.8	ug/L	1.39	03/07/2000 22:21	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag r l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	14	ug/L	1.39	03/07/2000 22:21	
4-Nitrophenol	ND	14	ug/L	1.39	03/07/2000 22:21	
Dibenzofuran	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2,4-Dinitrotoluene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
2,6-Dinitrotoluene	ND	6.9	ug/L	1.39	03/07/2000 22:21	
Diethyl phthalate	ND	6.9	ug/L	1.39	03/07/2000 22:21	
4-Chlorophenyl phenyl ether	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Fluorene	ND	6.9	ug/L	1.39	03/07/2000 22:21	
4-Nitroaniline	ND	14	ug/L	1.39	03/07/2000 22:21	
2-Methyl-4,6-dinitrophenol	ND	14	ug/L	1.39	03/07/2000 22:21	
N-Nitrosodiphenylamine	ND	2.8	ug/L	1.39	03/07/2000 22:21	
4-Bromophenyl phenyl ether	ND	6.9	ug/L	1.39	03/07/2000 22:21	
Hexachlorobenzene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Pentachlorophenol	ND	14	ug/L	1.39	03/07/2000 22:21	
Phenanthrene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Anthracene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Di-n-butyl phthalate	ND	6.9	ug/L	1.39	03/07/2000 22:21	
Fluoranthene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Pyrene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Butyl benzyl phthalate	ND	6.9	ug/L	1.39	03/07/2000 22:21	
3,3-Dichlorobenzidine	ND	6.9	ug/L	1.39	03/07/2000 22:21	
Benzo(a)anthracene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
bis(2-Ethylhexyl) phthalate	ND	6.9	ug/L	1.39	03/07/2000 22:21	
Chrysene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Di-n-octyl phthalate	ND	6.9	ug/L	1.39	03/07/2000 22:21	
Benzo(b)fluoranthene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Benzo(k)fluoranthene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Benzo(a)pyrene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Indeno(1,2,3-c,d)pyrene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Dibenzo(a,h)anthracene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Benzo(g,h,i)perylene	ND	2.8	ug/L	1.39	03/07/2000 22:21	
Benzoic acid	ND	14	ug/L	1.39	03/07/2000 22:21	
<b>Surrogate(s)</b>						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	80.4	35-114	%	1.39	03/07/2000 22:21	
2-Fluorobiphenyl	95.3	43-116	%	1.39	03/07/2000 22:21	
p-Terphenyl-d14	72.0	33-141	%	1.39	03/07/2000 22:21	
Phenol-d5	46.5	10-110	%	1.39	03/07/2000 22:21	
2-Fluorophenol	69.9	25-100	%	1.39	03/07/2000 22:21	
2,4,6-Tribromophenol	87.0	10-123	%	1.39	03/07/2000 22:21	

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Printed on: 03/08/2000 17:43

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To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

Semi-volatile Organic Compounds

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irr ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Bis(2-chloroethyl)ether	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2-Chlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Benzyl alcohol	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2-Methylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Bis(2-chloroisopropyl) ether	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
4-Methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
N-Nitroso-di-n-propylamine	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Hexachloroethane	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Nitrobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Isophorone	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2-Nitrophenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2,4-Dimethylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Bis(2-chloroethoxy) methane	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2,4-Dichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Naphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
4-Chloroaniline	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
Hexachlorobutadiene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
4-Chloro-3-methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
2-Methylnaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Hexachlorocyclopentadiene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2,4,6-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2,4,5-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2-Chloronaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
Dimethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
Acenaphthylene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
3-Nitroaniline	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Acenaphthene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A

3550/8270A

Semi-volatile Organic Compounds

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irr ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
4-Nitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
Dibenzofuran	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2,4-Dinitrotoluene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
2,6-Dinitrotoluene	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
Diethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
4-Chlorophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Fluorene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
4-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
2-Methyl-4,6-dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
N-Nitrosodiphenylamine	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
4-Bromophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Hexachlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Pentachlorophenol	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
Phenanthrene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Di-n-butyl phthalate	ND	10	mg/Kg	5.00	03/08/2000 09:32	
Fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Pyrene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Butyl benzyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
3,3-Dichlorobenzidine	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
Benzo(a)anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
bis(2-Ethylhexyl) phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
Chrysene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Di-n-octyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
Benzo(b)fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 09:32	
Benzo(k)fluoranthene	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
Benzo(a)pyrene	ND	0.10	mg/Kg	5.00	03/08/2000 09:32	
Indeno(1,2,3-c,d)pyrene	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
Dibenzo(a,h)anthracene	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
Benzo(g,h,i)perylene	ND	1.0	mg/Kg	5.00	03/08/2000 09:32	
Benzoic acid	ND	2.5	mg/Kg	5.00	03/08/2000 09:32	
Surrogate(s)						

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irr ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	41.6	23-120	%	5.00	03/08/2000 09:32	
2-Fluorobiphenyl	59.2	30-115	%	5.00	03/08/2000 09:32	
p-Terphenyl-d14	63.4	18-137	%	5.00	03/08/2000 09:32	
Phenol-d5	73.8	24-113	%	5.00	03/08/2000 09:32	
2-Fluorophenol	62.1	25-121	%	5.00	03/08/2000 09:32	
2,4,6-Tribromophenol	70.0	19-122	%	5.00	03/08/2000 09:32	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB8-W</b>	Lab Sample ID: <b>2000-03-0095-020</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Bis(2-chloroethyl)ether	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2-Chlorophenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
1,3-Dichlorobenzene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
1,4-Dichlorobenzene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Benzyl alcohol	ND	7.4	ug/L	1.47	03/07/2000 23:05	
1,2-Dichlorobenzene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2-Methylphenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Bis(2-chloroisopropyl) ether	ND	2.9	ug/L	1.47	03/07/2000 23:05	
4-Methylphenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
N-Nitroso-di-n-propylamine	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Hexachloroethane	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Nitrobenzene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Isophorone	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2-Nitrophenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2,4-Dimethylphenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Bis(2-chloroethoxy) methane	ND	7.4	ug/L	1.47	03/07/2000 23:05	
2,4-Dichlorophenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
1,2,4-Trichlorobenzene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Naphthalene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
4-Chloroaniline	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Hexachlorobutadiene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
4-Chloro-3-methylphenol	ND	7.4	ug/L	1.47	03/07/2000 23:05	
2-Methylnaphthalene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Hexachlorocyclopentadiene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2,4,6-Trichlorophenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2,4,5-Trichlorophenol	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2-Chloronaphthalene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2-Nitroaniline	ND	15	ug/L	1.47	03/07/2000 23:05	
Dimethyl phthalate	ND	7.4	ug/L	1.47	03/07/2000 23:05	
Acenaphthylene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
3-Nitroaniline	ND	15	ug/L	1.47	03/07/2000 23:05	
Acenaphthene	ND	2.9	ug/L	1.47	03/07/2000 23:05	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB8-W</b>	Lab Sample ID: <b>2000-03-0095-020</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
2,4-Dinitrophenol	ND	15	ug/L	1.47	03/07/2000 23:05	
4-Nitrophenol	ND	15	ug/L	1.47	03/07/2000 23:05	
Dibenzofuran	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2,4-Dinitrotoluene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
2,6-Dinitrotoluene	ND	7.4	ug/L	1.47	03/07/2000 23:05	
Diethyl phthalate	ND	7.4	ug/L	1.47	03/07/2000 23:05	
4-Chlorophenyl phenyl ether	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Fluorene	ND	7.4	ug/L	1.47	03/07/2000 23:05	
4-Nitroaniline	ND	15	ug/L	1.47	03/07/2000 23:05	
2-Methyl-4,6-dinitrophenol	ND	15	ug/L	1.47	03/07/2000 23:05	
N-Nitrosodiphenylamine	ND	2.9	ug/L	1.47	03/07/2000 23:05	
4-Bromophenyl phenyl ether	ND	7.4	ug/L	1.47	03/07/2000 23:05	
Hexachlorobenzene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Pentachlorophenol	ND	15	ug/L	1.47	03/07/2000 23:05	
Phenanthrene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Anthracene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Di-n-butyl phthalate	ND	7.4	ug/L	1.47	03/07/2000 23:05	
Fluoranthene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Pyrene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Butyl benzyl phthalate	ND	7.4	ug/L	1.47	03/07/2000 23:05	
3,3-Dichlorobenzidine	ND	7.4	ug/L	1.47	03/07/2000 23:05	
Benzo(a)anthracene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
bis(2-Ethylhexyl) phthalate	ND	7.4	ug/L	1.47	03/07/2000 23:05	
Chrysene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Di-n-octyl phthalate	ND	7.4	ug/L	1.47	03/07/2000 23:05	
Benzo(b)fluoranthene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Benzo(k)fluoranthene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Benzo(a)pyrene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Indeno(1,2,3-c,d)pyrene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Dibenzo(a,h)anthracene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Benzo(g,h,i)perylene	ND	2.9	ug/L	1.47	03/07/2000 23:05	
Benzoic acid	ND	15	ug/L	1.47	03/07/2000 23:05	
<b>Surrogate(s)</b>						

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB8-W	Lab Sample ID: 2000-03-0095-020
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 08:42
Matrix: Water	QC-Batch: 2000/03/07-01.11
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Nitrobenzene-d5	60.2	35-114	%	1.47	03/07/2000 23:05	
2-Fluorobiphenyl	76.4	43-116	%	1.47	03/07/2000 23:05	
p-Terphenyl-d14	69.5	33-141	%	1.47	03/07/2000 23:05	
Phenol-d5	35.7	10-110	%	1.47	03/07/2000 23:05	
2-Fluorophenol	49.7	25-100	%	1.47	03/07/2000 23:05	
2,4,6-Tribromophenol	90.8	10-123	%	1.47	03/07/2000 23:05	

To: **ACC Environmental Consultants**  
 Attn.: Stephen Southern

Test Method: 8270A  
 Prep Method: 3510/8270A  
 3550/8270A

**Batch QC Report**  
 Semi-volatile Organic Compounds

<b>Method Blank</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.11</b>
MB: 2000/03/07-01.11-001		Date Extracted: 03/07/2000 08:42

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	2.0	ug/L	03/07/2000 17:57	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	03/07/2000 17:57	
2-Chlorophenol	ND	2.0	ug/L	03/07/2000 17:57	
1,3-Dichlorobenzene	ND	2.0	ug/L	03/07/2000 17:57	
1,4-Dichlorobenzene	ND	2.0	ug/L	03/07/2000 17:57	
Benzyl alcohol	ND	5.0	ug/L	03/07/2000 17:57	
1,2-Dichlorobenzene	ND	2.0	ug/L	03/07/2000 17:57	
2-Methylphenol	ND	2.0	ug/L	03/07/2000 17:57	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	03/07/2000 17:57	
4-Methylphenol	ND	2.0	ug/L	03/07/2000 17:57	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	03/07/2000 17:57	
Hexachloroethane	ND	2.0	ug/L	03/07/2000 17:57	
Nitrobenzene	ND	2.0	ug/L	03/07/2000 17:57	
Isophorone	ND	2.0	ug/L	03/07/2000 17:57	
2-Nitrophenol	ND	2.0	ug/L	03/07/2000 17:57	
2,4-Dimethylphenol	ND	2.0	ug/L	03/07/2000 17:57	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	03/07/2000 17:57	
2,4-Dichlorophenol	ND	2.0	ug/L	03/07/2000 17:57	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	03/07/2000 17:57	
Naphthalene	ND	2.0	ug/L	03/07/2000 17:57	
4-Chloroaniline	ND	2.0	ug/L	03/07/2000 17:57	
Hexachlorobutadiene	ND	2.0	ug/L	03/07/2000 17:57	
4-Chloro-3-methylphenol	ND	5.0	ug/L	03/07/2000 17:57	
2-Methylnaphthalene	ND	2.0	ug/L	03/07/2000 17:57	
Hexachlorocyclopentadiene	ND	2.0	ug/L	03/07/2000 17:57	
2,4,6-Trichlorophenol	ND	2.0	ug/L	03/07/2000 17:57	
2,4,5-Trichlorophenol	ND	2.0	ug/L	03/07/2000 17:57	
2-Chloronaphthalene	ND	2.0	ug/L	03/07/2000 17:57	
2-Nitroaniline	ND	10	ug/L	03/07/2000 17:57	
Dimethyl phthalate	ND	5.0	ug/L	03/07/2000 17:57	
Acenaphthylene	ND	2.0	ug/L	03/07/2000 17:57	
3-Nitroaniline	ND	10	ug/L	03/07/2000 17:57	
Acenaphthene	ND	2.0	ug/L	03/07/2000 17:57	
2,4-Dinitrophenol	ND	10	ug/L	03/07/2000 17:57	
4-Nitrophenol	ND	10	ug/L	03/07/2000 17:57	
Dibenzofuran	ND	2.0	ug/L	03/07/2000 17:57	
2,4-Dinitrotoluene	ND	2.0	ug/L	03/07/2000 17:57	
2,6-Dinitrotoluene	ND	5.0	ug/L	03/07/2000 17:57	
Diethyl phthalate	ND	5.0	ug/L	03/07/2000 17:57	
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	03/07/2000 17:57	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Batch QC Report Semi-volatile Organic Compounds

<b>Method Blank</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.11</b>
MB: 2000/03/07-01.11-001		Date Extracted: 03/07/2000 08:42

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Fluorene	ND	5.0	ug/L	03/07/2000 17:57	
4-Nitroaniline	ND	10	ug/L	03/07/2000 17:57	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	03/07/2000 17:57	
N-Nitrosodiphenylamine	ND	2.0	ug/L	03/07/2000 17:57	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	03/07/2000 17:57	
Hexachlorobenzene	ND	2.0	ug/L	03/07/2000 17:57	
Pentachlorophenol	ND	10	ug/L	03/07/2000 17:57	
Phenanthrene	ND	2.0	ug/L	03/07/2000 17:57	
Anthracene	ND	2.0	ug/L	03/07/2000 17:57	
Di-n-butyl phthalate	ND	5.0	ug/L	03/07/2000 17:57	
Fluoranthene	ND	2.0	ug/L	03/07/2000 17:57	
Pyrene	ND	2.0	ug/L	03/07/2000 17:57	
Butyl benzyl phthalate	ND	5.0	ug/L	03/07/2000 17:57	
3,3-Dichlorobenzidine	ND	5.0	ug/L	03/07/2000 17:57	
Benzo(a)anthracene	ND	2.0	ug/L	03/07/2000 17:57	
bis(2-Ethylhexyl) phthalate	ND	5.0	ug/L	03/07/2000 17:57	
Chrysene	ND	2.0	ug/L	03/07/2000 17:57	
Di-n-octyl phthalate	ND	5.0	ug/L	03/07/2000 17:57	
Benzo(b)fluoranthene	ND	2.0	ug/L	03/07/2000 17:57	
Benzo(k)fluoranthene	ND	2.0	ug/L	03/07/2000 17:57	
Benzo(a)pyrene	ND	2.0	ug/L	03/07/2000 17:57	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	03/07/2000 17:57	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	03/07/2000 17:57	
Benzo(g,h,i)perylene	ND	2.0	ug/L	03/07/2000 17:57	
Benzoic acid	ND	10	ug/L	03/07/2000 17:57	
<b>Surrogate(s)</b>					
Nitrobenzene-d5	66.4	35-114	%	03/07/2000 17:57	
2-Fluorobiphenyl	76.8	43-116	%	03/07/2000 17:57	
p-Terphenyl-d14	71.2	33-141	%	03/07/2000 17:57	
Phenol-d5	32.4	10-110	%	03/07/2000 17:57	
2-Fluorophenol	50.2	25-100	%	03/07/2000 17:57	
2,4,6-Tribromophenol	71.0	10-123	%	03/07/2000 17:57	

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To: ACC Environmental Consultants

Test Method: 8270A

Attn.: Stephen Southern

Prep Method: 3510/8270A

3550/8270A

**Batch QC Report**  
Semi-volatile Organic Compounds

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/03/07-02.11</b>
MB: 2000/03/07-02.11-001		Date Extracted: 03/07/2000 11:08

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	03/08/2000 01:59	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	03/08/2000 01:59	
2-Chlorophenol	ND	0.10	mg/Kg	03/08/2000 01:59	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	03/08/2000 01:59	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	03/08/2000 01:59	
Benzyl alcohol	ND	0.20	mg/Kg	03/08/2000 01:59	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	03/08/2000 01:59	
2-Methylphenol	ND	0.10	mg/Kg	03/08/2000 01:59	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	03/08/2000 01:59	
4-Methylphenol	ND	0.20	mg/Kg	03/08/2000 01:59	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	03/08/2000 01:59	
Hexachloroethane	ND	0.10	mg/Kg	03/08/2000 01:59	
Nitrobenzene	ND	0.10	mg/Kg	03/08/2000 01:59	
Isophorone	ND	0.10	mg/Kg	03/08/2000 01:59	
2-Nitrophenol	ND	0.10	mg/Kg	03/08/2000 01:59	
2,4-Dimethylphenol	ND	0.10	mg/Kg	03/08/2000 01:59	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	03/08/2000 01:59	
2,4-Dichlorophenol	ND	0.10	mg/Kg	03/08/2000 01:59	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	03/08/2000 01:59	
Naphthalene	ND	0.10	mg/Kg	03/08/2000 01:59	
4-Chloroaniline	ND	0.20	mg/Kg	03/08/2000 01:59	
Hexachlorobutadiene	ND	0.10	mg/Kg	03/08/2000 01:59	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	03/08/2000 01:59	
2-Methylnaphthalene	ND	0.10	mg/Kg	03/08/2000 01:59	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	03/08/2000 01:59	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	03/08/2000 01:59	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	03/08/2000 01:59	
2-Chloronaphthalene	ND	0.10	mg/Kg	03/08/2000 01:59	
2-Nitroaniline	ND	0.50	mg/Kg	03/08/2000 01:59	
Dimethyl phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
Acenaphthylene	ND	0.10	mg/Kg	03/08/2000 01:59	
3-Nitroaniline	ND	0.10	mg/Kg	03/08/2000 01:59	
Acenaphthene	ND	0.10	mg/Kg	03/08/2000 01:59	
2,4-Dinitrophenol	ND	0.50	mg/Kg	03/08/2000 01:59	
4-Nitrophenol	ND	0.50	mg/Kg	03/08/2000 01:59	
Dibenzofuran	ND	0.10	mg/Kg	03/08/2000 01:59	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	03/08/2000 01:59	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	03/08/2000 01:59	
Diethyl phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	03/08/2000 01:59	

To: ACC Environmental Consultants

Test Method: 8270A

Attn.: Stephen Southern

Prep Method: 3510/8270A

3550/8270A

**Batch QC Report**  
Semi-volatile Organic Compounds

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/03/07-02.11</b>
MB: 2000/03/07-02.11-001		Date Extracted: 03/07/2000 11:08

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Fluorene	ND	0.10	mg/Kg	03/08/2000 01:59	
4-Nitroaniline	ND	0.50	mg/Kg	03/08/2000 01:59	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	03/08/2000 01:59	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	03/08/2000 01:59	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	03/08/2000 01:59	
Hexachlorobenzene	ND	0.10	mg/Kg	03/08/2000 01:59	
Pentachlorophenol	ND	0.50	mg/Kg	03/08/2000 01:59	
Phenanthrene	ND	0.10	mg/Kg	03/08/2000 01:59	
Anthracene	ND	0.10	mg/Kg	03/08/2000 01:59	
Di-n-butyl phthalate	ND	2.0	mg/Kg	03/08/2000 01:59	
Fluoranthene	ND	0.10	mg/Kg	03/08/2000 01:59	
Pyrene	ND	0.10	mg/Kg	03/08/2000 01:59	
Butyl benzyl phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzo(a)anthracene	ND	0.10	mg/Kg	03/08/2000 01:59	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
Chrysene	ND	0.10	mg/Kg	03/08/2000 01:59	
Di-n-octyl phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	03/08/2000 01:59	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzo(a)pyrene	ND	0.02	mg/Kg	03/08/2000 01:59	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	03/08/2000 01:59	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzoic acid	ND	0.50	mg/Kg	03/08/2000 01:59	
<b>Surrogate(s)</b>					
Nitrobenzene-d5	52.0	23-120	%	03/08/2000 01:59	
2-Fluorobiphenyl	72.0	30-115	%	03/08/2000 01:59	
p-Terphenyl-d14	58.0	18-137	%	03/08/2000 01:59	
Phenol-d5	67.2	24-113	%	03/08/2000 01:59	
2-Fluorophenol	58.0	25-121	%	03/08/2000 01:59	
2,4,6-Tribromophenol	79.8	19-122	%	03/08/2000 01:59	



To: ACC Environmental Consultants

Test Method: 8270A

Attn: Stephen Southern

Prep Method: 3510/8270A  
3550/8270A

## Batch QC Report

### Semi-volatile Organic Compounds

<b>Laboratory Control Spike (LCS/LCSD)</b>		<b>Water</b>		<b>QC Batch # 2000/03/07-01.11</b>	
LCS: 2000/03/07-01.11-002	Extracted: 03/07/2000 08:42	Analyzed 03/07/2000 18:41			
LCSD: 2000/03/07-01.11-003	Extracted: 03/07/2000 08:42	Analyzed 03/07/2000 19:25			

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Phenol	21.5	19.8	60.0	60.0	35.8	33.0	8.1	12-89	35		
2-Chlorophenol	39.7	38.1	60.0	60.0	66.2	63.5	4.2	23-134	25		
1,4-Dichlorobenzene	23.2	22.1	30.0	30.0	77.3	73.7	4.8	36-97	30		
N-Nitroso-di-n-propylamin	27.0	27.7	30.0	30.0	90.0	92.3	2.5	10-130	34		
1,2,4-Trichlorobenzene	18.5	18.4	30.0	30.0	61.7	61.3	0.7	44-142	35		
4-Chloro-3-methylphenol	39.9	41.5	60.0	60.0	66.5	69.2	4.0	22-147	31		
Acenaphthene	25.6	26.3	30.0	30.0	85.3	87.7	2.8	56-118	30		
4-Nitrophenol	15.9	14.2	60.0	60.0	26.5	23.7	11.2	1-51	35		
2,4-Dinitrotoluene	22.6	23.6	30.0	30.0	75.3	78.7	4.4	39-139	35		
Pentachlorophenol	35.8	36.4	60.0	60.0	59.7	60.7	1.7	45-125	35		
Pyrene	22.1	21.6	30.0	30.0	73.7	72.0	2.3	52-115	35		
<b>Surrogate(s)</b>											
Nitrobenzene-d5	20.5	19.6	25	25	82.0	78.4		35-114			
2-Fluorobiphenyl	23.4	22.9	25	25	93.6	91.6		43-116			
p-Terphenyl-d14	21.4	20.1	25	25	85.6	80.4		33-141			
Phenol-d5	22.3	19.8	50	50	44.6	39.6		10-110			
2-Fluorophenol	34.0	29.6	50	50	68.0	59.2		25-100			
2,4,6-Tribromophenol	46.3	46.3	50	50	92.6	92.6		10-123			

To: ACC Environmental Consultants

Attn: Stephen Southern

Test Method: 8270A

Prep Method: 3510/8270A  
3550/8270A

## Batch QC Report

### Semi-volatile Organic Compounds

#### Laboratory Control Spike (LCS/LCSD)

#### Soil

QC Batch # 2000/03/07-02.11

LCS: 2000/03/07-02.11-002

Extracted: 03/07/2000 11:08

Analyzed 03/08/2000 03:38

LCSD: 2000/03/07-02.11-003

Extracted: 03/07/2000 11:08

Analyzed 03/08/2000 04:21

Compound	Conc. [ mg/Kg ]		Exp. Conc. [ mg/Kg ]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Phenol	1.58	1.60	2.00	2.00	79.0	80.0	1.3	20-90	35		
2-Chlorophenol	1.47	1.50	2.00	2.00	73.5	75.0	2.0	27-123	35		
1,4-Dichlorobenzene	0.780	0.810	1.000	1.000	78.0	81.0	3.8	28-104	30		
N-Nitroso-di-n-propylamin	1.00	1.01	1.000	1.000	100.0	101.0	1.0	25-114	39		
1,2,4-Trichlorobenzene	0.660	0.670	1.000	1.000	66.0	67.0	1.5	38-107	35		
4-Chloro-3-methylphenol	1.49	1.49	2.00	2.00	74.5	74.5	0.0	26-103	33		
Acenaphthene	0.940	0.960	1.000	1.000	94.0	96.0	2.1	49-102	30		
4-Nitrophenol	1.63	1.66	2.00	2.00	81.5	83.0	1.8	17-109	35		
2,4-Dinitrotoluene	0.830	0.850	1.000	1.000	83.0	85.0	2.4	28-89	38		
Pentachlorophenol	1.48	1.52	2.00	2.00	74.0	76.0	2.7	11-114	35		
Pyrene	0.750	0.740	1.000	1.000	75.0	74.0	1.3	25-117	35		
<b>Surrogate(s)</b>											
Nitrobenzene-d5	11.3	11.2	25	25	45.2	44.8		23-120			
2-Fluorobiphenyl	18.3	18.6	25	25	73.2	74.4		30-115			
p-Terphenyl-d14	16.6	16.6	25	25	66.4	66.4		18-137			
Phenol-d5	33.6	34.6	50	50	67.2	69.2		24-113			
2-Fluorophenol	25.4	25.4	50	50	50.8	50.8		25-121			
2,4,6-Tribromophenol	39.6	40.4	50	50	79.2	80.8		19-122			

To: **ACC Environmental Consultants**  
Attn: Stephen Southern

Test Method: 8270A  
Prep Method: 3510/8270A  
3550/8270A

**Legend & Notes**

Semi-volatile Organic Compounds

**Analysis Flags**

lrn

Reporting limits raised due to high level of non-target analyte materials.

rl

Reporting limits raised due to reduced sample size.

Metals

<b>ACC Environmental Consultants</b>	✉ 7977 Capwell Drive, Suite 100 Oakland, CA 94621
Attn: Stephen Southern	Phone: (510) 638-8400 Fax: (510) 638-8404
Project #: 00-6073-011.00	Project: Hayward

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB1-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	1
EB1-10.0/11.0/12.0 COMP	Soil	03/06/2000	2
EB1-W	Water	03/06/2000 10:30	3
EB2-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	4
EB2-9.0/10.0/11.0/12.0 COMP	Soil	03/06/2000	5
EB2-W	Water	03/06/2000 11:20	6
EB3-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	7
EB3-10.0/11.0/12.0 COMP	Soil	03/06/2000	8
EB3-W	Water	03/06/2000 11:20	9
EB4-4.0/7.0/8.0 COMP	Soil	03/06/2000	10
EB4-W	Water	03/06/2000 14:15	11
EB5-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	12
EB5-W	Water	03/06/2000 14:30	13
EB6-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	14
EB6-W	Water	03/06/2000 15:05	16
EB7-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	17
EB7-W	Water	03/06/2000 15:50	18
EB8-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	19
EB8-W	Water	03/06/2000 16:45	20

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.62	0.50	mg/Kg	1.00	03/07/2000 21:17	
Chromium	40	1.0	mg/Kg	1.00	03/07/2000 21:17	
Lead	33	1.0	mg/Kg	1.00	03/07/2000 21:17	
Nickel	43	1.0	mg/Kg	1.00	03/07/2000 21:17	
Zinc	110	1.0	mg/Kg	1.00	03/07/2000 21:17	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.59	0.50	mg/Kg	1.00	03/07/2000 21:20	
Chromium	42	1.0	mg/Kg	1.00	03/07/2000 21:20	
Lead	8.4	1.0	mg/Kg	1.00	03/07/2000 21:20	
Nickel	41	1.0	mg/Kg	1.00	03/07/2000 21:20	
Zinc	47	1.0	mg/Kg	1.00	03/07/2000 21:20	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.015	0.0020	mg/L	1.00	03/07/2000 12:42	
Chromium	0.70	0.0050	mg/L	1.00	03/07/2000 12:42	
Lead	0.16	0.0050	mg/L	1.00	03/07/2000 12:42	
Nickel	0.71	0.0050	mg/L	1.00	03/07/2000 12:42	
Zinc	1.2	0.010	mg/L	1.00	03/07/2000 12:42	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: <b>EB2-5.0/6.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-004</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	03/07/2000 21:24	
Chromium	33	1.0	mg/Kg	1.00	03/07/2000 21:24	
Lead	9.3	1.0	mg/Kg	1.00	03/07/2000 21:24	
Nickel	35	1.0	mg/Kg	1.00	03/07/2000 21:24	
Zinc	41	1.0	mg/Kg	1.00	03/07/2000 21:24	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	03/07/2000 21:27	
Chromium	27	1.0	mg/Kg	1.00	03/07/2000 21:27	
Lead	5.9	1.0	mg/Kg	1.00	03/07/2000 21:27	
Nickel	31	1.0	mg/Kg	1.00	03/07/2000 21:27	
Zinc	30	1.0	mg/Kg	1.00	03/07/2000 21:27	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 6010B  
Prep Method: 3010A  
3050B

## Metals

Sample ID: EB2-W	Lab Sample ID: 2000-03-0095-006
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.0078	0.0020	mg/L	1.00	03/07/2000 12:46	
Chromium	0.48	0.0050	mg/L	1.00	03/07/2000 12:46	
Lead	0.14	0.0050	mg/L	1.00	03/07/2000 12:46	
Nickel	0.49	0.0050	mg/L	1.00	03/07/2000 12:46	
Zinc	0.78	0.010	mg/L	1.00	03/07/2000 12:46	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	03/07/2000 21:59	
Chromium	30	1.0	mg/Kg	1.00	03/07/2000 21:59	
Lead	8.9	1.0	mg/Kg	1.00	03/07/2000 21:59	
Nickel	30	1.0	mg/Kg	1.00	03/07/2000 21:59	
Zinc	35	1.0	mg/Kg	1.00	03/07/2000 21:59	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B  
Prep Method: 3010A  
3050B

## Metals

Sample ID: EB3-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-008
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep. Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	03/07/2000 22:03	
Chromium	29	1.0	mg/Kg	1.00	03/07/2000 22:03	
Lead	8.8	1.0	mg/Kg	1.00	03/07/2000 22:03	
Nickel	31	1.0	mg/Kg	1.00	03/07/2000 22:03	
Zinc	39	1.0	mg/Kg	1.00	03/07/2000 22:03	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.0093	0.0020	mg/L	1.00	03/07/2000 12:49	
Chromium	0.53	0.0050	mg/L	1.00	03/07/2000 12:49	
Lead	0.24	0.0050	mg/L	1.00	03/07/2000 12:49	
Nickel	0.56	0.0050	mg/L	1.00	03/07/2000 12:49	
Zinc	0.93	0.010	mg/L	1.00	03/07/2000 12:49	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: EB4-4.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-010
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	03/07/2000 22:06	
Chromium	33	1.0	mg/Kg	1.00	03/07/2000 22:06	
Lead	6.2	1.0	mg/Kg	1.00	03/07/2000 22:06	
Nickel	37	1.0	mg/Kg	1.00	03/07/2000 22:06	
Zinc	35	1.0	mg/Kg	1.00	03/07/2000 22:06	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: EB4-W	Lab Sample ID: 2000-03-0095-011
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.0020	mg/L	1.00	03/07/2000 12:53	
Chromium	0.051	0.0050	mg/L	1.00	03/07/2000 12:53	
Lead	ND	0.0050	mg/L	1.00	03/07/2000 12:53	
Nickel	0.046	0.0050	mg/L	1.00	03/07/2000 12:53	
Zinc	0.10	0.010	mg/L	1.00	03/07/2000 12:53	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: <b>EB5-5.0/6.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-012</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04:15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.51	0.50	mg/Kg	1.00	03/07/2000 22:09	
Chromium	36	1.0	mg/Kg	1.00	03/07/2000 22:09	
Lead	8.9	1.0	mg/Kg	1.00	03/07/2000 22:09	
Nickel	41	1.0	mg/Kg	1.00	03/07/2000 22:09	
Zinc	43	1.0	mg/Kg	1.00	03/07/2000 22:09	



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: <b>EB5-W</b>	Lab Sample ID: <b>2000-03-0095-013</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.019	0.0020	mg/L	1.00	03/07/2000 13:18	
Chromium	1.0	0.0050	mg/L	1.00	03/07/2000 13:18	
Lead	0.21	0.0050	mg/L	1.00	03/07/2000 13:18	
Nickel	1.3	0.0050	mg/L	1.00	03/07/2000 13:18	
Zinc	1.4	0.010	mg/L	1.00	03/07/2000 13:18	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	03/07/2000 22:13	
Chromium	35	1.0	mg/Kg	1.00	03/07/2000 22:13	
Lead	6.9	1.0	mg/Kg	1.00	03/07/2000 22:13	
Nickel	37	1.0	mg/Kg	1.00	03/07/2000 22:13	
Zinc	36	1.0	mg/Kg	1.00	03/07/2000 22:13	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: <b>EB6-W</b>	Lab Sample ID: <b>2000-03-0095-016</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.0076	0.0020	mg/L	1.00	03/07/2000 13:21	
Chromium	0.40	0.0050	mg/L	1.00	03/07/2000 13:21	
Lead	0.069	0.0050	mg/L	1.00	03/07/2000 13:21	
Nickel	0.47	0.0050	mg/L	1.00	03/07/2000 13:21	
Zinc	0.59	0.010	mg/L	1.00	03/07/2000 13:21	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.51	0.50	mg/Kg	1.00	03/07/2000 22:16	
Chromium	36	1.0	mg/Kg	1.00	03/07/2000 22:16	
Lead	10	1.0	mg/Kg	1.00	03/07/2000 22:16	
Nickel	39	1.0	mg/Kg	1.00	03/07/2000 22:16	
Zinc	44	1.0	mg/Kg	1.00	03/07/2000 22:16	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Metals

Sample ID: EB7-W	Lab Sample ID: 2000-03-0095-018
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.0078	0.0020	mg/L	1.00	03/07/2000 13:24	
Chromium	0.50	0.0050	mg/L	1.00	03/07/2000 13:24	
Lead	0.077	0.0050	mg/L	1.00	03/07/2000 13:24	
Nickel	0.54	0.0050	mg/L	1.00	03/07/2000 13:24	
Zinc	0.68	0.010	mg/L	1.00	03/07/2000 13:24	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:56
Matrix: Soil	QC-Batch: 2000/03/07-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	03/07/2000 22:20	
Chromium	36	1.0	mg/Kg	1.00	03/07/2000 22:20	
Lead	6.4	1.0	mg/Kg	1.00	03/07/2000 22:20	
Nickel	40	1.0	mg/Kg	1.00	03/07/2000 22:20	
Zinc	36	1.0	mg/Kg	1.00	03/07/2000 22:20	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Metals

Sample ID: EB8-W	Lab Sample ID: 2000-03-0095-020
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 08:20
Matrix: Water	QC-Batch: 2000/03/07-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Cadmium	0.023	0.0020	mg/L	1.00	03/07/2000 13:28	
Chromium	1.2	0.0050	mg/L	1.00	03/07/2000 13:28	
Lead	0.23	0.0050	mg/L	1.00	03/07/2000 13:28	
Nickel	1.3	0.0050	mg/L	1.00	03/07/2000 13:28	
Zinc	1.7	0.010	mg/L	1.00	03/07/2000 13:28	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 6010B

Prep Method: 3010A

3050B

## Batch QC Report Metals

<b>Method Blank</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.15</b>
MB: 2000/03/07-01.15-042		Date Extracted: 03/07/2000 08:20

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Cadmium	ND	0.0020	mg/L	03/07/2000 12:27	
Chromium	ND	0.0050	mg/L	03/07/2000 12:27	
Lead	ND	0.0050	mg/L	03/07/2000 12:27	
Nickel	ND	0.0050	mg/L	03/07/2000 12:27	
Zinc	ND	0.010	mg/L	03/07/2000 12:27	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 6010B

Attn.: Stephen Southern

Prep Method: 3010A

3050B

## Batch QC Report Metals

Method Blank	Soil	QC Batch # 2000/03/07-04.15
MB: 2000/03/07-04.15-032		Date Extracted: 03/07/2000 14:56

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	03/07/2000 20:56	
Chromium	ND	1.0	mg/Kg	03/07/2000 20:56	
Lead	ND	1.0	mg/Kg	03/07/2000 20:56	
Nickel	ND	1.0	mg/Kg	03/07/2000 20:56	
Zinc	ND	1.0	mg/Kg	03/07/2000 20:56	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn: Stephen Southern

Test Method: 6010B

Prep Method: 3010A  
3050B

## Batch QC Report

Metals

<b>Laboratory Control Spike (LCS/LCSD)</b>		<b>Water</b>		<b>QC Batch # 2000/03/07-01.15</b>	
LCS:	2000/03/07-01.15-043	Extracted:	03/07/2000 08:20	Analyzed	03/07/2000 12:31
LCSD:	2000/03/07-01.15-044	Extracted:	03/07/2000 08:20	Analyzed	03/07/2000 12:35

Compound	Conc. [mg/L]		Exp. Conc. [mg/L]		Recovery [%]			Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	RPD [%]	Recovery	RPD	LCS	LCSD
Cadmium	0.440	0.444	0.500	0.500	88.0	88.8	0.9	80-120	20		
Chromium	0.450	0.455	0.500	0.500	90.0	91.0	1.1	80-120	20		
Lead	0.456	0.462	0.500	0.500	91.2	92.4	1.3	80-120	20		
Nickel	0.460	0.464	0.500	0.500	92.0	92.8	0.9	80-120	20		
Zinc	0.464	0.467	0.500	0.500	92.8	93.4	0.6	80-120	20		

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 6010B

Attn: Stephen Southern

Prep Method: 3010A

3050B

## Batch QC Report

### Metals

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/03/07-04.15	
LCS:	2000/03/07-04.15-033	Extracted:	03/07/2000 14:56	Analyzed:	03/07/2000 21:00
LCSD:	2000/03/07-04.15-034	Extracted:	03/07/2000 14:56	Analyzed:	03/07/2000 21:03

Compound	Conc. [ mg/Kg ]		Exp.Conc. [ mg/Kg ]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Cadmium	97.6	99.5	100.0	100.0	97.6	99.5	1.9	80-120	20		
Chromium	105	109	100.0	100.0	105.0	109.0	3.7	80-120	20		
Lead	98.8	102	100.0	100.0	98.8	102.0	3.2	80-120	20		
Nickel	95.7	97.4	100.0	100.0	95.7	97.4	1.8	80-120	20		
Zinc	95.0	96.8	100.0	100.0	95.0	96.8	1.9	80-120	20		

## Volatile Organic Compounds

### ACC Environmental Consultants

✉ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

### Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB1-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	1
EB1-10.0/11.0/12.0 COMP	Soil	03/06/2000	2
EB2-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	4
EB2-9.0/10.0/11.0/12.0 COMP	Soil	03/06/2000	5
EB3-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	7
EB3-10.0/11.0/12.0 COMP	Soil	03/06/2000	8
EB4-4.0/7.0/8.0 COMP	Soil	03/06/2000	10
EB5-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	12
EB6-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	14
EB7-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	17
EB8-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	19

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:27
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 14:27	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 14:27	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 14:27	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 14:27	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 14:27	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 14:27	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 14:27	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 14:27	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 14:27	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 14:27	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 14:27	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 14:27	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 14:27	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:27
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 14:27	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 14:27	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 14:27	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 14:27	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 14:27	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	123.4	74-121	%	1.00	03/07/2000 14:27	sh
1,2-Dichloroethane-d4	77.8	70-121	%	1.00	03/07/2000 14:27	
Toluene-d8	95.5	81-117	%	1.00	03/07/2000 14:27	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 15:11
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 15:11	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 15:11	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 15:11	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 15:11	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 15:11	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 15:11	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 15:11	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 15:11	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 15:11	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 15:11	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 15:11	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 15:11	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 15:11	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 15:11
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 15:11	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 15:11	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 15:11	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:11	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 15:11	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	114.1	74-121	%	1.00	03/07/2000 15:11	
1,2-Dichloroethane-d4	78.7	70-121	%	1.00	03/07/2000 15:11	
Toluene-d8	94.2	81-117	%	1.00	03/07/2000 15:11	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-004
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 15:50
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 15:50	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 15:50	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 15:50	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 15:50	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 15:50	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 15:50	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 15:50	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 15:50	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 15:50	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 15:50	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Ethylbenzene	6.9	5.0	ug/Kg	1.00	03/07/2000 15:50	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 15:50	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 15:50	
Naphthalene	93	10	ug/Kg	1.00	03/07/2000 15:50	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-004
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 15:50
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 15:50	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 15:50	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Isopropylbenzene	24	5.0	ug/Kg	1.00	03/07/2000 15:50	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 15:50	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 15:50	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 15:50	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	115.4	74-121	%	1.00	03/07/2000 15:50	
1,2-Dichloroethane-d4	87.5	70-121	%	1.00	03/07/2000 15:50	
Toluene-d8	95.7	81-117	%	1.00	03/07/2000 15:50	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 16:29
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 16:29	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 16:29	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 16:29	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 16:29	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 16:29	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 16:29	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 16:29	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 16:29	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 16:29	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 16:29	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 16:29	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 16:29	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 16:29	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 16:29
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 16:29	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 16:29	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Isopropylbenzene	11	5.0	ug/Kg	1.00	03/07/2000 16:29	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 16:29	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 16:29	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 16:29	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	107.7	74-121	%	1.00	03/07/2000 16:29	
1,2-Dichloroethane-d4	85.8	70-121	%	1.00	03/07/2000 16:29	
Toluene-d8	99.2	81-117	%	1.00	03/07/2000 16:29	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 17:07
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 17:07	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 17:07	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 17:07	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 17:07	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 17:07	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 17:07	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 17:07	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 17:07	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 17:07	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 17:07	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 17:07	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 17:07	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 17:07	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 17:07
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 17:07	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 17:07	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 17:07	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 17:07	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 17:07	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	112.9	74-121	%	1.00	03/07/2000 17:07	
1,2-Dichloroethane-d4	82.2	70-121	%	1.00	03/07/2000 17:07	
Toluene-d8	95.6	81-117	%	1.00	03/07/2000 17:07	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB3-10.0/11.0/12.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-008</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/08/2000 13:02
Matrix: Soil	QC-Batch: 2000/03/08-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/08/2000 13:02	
Benzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Bromoform	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Bromomethane	ND	10	ug/Kg	1.00	03/08/2000 13:02	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Chloroethane	ND	10	ug/Kg	1.00	03/08/2000 13:02	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/08/2000 13:02	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/08/2000 13:02	
Chloroform	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Chloromethane	ND	10	ug/Kg	1.00	03/08/2000 13:02	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/08/2000 13:02	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/08/2000 13:02	
Dibromomethane	ND	10	ug/Kg	1.00	03/08/2000 13:02	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/08/2000 13:02	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
2-Hexanone	ND	50	ug/Kg	1.00	03/08/2000 13:02	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/08/2000 13:02	
Naphthalene	ND	10	ug/Kg	1.00	03/08/2000 13:02	
Styrene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB3-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-008
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/08/2000 13:02
Matrix: Soil	QC-Batch: 2000/03/08-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Toluene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Vinyl acetate	ND	50	ug/Kg	1.00	03/08/2000 13:02	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Total xylenes	ND	10	ug/Kg	1.00	03/08/2000 13:02	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
Bromochloromethane	ND	20	ug/Kg	1.00	03/08/2000 13:02	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/08/2000 13:02	
MTBE	ND	50	ug/Kg	1.00	03/08/2000 13:02	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	116.4	74-121	%	1.00	03/08/2000 13:02	
1,2-Dichloroethane-d4	81.0	70-121	%	1.00	03/08/2000 13:02	
Toluene-d8	99.6	81-117	%	1.00	03/08/2000 13:02	



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB4-4.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-010
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 18:24
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 18:24	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 18:24	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 18:24	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 18:24	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 18:24	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 18:24	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 18:24	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 18:24	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 18:24	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 18:24	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 18:24	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 18:24	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 18:24	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB4-4.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-010</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 18:24
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 18:24	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 18:24	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 18:24	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 18:24	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 18:24	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	112.6	74-121	%	1.00	03/07/2000 18:24	
1,2-Dichloroethane-d4	81.8	70-121	%	1.00	03/07/2000 18:24	
Toluene-d8	95.5	81-117	%	1.00	03/07/2000 18:24	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB5-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-012
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 19:02
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 19:02	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 19:02	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 19:02	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 19:02	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 19:02	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 19:02	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 19:02	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 19:02	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 19:02	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 19:02	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 19:02	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 19:02	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 19:02	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB5-5.0/6.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-012</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 19:02
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 19:02	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 19:02	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 19:02	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:02	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 19:02	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	104.9	74-121	%	1.00	03/07/2000 19:02	
1,2-Dichloroethane-d4	82.3	70-121	%	1.00	03/07/2000 19:02	
Toluene-d8	99.6	81-117	%	1.00	03/07/2000 19:02	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB6-5.0/6.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-014</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 19:41
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 19:41	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 19:41	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 19:41	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 19:41	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 19:41	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 19:41	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 19:41	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 19:41	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 19:41	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 19:41	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 19:41	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 19:41	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 19:41	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 19:41
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 19:41	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 19:41	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 19:41	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 19:41	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 19:41	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	109.5	74-121	%	1.00	03/07/2000 19:41	
1,2-Dichloroethane-d4	85.4	70-121	%	1.00	03/07/2000 19:41	
Toluene-d8	98.8	81-117	%	1.00	03/07/2000 19:41	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 20:19
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 20:19	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 20:19	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 20:19	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 20:19	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 20:19	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 20:19	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 20:19	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 20:19	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 20:19	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 20:19	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 20:19	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 20:19	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 20:19	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 20:19
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 20:19	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 20:19	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 20:19	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 20:19	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 20:19	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	110.0	74-121	%	1.00	03/07/2000 20:19	
1,2-Dichloroethane-d4	91.6	70-121	%	1.00	03/07/2000 20:19	
Toluene-d8	100.6	81-117	%	1.00	03/07/2000 20:19	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 22:15
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	03/07/2000 22:15	
Benzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Bromoform	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Bromomethane	ND	10	ug/Kg	1.00	03/07/2000 22:15	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Chlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Chloroethane	ND	10	ug/Kg	1.00	03/07/2000 22:15	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	03/07/2000 22:15	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	03/07/2000 22:15	
Chloroform	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Chloromethane	ND	10	ug/Kg	1.00	03/07/2000 22:15	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	03/07/2000 22:15	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	03/07/2000 22:15	
Dibromomethane	ND	10	ug/Kg	1.00	03/07/2000 22:15	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	03/07/2000 22:15	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Ethylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
2-Hexanone	ND	50	ug/Kg	1.00	03/07/2000 22:15	
Methylene chloride	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	03/07/2000 22:15	
Naphthalene	ND	10	ug/Kg	1.00	03/07/2000 22:15	
Styrene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 22:15
Matrix: Soil	QC-Batch: 2000/03/07-01.09

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Toluene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Trichloroethene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Vinyl acetate	ND	50	ug/Kg	1.00	03/07/2000 22:15	
Vinyl chloride	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Total xylenes	ND	10	ug/Kg	1.00	03/07/2000 22:15	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Carbon disulfide	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Bromobenzene	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
Bromochloromethane	ND	20	ug/Kg	1.00	03/07/2000 22:15	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	03/07/2000 22:15	
MTBE	ND	50	ug/Kg	1.00	03/07/2000 22:15	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	117.4	74-121	%	1.00	03/07/2000 22:15	
1,2-Dichloroethane-d4	85.5	70-121	%	1.00	03/07/2000 22:15	
Toluene-d8	96.1	81-117	%	1.00	03/07/2000 22:15	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report Volatile Organic Compounds

Method Blank	Soil	QC Batch # 2000/03/08-01.09
MB: 2000/03/08-01.09-001		Date Extracted: 03/08/2000 11:38

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	03/08/2000 11:38	
Benzene	ND	5.0	ug/Kg	03/08/2000 11:38	
Bromodichloromethane	ND	5.0	ug/Kg	03/08/2000 11:38	
Bromoform	ND	5.0	ug/Kg	03/08/2000 11:38	
Bromomethane	ND	10.0	ug/Kg	03/08/2000 11:38	
Carbon tetrachloride	ND	5.0	ug/Kg	03/08/2000 11:38	
Chlorobenzene	ND	5.0	ug/Kg	03/08/2000 11:38	
Chloroethane	ND	10	ug/Kg	03/08/2000 11:38	
2-Butanone(MEK)	ND	50	ug/Kg	03/08/2000 11:38	
2-Chloroethylvinyl ether	ND	50	ug/Kg	03/08/2000 11:38	
Chloroform	ND	5.0	ug/Kg	03/08/2000 11:38	
Chloromethane	ND	10	ug/Kg	03/08/2000 11:38	
Dibromochloromethane	ND	5.0	ug/Kg	03/08/2000 11:38	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	03/08/2000 11:38	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	03/08/2000 11:38	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	03/08/2000 11:38	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	03/08/2000 11:38	
1,2-Dibromoethane	ND	10	ug/Kg	03/08/2000 11:38	
Dibromomethane	ND	10	ug/Kg	03/08/2000 11:38	
Dichlorodifluoromethane	ND	10	ug/Kg	03/08/2000 11:38	
1,1-Dichloroethane	ND	5.0	ug/Kg	03/08/2000 11:38	
1,2-Dichloroethane	ND	5.0	ug/Kg	03/08/2000 11:38	
1,1-Dichloroethene	ND	5.0	ug/Kg	03/08/2000 11:38	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	03/08/2000 11:38	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	03/08/2000 11:38	
1,2-Dichloropropane	ND	5.0	ug/Kg	03/08/2000 11:38	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	03/08/2000 11:38	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	03/08/2000 11:38	
Ethylbenzene	ND	5.0	ug/Kg	03/08/2000 11:38	
2-Hexanone	ND	50	ug/Kg	03/08/2000 11:38	
Methylene chloride	ND	5.0	ug/Kg	03/08/2000 11:38	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	03/08/2000 11:38	
Naphthalene	ND	10	ug/Kg	03/08/2000 11:38	
Styrene	ND	5.0	ug/Kg	03/08/2000 11:38	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	03/08/2000 11:38	
Tetrachloroethene	ND	5.0	ug/Kg	03/08/2000 11:38	
Toluene	ND	5.0	ug/Kg	03/08/2000 11:38	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	03/08/2000 11:38	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	03/08/2000 11:38	
Trichloroethene	ND	5.0	ug/Kg	03/08/2000 11:38	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report Volatile Organic Compounds

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/03/08-01.09</b>
MB: 2000/03/08-01.09-001		Date Extracted: 03/08/2000 11:38

Compound	Result	Rep.Limit	Units	Analyzed	Flag
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	03/08/2000 11:38	
Vinyl acetate	ND	50	ug/Kg	03/08/2000 11:38	
Vinyl chloride	ND	5.0	ug/Kg	03/08/2000 11:38	
Total xylenes	ND	10	ug/Kg	03/08/2000 11:38	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	03/08/2000 11:38	
Carbon disulfide	ND	5.0	ug/Kg	03/08/2000 11:38	
Isopropylbenzene	ND	5.0	ug/Kg	03/08/2000 11:38	
Bromobenzene	ND	5.0	ug/Kg	03/08/2000 11:38	
Bromochloromethane	ND	20	ug/Kg	03/08/2000 11:38	
Trichlorofluoromethane	ND	5.0	ug/Kg	03/08/2000 11:38	
MTBE	ND	50	ug/Kg	03/08/2000 11:38	
<b>Surrogate(s)</b>					
4-Bromofluorobenzene	105.2	74-121	%	03/08/2000 11:38	
1,2-Dichloroethane-d4	83.0	70-121	%	03/08/2000 11:38	
Toluene-d8	99.8	81-117	%	03/08/2000 11:38	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report Volatile Organic Compounds

Method Blank

Soil

QC Batch # 2000/03/07-01.09

MB: 2000/03/07-01.09-001

Date Extracted: 03/07/2000 13:04

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	03/07/2000 13:04	
Benzene	ND	5.0	ug/Kg	03/07/2000 13:04	
Bromodichloromethane	ND	5.0	ug/Kg	03/07/2000 13:04	
Bromoform	ND	5.0	ug/Kg	03/07/2000 13:04	
Bromomethane	ND	10.0	ug/Kg	03/07/2000 13:04	
Carbon tetrachloride	ND	5.0	ug/Kg	03/07/2000 13:04	
Chlorobenzene	ND	5.0	ug/Kg	03/07/2000 13:04	
Chloroethane	ND	10	ug/Kg	03/07/2000 13:04	
2-Butanone(MEK)	ND	50	ug/Kg	03/07/2000 13:04	
2-Chloroethylvinyl ether	ND	50	ug/Kg	03/07/2000 13:04	
Chloroform	ND	5.0	ug/Kg	03/07/2000 13:04	
Chloromethane	ND	10	ug/Kg	03/07/2000 13:04	
Dibromochloromethane	ND	5.0	ug/Kg	03/07/2000 13:04	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	03/07/2000 13:04	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	03/07/2000 13:04	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	03/07/2000 13:04	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	03/07/2000 13:04	
1,2-Dibromoethane	ND	10	ug/Kg	03/07/2000 13:04	
Dibromomethane	ND	10	ug/Kg	03/07/2000 13:04	
Dichlorodifluoromethane	ND	10	ug/Kg	03/07/2000 13:04	
1,1-Dichloroethane	ND	5.0	ug/Kg	03/07/2000 13:04	
1,2-Dichloroethane	ND	5.0	ug/Kg	03/07/2000 13:04	
1,1-Dichloroethene	ND	5.0	ug/Kg	03/07/2000 13:04	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	03/07/2000 13:04	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	03/07/2000 13:04	
1,2-Dichloropropane	ND	5.0	ug/Kg	03/07/2000 13:04	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	03/07/2000 13:04	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	03/07/2000 13:04	
Ethylbenzene	ND	5.0	ug/Kg	03/07/2000 13:04	
2-Hexanone	ND	50	ug/Kg	03/07/2000 13:04	
Methylene chloride	ND	5.0	ug/Kg	03/07/2000 13:04	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	03/07/2000 13:04	
Naphthalene	ND	10	ug/Kg	03/07/2000 13:04	
Styrene	ND	5.0	ug/Kg	03/07/2000 13:04	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	03/07/2000 13:04	
Tetrachloroethene	ND	5.0	ug/Kg	03/07/2000 13:04	
Toluene	ND	5.0	ug/Kg	03/07/2000 13:04	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	03/07/2000 13:04	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	03/07/2000 13:04	
Trichloroethene	ND	5.0	ug/Kg	03/07/2000 13:04	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	03/07/2000 13:04	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report Volatile Organic Compounds

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/03/07-01.09</b>
MB: 2000/03/07-01.09-001		Date Extracted: 03/07/2000 13:04

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Vinyl acetate	ND	50	ug/Kg	03/07/2000 13:04	
Vinyl chloride	ND	5.0	ug/Kg	03/07/2000 13:04	
Total xylenes	ND	10	ug/Kg	03/07/2000 13:04	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	03/07/2000 13:04	
Carbon disulfide	ND	5.0	ug/Kg	03/07/2000 13:04	
Isopropylbenzene	ND	5.0	ug/Kg	03/07/2000 13:04	
Bromobenzene	ND	5.0	ug/Kg	03/07/2000 13:04	
Bromochloromethane	ND	20	ug/Kg	03/07/2000 13:04	
Trichlorofluoromethane	ND	5.0	ug/Kg	03/07/2000 13:04	
MTBE	ND	50	ug/Kg	03/07/2000 13:04	
<b>Surrogate(s)</b>					
4-Bromofluorobenzene	107.6	74-121	%	03/07/2000 13:04	
1,2-Dichloroethane-d4	83.8	70-121	%	03/07/2000 13:04	
Toluene-d8	96.6	81-117	%	03/07/2000 13:04	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn: Stephen Southern

Prep Method: 5030

## Batch QC Report

### Volatile Organic Compounds

<b>Laboratory Control Spike (LCS/LCSD)</b>		<b>Soil</b>		<b>QC Batch # 2000/03/08-01.09</b>	
LCS:	2000/03/08-01.09-002	Extracted:	03/08/2000 10:13	Analyzed	03/08/2000 10:13
LCSD:	2000/03/08-01.09-003	Extracted:	03/08/2000 10:59	Analyzed	03/08/2000 10:59

Compound	Conc. [ug/Kg]		Exp. Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	97.1	99.1	100.0	100.0	97.1	99.1	2.0	69-129	20		
Chlorobenzene	119	118	100.0	100.0	119.0	118.0	0.8	61-121	20		
1,1-Dichloroethene	100	99.2	100.0	100.0	100.0	99.2	0.8	65-125	20		
Toluene	97.7	101	100.0	100.0	97.7	101.0	3.3	70-130	20		
Trichloroethene	85.6	89.9	100.0	100.0	85.6	89.9	4.9	74-134	20		
<b>Surrogate(s)</b>											
4-Bromofluorobenzene	538	534	500	500	107.6	106.8		74-121			
1,2-Dichloroethane-d4	406	415	500	500	81.2	83.0		70-121			
Toluene-d8	483	503	500	500	96.6	100.6		81-117			

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To: ACC Environmental Consultants

Test Method: 8260A

Attn: Stephen Southern

Prep Method: 5030

## Batch QC Report

### Volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/03/07-01.09	
LCS:	2000/03/07-01.09-002	Extracted:	03/07/2000 11:39	Analyzed	03/07/2000 11:39
LCSD:	2000/03/07-01.09-003	Extracted:	03/07/2000 13:42	Analyzed	03/07/2000 13:42

Compound	Conc. [ug/Kg]		Exp. Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	91.9	89.8	100.0	100.0	91.9	89.8	2.3	69-129	20		
Chlorobenzene	117	113	100.0	100.0	117.0	113.0	3.5	61-121	20		
1,1-Dichloroethene	90.2	84.7	100.0	100.0	90.2	84.7	6.3	65-125	20		
Toluene	92.0	89.5	100.0	100.0	92.0	89.5	2.8	70-130	20		
Trichloroethene	82.5	82.6	100.0	100.0	82.5	82.6	0.1	74-134	20		
<b>Surrogate(s)</b>											
4-Bromofluorobenzene	538	548	500	500	107.6	109.6		74-121			
1,2-Dichloroethane-d4	426	407	500	500	85.2	81.4		70-121			
Toluene-d8	491	468	500	500	98.2	93.6		81-117			



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report

Volatile Organic Compounds

Matrix Spike ( MS / MSD )

Soil

QC Batch # 2000/03/07-01.09

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP

Lab Sample ID: 2000-03-0095-017

MS: 2000/03/07-01.09-004 Extracted: 03/07/2000 20:58 Analyzed: 03/07/2000 20:58 Dilution: 1.0

MSD: 2000/03/07-01.09-005 Extracted: 03/07/2000 21:36 Analyzed: 03/07/2000 21:36 Dilution: 1.0

Compound	Conc. [ ug/Kg ]			Exp. Conc. [ ug/Kg ]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Benzene	82.8	82.8	ND	88.3	88.3	93.8	93.8	0.0	69-129	20		
Chlorobenzene	108	108	ND	88.3	88.3	122.3	122.3	0.0	61-121	20		
1,1-Dichloroethene	68.8	73.4	ND	88.3	88.3	77.9	83.1	6.5	65-125	20		
Toluene	82.6	83.0	ND	88.3	88.3	93.5	94.0	0.5	70-130	20		
Trichloroethene	74.0	73.8	ND	88.3	88.3	83.8	83.6	0.2	74-134	20		
<b>Surrogate(s)</b>												
4-Bromofluorobenzene	551	556		500	500	110.2	111.2		74-121			
1,2-Dichloroethane-d4	443	451		500	500	88.6	90.2		70-121			
Toluene-d8	490	484		500	500	98.0	96.8		81-117			

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To: **ACC Environmental Consultants**  
Attn: Stephen Southern

Test Method: 8260A  
Prep Method: 5030

**Legend & Notes**

Volatile Organic Compounds

**Analyte Flags**

sh

Surrogate recoveries were higher than QC limits due to matrix interference.

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

Gas/BTEX

**ACC Environmental Consultants**

✉ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

**Samples Reported**

Sample ID	Matrix	Date Sampled	Lab #
EB1-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	1
EB1-10.0/11.0/12.0 COMP	Soil	03/06/2000	2
EB2-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	4
EB2-9.0/10.0/11.0/12.0 COMP	Soil	03/06/2000	5
EB3-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	7
EB3-10.0/11.0/12.0 COMP	Soil	03/06/2000	8
EB4-4.0/7.0/8.0 COMP	Soil	03/06/2000	10
EB5-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	12
EB6-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	14
EB7-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	17
EB8-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	19

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/08/2000 13:04
Matrix: Soil	QC-Batch: 2000/03/08-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/08/2000 13:04	
Benzene	ND	0.0050	mg/Kg	1.00	03/08/2000 13:04	
Toluene	ND	0.0050	mg/Kg	1.00	03/08/2000 13:04	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/08/2000 13:04	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/08/2000 13:04	
<b>Surrogate(s)</b>						
Trifluorotoluene	46.0	53-125	%	1.00	03/08/2000 13:04	sl
Trifluorotoluene-FID	53.8	53-125	%	1.00	03/08/2000 13:04	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/08/2000 13:32
Matrix: Soil	QC-Batch: 2000/03/08-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/08/2000 13:32	
Benzene	ND	0.0050	mg/Kg	1.00	03/08/2000 13:32	
Toluene	ND	0.0050	mg/Kg	1.00	03/08/2000 13:32	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/08/2000 13:32	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/08/2000 13:32	
<b>Surrogate(s)</b>						
Trifluorotoluene	59.5	53-125	%	1.00	03/08/2000 13:32	
Trifluorotoluene-FID	64.8	53-125	%	1.00	03/08/2000 13:32	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-004
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 15:48
Matrix: Soil	QC-Batch: 2000/03/07-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	1.8	1.0	mg/Kg	1.00	03/07/2000 15:48	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 15:48	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 15:48	
Ethyl benzene	0.0061	0.0050	mg/Kg	1.00	03/07/2000 15:48	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 15:48	
<b>Surrogate(s)</b>						
Trifluorotoluene	35.6	53-125	%	1.00	03/07/2000 15:48	sl
4-Bromofluorobenzene-FID	97.0	58-124	%	1.00	03/07/2000 15:48	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/08/2000 17:02
Matrix: Soil	QC-Batch: 2000/03/08-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	4.4	1.0	mg/Kg	1.00	03/08/2000 17:02	g
Benzene	ND	0.0050	mg/Kg	1.00	03/08/2000 17:02	
Toluene	ND	0.0050	mg/Kg	1.00	03/08/2000 17:02	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/08/2000 17:02	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/08/2000 17:02	
<b>Surrogate(s)</b>						
Trifluorotoluene	75.0	53-125	%	1.00	03/08/2000 17:02	
4-Bromofluorobenzene-FID	73.5	58-124	%	1.00	03/08/2000 17:02	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/08/2000 14:29
Matrix: Soil	QC-Batch: 2000/03/08-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/08/2000 14:29	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 14:45	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 14:45	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 14:45	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 14:45	
<b>Surrogate(s)</b>						
Trifluorotoluene	56.2	53-125	%	1.00	03/07/2000 14:45	
Trifluorotoluene-FID	63.4	53-125	%	1.00	03/08/2000 14:29	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB3-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-008
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 14:14
Matrix: Soil	QC-Batch: 2000/03/07-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/07/2000 14:14	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 14:14	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 14:14	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 14:14	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 14:14	
<b>Surrogate(s)</b>						
Trifluorotoluene	57.5	53-125	%	1.00	03/07/2000 14:14	
Trifluorotoluene-FID	55.6	53-125	%	1.00	03/07/2000 14:14	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB4-4.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-010
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 10:23
Matrix: Soil	QC-Batch: 2000/03/07-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/07/2000 10:23	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 10:23	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 10:23	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 10:23	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 10:23	
<b>Surrogate(s)</b>						
Trifluorotoluene	74.6	53-125	%	1.00	03/07/2000 10:23	
4-Bromofluorobenzene-FID	66.2	58-124	%	1.00	03/07/2000 10:23	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID:	EB5-5.0/6.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-012
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000 10:54
Matrix:	Soil	QC-Batch:	2000/03/07-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/07/2000 10:54	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 10:54	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 10:54	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 10:54	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 10:54	
<b>Surrogate(s)</b>						
Trifluorotoluene	66.0	53-125	%	1.00	03/07/2000 10:54	
Trifluorotoluene-FID	62.6	53-125	%	1.00	03/07/2000 10:54	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-014
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:26
Matrix: Soil	QC-Batch: 2000/03/07-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/07/2000 11:26	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 11:26	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 11:26	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 11:26	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 11:26	
<b>Surrogate(s)</b>						
Trifluorotoluene	70.9	53-125	%	1.00	03/07/2000 11:26	
Trifluorotoluene-FID	65.7	53-125	%	1.00	03/07/2000 11:26	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-017
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:58
Matrix: Soil	QC-Batch: 2000/03/07-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/07/2000 11:58	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 11:58	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 11:58	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 11:58	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 11:58	
<b>Surrogate(s)</b>						
Trifluorotoluene	42.3	53-125	%	1.00	03/07/2000 11:58	sl
4-Bromofluorobenzene-FID	37.8	58-124	%	1.00	03/07/2000 11:58	sl

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID: 2000-03-0095-019
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 13:42
Matrix: Soil	QC-Batch: 2000/03/07-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	03/07/2000 13:42	
Benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 13:42	
Toluene	ND	0.0050	mg/Kg	1.00	03/07/2000 13:42	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	03/07/2000 13:42	
Xylene(s)	ND	0.0050	mg/Kg	1.00	03/07/2000 13:42	
<b>Surrogate(s)</b>						
Trifluorotoluene	56.8	53-125	%	1.00	03/07/2000 13:42	
Trifluorotoluene-FID	56.8	53-125	%	1.00	03/07/2000 13:42	

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Printed on: 03/08/2000 17:52

Page 12 of 18

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020

Attn.: Stephen Southern

8015M

Prep Method: 5030

## Batch QC Report Gas/BTEX

Method Blank	Soil	QC Batch # 2000/03/07-01.02
MB: 2000/03/07-01.02-001		Date Extracted: 03/07/2000 07:05

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	03/07/2000 07:05	
Benzene	ND	0.0050	mg/Kg	03/07/2000 07:05	
Toluene	ND	0.0050	mg/Kg	03/07/2000 07:05	
Ethyl benzene	ND	0.0050	mg/Kg	03/07/2000 07:05	
Xylene(s)	ND	0.0050	mg/Kg	03/07/2000 07:05	
<b>Surrogate(s)</b>					
Trifluorotoluene	96.0	53-125	%	03/07/2000 07:05	
4-Bromofluorobenzene-FID	96.4	58-124	%	03/07/2000 07:05	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M  
Prep Method: 5030

Attn.: Stephen Southern

## Batch QC Report Gas/BTEX

Method Blank	Soil	QC Batch # 2000/03/08-01.04
MB: 2000/03/08-01.04-001		Date Extracted: 03/08/2000 10:43

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	03/08/2000 10:43	
Benzene	ND	0.0050	mg/Kg	03/08/2000 10:43	
Toluene	ND	0.0050	mg/Kg	03/08/2000 10:43	
Ethyl benzene	ND	0.0050	mg/Kg	03/08/2000 10:43	
Xylene(s)	ND	0.0050	mg/Kg	03/08/2000 10:43	
<b>Surrogate(s)</b>					
Trifluorotoluene	87.2	53-125	%	03/08/2000 10:43	
4-Bromofluorobenzene-FID	87.0	58-124	%	03/08/2000 10:43	



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn: Stephen Southern

Prep Method: 5030

## Batch QC Report

Gas/BTEX

### Laboratory Control Spike (LCS/LCSD)

Soil

QC Batch # 2000/03/07-01.02

LCS: 2000/03/07-01.02-002

Extracted: 03/07/2000 07:36

Analyzed 03/07/2000 07:36

LCSD: 2000/03/07-01.02-003

Extracted: 03/07/2000 08:08

Analyzed 03/07/2000 08:08

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	0.444	0.453	0.500	0.500	88.8	90.6	2.0	75-125	35		
Benzene	0.0872	0.0788	0.1000	0.1000	87.2	78.8	10.1	77-123	35		
Toluene	0.0908	0.0837	0.1000	0.1000	90.8	83.7	8.1	78-122	35		
Ethyl benzene	0.0872	0.0832	0.1000	0.1000	87.2	83.2	4.7	70-130	35		
Xylene(s)	0.264	0.250	0.300	0.300	88.0	83.3	5.5	75-125	35		
<b>Surrogate(s)</b>											
Trifluorotoluene	403	369	500	500	80.6	73.8		53-125			
4-Bromofluorobenzene-FI	481	485	500	500	96.2	97.0		58-124			

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To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn: Stephen Southern

Prep Method: 5030

## Batch QC Report

Gas/BTEX

<b>Laboratory Control Spike (LCS/LCSD)</b>		<b>Soil</b>		<b>QC Batch # 2000/03/08-01.04</b>	
LCS:	2000/03/08-01.04-002	Extracted:	03/08/2000 11:11	Analyzed	03/08/2000 11:11
LCSD:	2000/03/08-01.04-003	Extracted:	03/08/2000 11:39	Analyzed	03/08/2000 11:39

Compound	Conc. [ mg/Kg ]		Exp.Conc. [ mg/Kg ]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	0.440	0.415	0.500	0.500	88.0	83.0	5.8	75-125	35		
Benzene	0.0988	0.0865	0.1000	0.1000	98.8	86.5	13.3	77-123	35		
Toluene	0.0966	0.0845	0.1000	0.1000	96.6	84.5	13.4	78-122	35		
Ethyl benzene	0.0954	0.0828	0.1000	0.1000	95.4	82.8	14.1	70-130	35		
Xylene(s)	0.286	0.252	0.300	0.300	95.3	84.0	12.6	75-125	35		
<b>Surrogate(s)</b>											
Trifluorotoluene	455	368	500	500	91.0	73.6		53-125			
4-Bromofluorobenzene-FI	484	475	500	500	96.8	95.0		58-124			

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8015M  
8020

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report

Gas/BTEX

Matrix Spike ( MS / MSD )

Soil

QC Batch # 2000/03/07-01.02

Sample ID: EB1-10.0/11.0/12.0 COMP

Lab Sample ID: 2000-03-0095-002

MS: 2000/03/07-01.02-004 Extracted: 03/07/2000 16:51 Analyzed: 03/07/2000 16:51 Dilution: 1.0

MSD: 2000/03/07-01.02-005 Extracted: 03/07/2000 17:23 Analyzed: 03/07/2000 17:23 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Gasoline	0.343	0.233	ND	0.489	0.472	70.1	49.4	34.6	65-135	35		rpd
Benzene	0.0554	0.0526	ND	0.0978	0.0943	56.6	55.8	1.4	65-135	35	mso	mso
Toluene	0.0534	0.0518	ND	0.0978	0.0943	54.6	54.9	0.5	65-135	35	mso	mso
Ethyl benzene	0.0507	0.0484	ND	0.0978	0.0943	51.8	51.3	1.0	65-135	35	mso	mso
Xylene(s)	0.149	0.142	ND	0.294	0.283	50.7	50.2	1.0	65-135	35	mso	mso
<b>Surrogate(s)</b>												
Trifluorotoluene	263	272		500	500	52.6	54.4		53-125		mso	
Trifluorotoluene-FID	321	238		500	500	64.2	47.6		53-125			mso

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To: ACC Environmental Consultants

Test Method: 8015M

Attn: Stephen Southern

8020

Prep Method: 5030

## Legend & Notes

Gas/BTEX

### QC Compound Flags

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

rpd

Analyte RPD was out of QC limits due to sample heterogeneity.

### Analyte Flags

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

## Volatile Organic Compounds

**ACC Environmental Consultants**

✉ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

### Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB1-W	Water	03/06/2000 10:30	3
EB2-W	Water	03/06/2000 11:20	6
EB3-W	Water	03/06/2000 11:20	9
EB4-W	Water	03/06/2000 14:15	11
EB5-W	Water	03/06/2000 14:30	13
EB6-W	Water	03/06/2000 15:05	16
EB7-W	Water	03/06/2000 15:50	18
EB8-W	Water	03/06/2000 16:45	20

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 16:05
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 16:05	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 16:05	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 16:05	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 16:05	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 16:05	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 16:05	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Ethylbenzene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 16:05	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 16:05	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 16:05	
Naphthalene	11	1.0	ug/L	1.00	03/07/2000 16:05	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB1-W</b>	Lab Sample ID: <b>2000-03-0095-003</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 16:05
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 16:05	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Total xylenes	1.4	1.0	ug/L	1.00	03/07/2000 16:05	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 16:05	
Isopropylbenzene	0.77	0.50	ug/L	1.00	03/07/2000 16:05	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:05	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 16:05	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 16:05	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 16:05	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	101.8	86-115	%	1.00	03/07/2000 16:05	
1,2-Dichloroethane-d4	105.7	76-114	%	1.00	03/07/2000 16:05	
Toluene-d8	95.5	88-110	%	1.00	03/07/2000 16:05	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB2-W	Lab Sample ID: 2000-03-0095-006
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 16:44
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 16:44	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 16:44	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 16:44	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 16:44	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 16:44	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 16:44	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Ethylbenzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 16:44	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 16:44	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 16:44	
Naphthalene	ND	1.0	ug/L	1.00	03/07/2000 16:44	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB2-W</b>	Lab Sample ID: <b>2000-03-0095-006</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 16:44
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 16:44	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Total xylenes	1.2	1.0	ug/L	1.00	03/07/2000 16:44	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 16:44	
Isopropylbenzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 16:44	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 16:44	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 16:44	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 16:44	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	109.3	86-115	%	1.00	03/07/2000 16:44	
1,2-Dichloroethane-d4	107.2	76-114	%	1.00	03/07/2000 16:44	
Toluene-d8	96.6	88-110	%	1.00	03/07/2000 16:44	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 17:21
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 17:21	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 17:21	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 17:21	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 17:21	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 17:21	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 17:21	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Ethylbenzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 17:21	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 17:21	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 17:21	
Naphthalene	ND	1.0	ug/L	1.00	03/07/2000 17:21	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 17:21
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 17:21	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Total xylenes	ND	1.0	ug/L	1.00	03/07/2000 17:21	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 17:21	
Isopropylbenzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:21	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 17:21	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 17:21	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 17:21	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	103.4	86-115	%	1.00	03/07/2000 17:21	
1,2-Dichloroethane-d4	112.4	76-114	%	1.00	03/07/2000 17:21	
Toluene-d8	97.4	88-110	%	1.00	03/07/2000 17:21	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB4-W	Lab Sample ID: 2000-03-0095-011
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 17:59
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 17:59	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 17:59	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 17:59	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 17:59	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 17:59	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 17:59	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Ethylbenzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 17:59	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 17:59	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 17:59	
Naphthalene	ND	1.0	ug/L	1.00	03/07/2000 17:59	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB4-W	Lab Sample ID: 2000-03-0095-011
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 17:59
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 17:59	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Total xylenes	1.6	1.0	ug/L	1.00	03/07/2000 17:59	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 17:59	
Isopropylbenzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 17:59	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 17:59	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 17:59	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 17:59	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	106.9	86-115	%	1.00	03/07/2000 17:59	
1,2-Dichloroethane-d4	99.9	76-114	%	1.00	03/07/2000 17:59	
Toluene-d8	97.9	88-110	%	1.00	03/07/2000 17:59	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB5-W</b>	Lab Sample ID: <b>2000-03-0095-013</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 18:37
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 18:37	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 18:37	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 18:37	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 18:37	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 18:37	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 18:37	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Ethylbenzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 18:37	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 18:37	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 18:37	
Naphthalene	ND	1.0	ug/L	1.00	03/07/2000 18:37	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB5-W	Lab Sample ID: 2000-03-0095-013
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 18:37
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 18:37	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Total xylenes	ND	1.0	ug/L	1.00	03/07/2000 18:37	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 18:37	
Isopropylbenzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 18:37	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 18:37	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 18:37	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 18:37	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	105.9	86-115	%	1.00	03/07/2000 18:37	
1,2-Dichloroethane-d4	96.1	76-114	%	1.00	03/07/2000 18:37	
Toluene-d8	96.6	88-110	%	1.00	03/07/2000 18:37	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB6-W	Lab Sample ID: 2000-03-0095-016
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 19:15
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 19:15	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 19:15	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Chlorobenzene	0.66	0.50	ug/L	1.00	03/07/2000 19:15	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 19:15	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 19:15	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 19:15	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 19:15	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Ethylbenzene	0.77	0.50	ug/L	1.00	03/07/2000 19:15	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 19:15	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 19:15	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 19:15	
Naphthalene	9.7	1.0	ug/L	1.00	03/07/2000 19:15	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB6-W</b>	Lab Sample ID: <b>2000-03-0095-016</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 19:15
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 19:15	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Total xylenes	1.7	1.0	ug/L	1.00	03/07/2000 19:15	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 19:15	
Isopropylbenzene	2.3	0.50	ug/L	1.00	03/07/2000 19:15	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:15	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 19:15	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 19:15	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 19:15	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	110.1	86-115	%	1.00	03/07/2000 19:15	
1,2-Dichloroethane-d4	106.5	76-114	%	1.00	03/07/2000 19:15	
Toluene-d8	98.6	88-110	%	1.00	03/07/2000 19:15	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 19:53
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 19:53	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 19:53	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 19:53	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 19:53	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 19:53	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 19:53	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Ethylbenzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 19:53	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 19:53	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 19:53	
Naphthalene	1.1	1.0	ug/L	1.00	03/07/2000 19:53	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 19:53
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 19:53	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Total xylenes	ND	1.0	ug/L	1.00	03/07/2000 19:53	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 19:53	
Isopropylbenzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 19:53	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 19:53	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 19:53	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 19:53	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	109.2	86-115	%	1.00	03/07/2000 19:53	
1,2-Dichloroethane-d4	112.2	76-114	%	1.00	03/07/2000 19:53	
Toluene-d8	98.6	88-110	%	1.00	03/07/2000 19:53	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: EB8-W	Lab Sample ID: 2000-03-0095-020
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 20:31
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	03/07/2000 20:31	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Bromoform	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Bromomethane	ND	1.0	ug/L	1.00	03/07/2000 20:31	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Chlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Chloroethane	ND	1.0	ug/L	1.00	03/07/2000 20:31	
2-Butanone(MEK)	ND	50	ug/L	1.00	03/07/2000 20:31	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Chloroform	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Chloromethane	ND	1.0	ug/L	1.00	03/07/2000 20:31	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	03/07/2000 20:31	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Dibromomethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Ethylbenzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
2-Hexanone	ND	50	ug/L	1.00	03/07/2000 20:31	
Methylene chloride	ND	5.0	ug/L	1.00	03/07/2000 20:31	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	03/07/2000 20:31	
Naphthalene	ND	1.0	ug/L	1.00	03/07/2000 20:31	
Styrene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8260A

Prep Method: 5030

## Volatile Organic Compounds

Sample ID: <b>EB8-W</b>	Lab Sample ID: <b>2000-03-0095-020</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 20:31
Matrix: Water	QC-Batch: 2000/03/07-01.27

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Trichloroethene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Vinyl acetate	ND	5.0	ug/L	1.00	03/07/2000 20:31	
Vinyl chloride	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Total xylenes	1.8	1.0	ug/L	1.00	03/07/2000 20:31	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Carbon disulfide	ND	1.0	ug/L	1.00	03/07/2000 20:31	
Isopropylbenzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Bromobenzene	ND	0.50	ug/L	1.00	03/07/2000 20:31	
Bromochloromethane	ND	1.0	ug/L	1.00	03/07/2000 20:31	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	03/07/2000 20:31	
MTBE	ND	5.0	ug/L	1.00	03/07/2000 20:31	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	108.2	86-115	%	1.00	03/07/2000 20:31	
1,2-Dichloroethane-d4	107.8	76-114	%	1.00	03/07/2000 20:31	
Toluene-d8	96.6	88-110	%	1.00	03/07/2000 20:31	

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To: **ACC Environmental Consultants**  
 Attn.: Stephen Southern

Test Method: 8260A  
 Prep Method: 5030

**Batch QC Report**  
 Volatile Organic Compounds

<b>Method Blank</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.27</b>
MB: 2000/03/07-01.27-001		Date Extracted: 03/07/2000 13:24

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/L	03/07/2000 13:24	
Benzene	ND	0.5	ug/L	03/07/2000 13:24	
Bromodichloromethane	ND	0.5	ug/L	03/07/2000 13:24	
Bromoform	ND	0.5	ug/L	03/07/2000 13:24	
Bromomethane	ND	1.0	ug/L	03/07/2000 13:24	
Carbon tetrachloride	ND	0.5	ug/L	03/07/2000 13:24	
Chlorobenzene	ND	0.5	ug/L	03/07/2000 13:24	
Chloroethane	ND	1.0	ug/L	03/07/2000 13:24	
2-Butanone(MEK)	ND	50	ug/L	03/07/2000 13:24	
2-Chloroethylvinyl ether	ND	0.5	ug/L	03/07/2000 13:24	
Chloroform	ND	0.5	ug/L	03/07/2000 13:24	
Chloromethane	ND	1.0	ug/L	03/07/2000 13:24	
Dibromochloromethane	ND	0.5	ug/L	03/07/2000 13:24	
1,2-Dichlorobenzene	ND	0.5	ug/L	03/07/2000 13:24	
1,3-Dichlorobenzene	ND	0.5	ug/L	03/07/2000 13:24	
1,4-Dichlorobenzene	ND	0.5	ug/L	03/07/2000 13:24	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	03/07/2000 13:24	
1,2-Dibromoethane	ND	0.5	ug/L	03/07/2000 13:24	
Dibromomethane	ND	0.5	ug/L	03/07/2000 13:24	
Dichlorodifluoromethane	ND	0.5	ug/L	03/07/2000 13:24	
1,1-Dichloroethane	ND	0.5	ug/L	03/07/2000 13:24	
1,2-Dichloroethane	ND	0.5	ug/L	03/07/2000 13:24	
1,1-Dichloroethene	ND	0.5	ug/L	03/07/2000 13:24	
cis-1,2-Dichloroethene	ND	0.5	ug/L	03/07/2000 13:24	
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/07/2000 13:24	
1,2-Dichloropropane	ND	0.5	ug/L	03/07/2000 13:24	
cis-1,3-Dichloropropene	ND	0.5	ug/L	03/07/2000 13:24	
trans-1,3-Dichloropropene	ND	0.5	ug/L	03/07/2000 13:24	
Ethylbenzene	ND	0.5	ug/L	03/07/2000 13:24	
2-Hexanone	ND	50	ug/L	03/07/2000 13:24	
Methylene chloride	ND	5.0	ug/L	03/07/2000 13:24	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	03/07/2000 13:24	
Naphthalene	ND	1.0	ug/L	03/07/2000 13:24	
Styrene	ND	0.5	ug/L	03/07/2000 13:24	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	03/07/2000 13:24	
Tetrachloroethene	ND	0.5	ug/L	03/07/2000 13:24	
Toluene	ND	0.5	ug/L	03/07/2000 13:24	
1,1,1-Trichloroethane	ND	0.5	ug/L	03/07/2000 13:24	
1,1,2-Trichloroethane	ND	0.5	ug/L	03/07/2000 13:24	
Trichloroethene	ND	0.5	ug/L	03/07/2000 13:24	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8260A  
Prep Method: 5030

## Batch QC Report Volatile Organic Compounds

Method Blank	Water	QC Batch # 2000/03/07-01.27
MB: 2000/03/07-01.27-001		Date Extracted: 03/07/2000 13:24

Compound	Result	Rep.Limit	Units	Analyzed	Flag
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	03/07/2000 13:24	
Vinyl acetate	ND	5.0	ug/L	03/07/2000 13:24	
Vinyl chloride	ND	0.5	ug/L	03/07/2000 13:24	
Total xylenes	ND	1.0	ug/L	03/07/2000 13:24	
Trichlorotrifluoroethane	ND	0.5	ug/L	03/07/2000 13:24	
Carbon disulfide	ND	1.0	ug/L	03/07/2000 13:24	
Isopropylbenzene	ND	0.5	ug/L	03/07/2000 13:24	
Bromobenzene	ND	0.5	ug/L	03/07/2000 13:24	
Bromochloromethane	ND	1.0	ug/L	03/07/2000 13:24	
Trichlorofluoromethane	ND	2.0	ug/L	03/07/2000 13:24	
MTBE	ND	5.0	ug/L	03/07/2000 13:24	
<b>Surrogate(s)</b>					
4-Bromofluorobenzene	103.4	86-115	%	03/07/2000 13:24	
1,2-Dichloroethane-d4	111.2	76-114	%	03/07/2000 13:24	
Toluene-d8	93.8	88-110	%	03/07/2000 13:24	

To: ACC Environmental Consultants

Test Method: 8260A

Attn: Stephen Southern

Prep Method: 5030

## Batch QC Report

### Volatile Organic Compounds

#### Laboratory Control Spike (LCS/LCSD)

#### Water

QC Batch # 2000/03/07-01.27

LCS: 2000/03/07-01.27-002

Extracted: 03/07/2000 12:00

Analyzed 03/07/2000 12:00

LCSD: 2000/03/07-01.27-003

Extracted: 03/07/2000 12:46

Analyzed 03/07/2000 12:46

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]			RPD		Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	RPD [%]	Recovery	RPD	LCS	LCSD		
Benzene	42.1	42.6	50.0	50.0	84.2	85.2	1.2	69-129	20				
Chlorobenzene	56.6	57.2	50.0	50.0	113.2	114.4	1.1	61-121	20				
1,1-Dichloroethene	38.3	40.4	50.0	50.0	76.6	80.8	5.3	65-125	20				
Toluene	43.6	42.9	50.0	50.0	87.2	85.8	1.6	70-130	20				
Trichloroethene	39.7	40.1	50.0	50.0	79.4	80.2	1.0	74-134	20				
<b>Surrogate(s)</b>													
4-Bromofluorobenzene	489	490	500	500	97.8	98.0		86-115					
1,2-Dichloroethane-d4	525	458	500	500	105.0	91.6		76-114					
Toluene-d8	472	465	500	500	94.4	93.0		88-110					



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8260A

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report

Volatile Organic Compounds

Matrix Spike ( MS / MSD )

Water

QC Batch # 2000/03/07-01.27

Sample ID: EB1-W

Lab Sample ID: 2000-03-0095-003

MS: 2000/03/07-01.27-004 Extracted: 03/07/2000 21:08 Analyzed: 03/07/2000 21:08 Dilution: 1.0

MSD: 2000/03/07-01.27-005 Extracted: 03/07/2000 21:46 Analyzed: 03/07/2000 21:46 Dilution: 1.0

Compound	Conc. [ug/L]			Exp. Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Benzene	46.5	46.0	ND	50.0	50.0	93.0	92.0	1.1	69-129	20		
Chlorobenzene	56.1	54.8	ND	50.0	50.0	112.2	109.6	2.3	61-121	20		
1,1-Dichloroethene	45.6	43.7	ND	50.0	50.0	91.2	87.4	4.3	65-125	20		
Toluene	46.8	45.8	ND	50.0	50.0	93.6	91.6	2.2	70-130	20		
Trichloroethene	42.5	43.3	ND	50.0	50.0	85.0	86.6	1.9	74-134	20		
<b>Surrogate(s)</b>												
4-Bromofluorobenzene	583	564		500	500	116.6	112.8		86-115			
1,2-Dichloroethane-d4	595	564		500	500	119.0	112.8		76-114			
Toluene-d8	492	492		500	500	98.4	98.4		88-110			

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

Gas/BTEX

**ACC Environmental Consultants**

✉ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

**Samples Reported**

Sample ID	Matrix	Date Sampled	Lab #
EB1-W	Water	03/06/2000 10:30	3
EB2-W	Water	03/06/2000 11:20	6
EB3-W	Water	03/06/2000 11:20	9
EB4-W	Water	03/06/2000 14:15	11
EB5-W	Water	03/06/2000 14:30	13
EB6-W	Water	03/06/2000 15:05	16
EB7-W	Water	03/06/2000 15:50	18
EB8-W	Water	03/06/2000 16:45	20
RINSATE	Water	03/06/2000 16:57	21

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 14:22
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 14:22	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 14:22	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 14:22	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 14:22	
Xylene(s)	0.99	0.50	ug/L	1.00	03/07/2000 14:22	
<b>Surrogate(s)</b>						
Trifluorotoluene	85.0	58-124	%	1.00	03/07/2000 14:22	
4-Bromofluorobenzene-FID	83.8	50-150	%	1.00	03/07/2000 14:22	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB2-W	Lab Sample ID: 2000-03-0095-006
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 14:57
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 14:57	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 14:57	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 14:57	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 14:57	
Xylene(s)	1.1	0.50	ug/L	1.00	03/07/2000 14:57	
<b>Surrogate(s)</b>						
Trifluorotoluene	87.0	58-124	%	1.00	03/07/2000 14:57	
4-Bromofluorobenzene-FID	84.1	50-150	%	1.00	03/07/2000 14:57	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB3-W	Lab Sample ID: 2000-03-0095-009
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 17:23
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 17:23	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 17:23	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 17:23	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 17:23	
Xylene(s)	ND	0.50	ug/L	1.00	03/07/2000 17:23	
<b>Surrogate(s)</b>						
Trifluorotoluene	82.9	58-124	%	1.00	03/07/2000 17:23	
4-Bromofluorobenzene-FID	82.4	50-150	%	1.00	03/07/2000 17:23	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: <b>EB4-W</b>	Lab Sample ID: <b>2000-03-0095-011</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 17:57
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 17:57	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 17:57	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 17:57	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 17:57	
Xylene(s)	3.4	0.50	ug/L	1.00	03/07/2000 17:57	
<b>Surrogate(s)</b>						
Trifluorotoluene	78.4	58-124	%	1.00	03/07/2000 17:57	
4-Bromofluorobenzene-FID	84.4	50-150	%	1.00	03/07/2000 17:57	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: <b>EB5-W</b>	Lab Sample ID: <b>2000-03-0095-013</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 18:32
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 18:32	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 18:32	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 18:32	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 18:32	
Xylene(s)	ND	0.50	ug/L	1.00	03/07/2000 18:32	
<b>Surrogate(s)</b>						
Trifluorotoluene	78.3	58-124	%	1.00	03/07/2000 18:32	
4-Bromofluorobenzene-FID	84.2	50-150	%	1.00	03/07/2000 18:32	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB6-W	Lab Sample ID: 2000-03-0095-016
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 19:07
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 19:07	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 19:07	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 19:07	
Ethyl benzene	0.70	0.50	ug/L	1.00	03/07/2000 19:07	
Xylene(s)	2.7	0.50	ug/L	1.00	03/07/2000 19:07	
<b>Surrogate(s)</b>						
Trifluorotoluene	82.6	58-124	%	1.00	03/07/2000 19:07	
4-Bromofluorobenzene-FID	85.2	50-150	%	1.00	03/07/2000 19:07	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 19:41
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 19:41	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 19:41	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 19:41	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 19:41	
Xylene(s)	ND	0.50	ug/L	1.00	03/07/2000 19:41	
<b>Surrogate(s)</b>						
Trifluorotoluene	79.7	58-124	%	1.00	03/07/2000 19:41	
4-Bromofluorobenzene-FID	82.2	50-150	%	1.00	03/07/2000 19:41	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: EB8-W	Lab Sample ID: 2000-03-0095-020
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 20:17
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 20:17	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 20:17	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 20:17	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 20:17	
Xylene(s)	2.1	0.50	ug/L	1.00	03/07/2000 20:17	
<b>Surrogate(s)</b>						
Trifluorotoluene	78.8	58-124	%	1.00	03/07/2000 20:17	
4-Bromofluorobenzene-FID	81.3	50-150	%	1.00	03/07/2000 20:17	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

Gas/BTEX

Sample ID: RINSATE	Lab Sample ID: 2000-03-0095-021
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:57	Extracted: 03/07/2000 21:27
Matrix: Water	QC-Batch: 2000/03/07-01.01

Compound	Result	Rep. Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/07/2000 21:27	
Benzene	ND	0.50	ug/L	1.00	03/07/2000 21:27	
Toluene	ND	0.50	ug/L	1.00	03/07/2000 21:27	
Ethyl benzene	ND	0.50	ug/L	1.00	03/07/2000 21:27	
Xylene(s)	ND	0.50	ug/L	1.00	03/07/2000 21:27	
<b>Surrogate(s)</b>						
Trifluorotoluene	84.8	58-124	%	1.00	03/07/2000 21:27	
4-Bromofluorobenzene-FID	86.5	50-150	%	1.00	03/07/2000 21:27	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report Gas/BTEX

Method Blank

Water

QC Batch # 2000/03/07-01.01

MB: 2000/03/07-01.01-001

Date Extracted: 03/07/2000 09:20

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	03/07/2000 09:20	
Benzene	ND	0.5	ug/L	03/07/2000 09:20	
Toluene	ND	0.5	ug/L	03/07/2000 09:20	
Ethyl benzene	ND	0.5	ug/L	03/07/2000 09:20	
Xylene(s)	ND	0.5	ug/L	03/07/2000 09:20	
<b>Surrogate(s)</b>					
Trifluorotoluene	95.0	58-124	%	03/07/2000 09:20	
4-Bromofluorobenzene-FID	91.2	50-150	%	03/07/2000 09:20	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn: Stephen Southern

Prep Method: 5030

## Batch QC Report

Gas/BTEX

<b>Laboratory Control Spike (LCS/LCSD)</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.01</b>
LCS: 2000/03/07-01.01-002	Extracted: 03/07/2000 09:55	Analyzed 03/07/2000 09:55
LCSD: 2000/03/07-01.01-003	Extracted: 03/07/2000 10:30	Analyzed 03/07/2000 10:30

Compound	Conc. [ ug/L ]		Exp. Conc. [ ug/L ]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	478	496	500	500	95.6	99.2	3.7	75-125	20		
Benzene	92.7	91.7	100.0	100.0	92.7	91.7	1.1	77-123	20		
Toluene	90.8	90.1	100.0	100.0	90.8	90.1	0.8	78-122	20		
Ethyl benzene	91.7	90.4	100.0	100.0	91.7	90.4	1.4	70-130	20		
Xylene(s)	276	272	300	300	92.0	90.7	1.4	75-125	20		
<b>Surrogate(s)</b>											
Trifluorotoluene	432	432	500	500	86.4	86.4		58-124			
4-Bromofluorobenzene-FI	451	459	500	500	90.2	91.8		50-150			

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8020  
8015M

Attn.: Stephen Southern

Prep Method: 5030

## Batch QC Report

Gas/BTEX

<b>Matrix Spike ( MS / MSD )</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-01.01</b>
Sample ID: <b>EB1-W</b>		Lab Sample ID: 2000-03-0095-003
MS: 2000/03/07-01.01-004	Extracted: 03/07/2000 22:02	Analyzed: 03/07/2000 22:02 Dilution: 1.0
MSD: 2000/03/07-01.01-005	Extracted: 03/07/2000 22:37	Analyzed: 03/07/2000 22:37 Dilution: 1.0

Compound	Conc. [ug/L]			Exp. Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Gasoline	479	453	ND	500	500	95.8	90.6	5.6	65-135	20		
Benzene	79.4	91.6	ND	100.0	100.0	79.4	91.6	14.3	65-135	20		
Toluene	78.9	88.6	ND	100.0	100.0	78.9	88.6	11.6	65-135	20		
Ethyl benzene	78.5	89.2	ND	100.0	100.0	78.5	89.2	12.8	65-135	20		
Xylene(s)	236	267	0.987	300	300	78.3	88.7	12.5	65-135	20		
<b>Surrogate(s)</b>												
Trifluorotoluene	380	419		500	500	76.0	83.8		58-124			
4-Bromofluorobenzene-F	438	436		500	500	87.6	87.2		50-150			

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## Diesel with Silica Gel Clean-up

ACC Environmental Consultants

✉ 7977 Capwell Drive, Suite 100  
Oakland, CA 94621

Attn: Stephen Southern

Phone: (510) 638-8400 Fax: (510) 638-8404

Project #: 00-6073-011.00

Project: Hayward

## Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB1-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	1
EB1-10.0/11.0/12.0 COMP	Soil	03/06/2000	2
EB1-W	Water	03/06/2000 10:30	3
EB2-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	4
EB2-9.0/10.0/11.0/12.0 COMP	Soil	03/06/2000	5
EB2-W	Water	03/06/2000 11:20	6
EB3-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	7
EB3-10.0/11.0/12.0 COMP	Soil	03/06/2000	8
EB3-W	Water	03/06/2000 11:20	9
EB4-4.0/7.0/8.0 COMP	Soil	03/06/2000	10
EB4-W	Water	03/06/2000 14:15	11
EB5-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	12
EB5-W	Water	03/06/2000 14:30	13
EB6-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	14
EB6-W	Water	03/06/2000 15:05	16
EB7-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	17
EB7-W	Water	03/06/2000 15:50	18
EB8-5.0/6.0/7.0/8.0/9.0 COMP	Soil	03/06/2000	19
EB8-W	Water	03/06/2000 16:45	20

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID:	EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-001
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000 11:04
Matrix:	Soil	QC-Batch:	2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	66	1.0	mg/Kg	1.00	03/08/2000 14:21	ldr
Surrogate(s) o-Terphenyl	96.8	60-130	%	1.00	03/08/2000 14:21	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB1-10.0/11.0/12.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-002</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:04
Matrix: Soil	QC-Batch: 2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	21	1.0	mg/Kg	1.00	03/08/2000 12:22	ldr
<b>Surrogate(s)</b> o-Terphenyl	94.0	60-130	%	1.00	03/08/2000 12:22	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: EB1-W	Lab Sample ID: 2000-03-0095-003
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 10:30	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	130 ✓	50	ug/L	1.00	03/08/2000 01:52	nhc
Surrogate(s) o-Terphenyl	90.7	60-130	%	1.00	03/08/2000 01:52	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID:	EB2-5.0/6.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-004
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000 11:04
Matrix:	Soil	QC-Batch:	2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	200	5.0	mg/Kg	5.00	03/08/2000 13:41	ldr
<i>Surrogate(s)</i> o-Terphenyl	119.7	60-130	%	5.00	03/08/2000 13:41	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: EB2-9.0/10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-005
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:04
Matrix: Soil	QC-Batch: 2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	7.4	1.0	mg/Kg	1.00	03/08/2000 13:02	ndp
<i>Surrogate(s)</i> o-Terphenyl	96.7	60-130	%	1.00	03/08/2000 13:02	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB2-W</b>	Lab Sample ID: <b>2000-03-0095-006</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	190	50	ug/L	1.00	03/08/2000 03:49	ndp
<b>Surrogate(s)</b> o-Terphenyl	87.5	60-130	%	1.00	03/08/2000 03:49	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: EB3-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-007
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:04
Matrix: Soil	QC-Batch: 2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	22	1.0	mg/Kg	1.00	03/08/2000 15:01	ldr
<b>Surrogate(s)</b> o-Terphenyl	95.6	60-130	%	1.00	03/08/2000 15:01	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: EB3-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-008
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:04
Matrix: Soil	QC-Batch: 2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	4.8	1.0	mg/Kg	1.00	03/08/2000 14:59	ldr
Surrogate(s) o-Terphenyl	100.9	60-130	%	1.00	03/08/2000 14:59	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB3-W</b>	Lab Sample ID: <b>2000-03-0095-009</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 11:20	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	03/08/2000 02:31	
<i>Surrogate(s)</i> o-Terphenyl	88.9	60-130	%	1.00	03/08/2000 02:31	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB4-4.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-010</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:04
Matrix: Soil	QC-Batch: 2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.1	1.0	mg/Kg	1.00	03/08/2000 13:41	ldr
<i>Surrogate(s)</i> o-Terphenyl	96.8	60-130	%	1.00	03/08/2000 13:41	

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Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB4-W</b>	Lab Sample ID: <b>2000-03-0095-011</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:15	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	70	ug/L	1.41	03/08/2000 03:10	
<i>Surrogate(s)</i> o-Terphenyl	96.6	60-130	%	1.41	03/08/2000 03:10	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID:	EB5-5.0/6.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-012
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000 11:04
Matrix:	Soil	QC-Batch:	2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	4.4	1.0	mg/Kg	1.00	03/08/2000 14:59	ldr
<i>Surrogate(s)</i> o-Terphenyl	96.1	60-130	%	1.00	03/08/2000 14:59	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Attn.: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: EB5-W	Lab Sample ID: 2000-03-0095-013
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 14:30	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	85	71	ug/L	1.43	03/08/2000 06:24	ldr
Surrogate(s) o-Terphenyl	97.0	60-130	%	1.43	03/08/2000 06:24	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID:	EB6-5.0/6.0/7.0/8.0 COMP	Lab Sample ID:	2000-03-0095-014
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000 11:04
Matrix:	Soil	QC-Batch:	2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	7.7	1.0	mg/Kg	1.00	03/08/2000 11:43	ndp
<b>Surrogate(s)</b> o-Terphenyl	99.2	60-130	%	1.00	03/08/2000 11:43	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB6-W</b>	Lab Sample ID: <b>2000-03-0095-016</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:05	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10
Sample/Analysis Flag r l ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	71	ug/L	1.43	03/08/2000 04:28	ndp
<b>Surrogate(s)</b> o-Terphenyl	101.2	60-130	%	1.43	03/08/2000 04:28	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID:	EB7-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID:	2000-03-0095-017
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000 11:04
Matrix:	Soil	QC-Batch:	2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	20	1.0	mg/Kg	1.00	03/08/2000 14:21	ldr
Surrogate(s) o-Terphenyl	102.5	60-130	%	1.00	03/08/2000 14:21	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB7-W</b>	Lab Sample ID: <b>2000-03-0095-018</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 15:50	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	77	63	ug/L	1.27	03/08/2000 05:06	ndp
<b>Surrogate(s)</b> o-Terphenyl	94.0	60-130	%	1.27	03/08/2000 05:06	



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID:	EB8-5.0/6.0/7.0/8.0/9.0 COMP	Lab Sample ID:	2000-03-0095-019
Project:	00-6073-011.00 Hayward	Received:	03/06/2000 18:35
Sampled:	03/06/2000	Extracted:	03/07/2000 11:04
Matrix:	Soil	QC-Batch:	2000/03/07-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	22	1.0	mg/Kg	1.00	03/08/2000 14:18	ldr
<i>Surrogate(s)</i> o-Terphenyl	123.6	60-130	%	1.00	03/08/2000 14:18	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

Diesel with Silica Gel Clean-up

Sample ID: <b>EB8-W</b>	Lab Sample ID: <b>2000-03-0095-020</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000 16:45	Extracted: 03/07/2000 08:40
Matrix: Water	QC-Batch: 2000/03/07-02.10
Sample/Analysis Flag rl ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	63	ug/L	1.25	03/08/2000 05:45	
<b>Surrogate(s)</b> o-Terphenyl	81.2	60-130	%	1.25	03/08/2000 05:45	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8015m

Attn.: Stephen Southern

Prep Method: 3550/8015M  
3510/8015M

## Batch QC Report Diesel with Silica Gel Clean-up

<b>Method Blank</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-02.10</b>
MB: 2000/03/07-02.10-001		Date Extracted: 03/07/2000 08:40

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	03/08/2000 01:13	
<b>Surrogate(s)</b> o-Terphenyl	94.0	60-130	%	03/08/2000 01:13	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8015m  
Prep Method: 3550/8015M  
3510/8015M

**Batch QC Report**  
Diesel with Silica Gel Clean-up

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/03/07-03.10</b>
MB: 2000/03/07-03.10-001		Date Extracted: 03/07/2000 11:04

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	03/08/2000 11:43	
<i>Surrogate(s)</i> o-Terphenyl	86.5	60-130	%	03/08/2000 11:43	

To: **ACC Environmental Consultants**

Test Method: 8015m

Attn: Stephen Southern

Prep Method: 3550/8015M  
3510/8015M

### Batch QC Report

Diesel with Silica Gel Clean-up

<b>Laboratory Control Spike (LCS/LCSD)</b>	<b>Water</b>	<b>QC Batch # 2000/03/07-02.10</b>
LCS: 2000/03/07-02.10-002	Extracted: 03/07/2000 08:40	Analyzed: 03/07/2000 21:19
LCSD: 2000/03/07-02.10-003	Extracted: 03/07/2000 08:40	Analyzed: 03/07/2000 21:58

Compound	Conc. [ ug/L ]		Exp. Conc. [ ug/L ]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	1180	1260	1250	1250	94.4	100.8	6.6	60-130	25		
<b>Surrogate(s)</b> o-Terphenyl	20.5	19.9	20.0	20.0	102.5	99.5		60-130			

To: **ACC Environmental Consultants**

Attn: Stephen Southern

Test Method: 8015m

Prep Method: 3550/8015M  
3510/8015M

### Batch QC Report

Diesel with Silica Gel Clean-up

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/03/07-03.10	
LCS:	2000/03/07-03.10-002	Extracted:	03/08/2000 11:04	Analyzed	03/08/2000 12:22
LCSD:	2000/03/07-03.10-003	Extracted:	03/07/2000 11:04	Analyzed	03/08/2000 13:02

Compound	Conc. [ mg/Kg ]		Exp. Conc. [ mg/Kg ]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	38.7	41.1	41.7	41.7	92.8	98.6	6.1	60-130	25		
<b>Surrogate(s)</b>											
o-Terphenyl	19.9	20.0	20.0	20.0	99.5	100.0		60-130			

To: ACC Environmental Consultants  
Attn: Stephen Southern

Test Method: 8015m  
Prep Method: 3510/8015M  
3550/8015M

## Legend & Notes

Diesel with Silica Gel Clean-up

### Analysis Flags

rl

Reporting limits raised due to reduced sample size.

### Analyte Flags

ldr

Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

nhc

Compounds reported are in this range but they do not exhibit a pattern characteristic of petroleum hydrocarbon.

## Semi-volatile Organic Compounds

<b>ACC Environmental Consultants</b>	☒ 7977 Capwell Drive, Suite 100 Oakland, CA 94621
Attn: Stephen Southern	Phone: (510) 638-8400 Fax: (510) 638-8404
Project #: 00-6073-011.00	Project: Hayward

### Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
EB1-5.0/6.0/7.0/8.0 COMP	Soil	03/06/2000	1
EB1-10.0/11.0/12.0 COMP	Soil	03/06/2000	2



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8270A  
Prep Method: 3550/8270A

Semi-volatile Organic Compounds

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irr ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Bis(2-chloroethyl)ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2-Chlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Benzyl alcohol	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2-Methylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Bis(2-chloroisopropyl) ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
4-Methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
N-Nitroso-di-n-propylamine	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Hexachloroethane	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Nitrobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Isophorone	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2-Nitrophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2,4-Dimethylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Bis(2-chloroethoxy) methane	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2,4-Dichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Naphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
4-Chloroaniline	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
Hexachlorobutadiene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
4-Chloro-3-methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
2-Methylnaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Hexachlorocyclopentadiene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2,4,6-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2,4,5-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2-Chloronaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
Dimethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
Acenaphthylene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
3-Nitroaniline	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Acenaphthene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2,4-Dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants  
Attn.: Stephen Southern

Test Method: 8270A  
Prep Method: 3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB1-5.0/6.0/7.0/8.0 COMP	Lab Sample ID: 2000-03-0095-001
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Irr ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
Dibenzofuran	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2,4-Dinitrotoluene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
2,6-Dinitrotoluene	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
Diethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
4-Chlorophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Fluorene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
4-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
2-Methyl-4,6-dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
N-Nitrosodiphenylamine	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
4-Bromophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Hexachlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Pentachlorophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
Phenanthrene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Di-n-butyl phthalate	ND	10	mg/Kg	5.00	03/08/2000 17:53	
Fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Pyrene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Butyl benzyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
3,3-Dichlorobenzidine	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
Benzo(a)anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
bis(2-Ethylhexyl) phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
Chrysene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Di-n-octyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
Benzo(b)fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 17:53	
Benzo(k)fluoranthene	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
Benzo(a)pyrene	ND	0.10	mg/Kg	5.00	03/08/2000 17:53	
Indeno(1,2,3-c,d)pyrene	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
Dibenzo(a,h)anthracene	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
Benzo(g,h,i)perylene	ND	1.0	mg/Kg	5.00	03/08/2000 17:53	
Benzoic acid	ND	2.5	mg/Kg	5.00	03/08/2000 17:53	
<b>Surrogate(s)</b> Nitrobenzene-d5	46.0	23-120	%	5.00	03/08/2000 17:53	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: **ACC Environmental Consultants**  
Attn.: Stephen Southern

Test Method: 8270A  
Prep Method: 3550/8270A

Semi-volatile Organic Compounds

Sample ID: <b>EB1-5.0/6.0/7.0/8.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-001</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
2-Fluorobiphenyl	66.2	30-115	%	5.00	03/08/2000 17:53	
p-Terphenyl-d14	59.6	18-137	%	5.00	03/08/2000 17:53	
Phenol-d5	61.2	24-113	%	5.00	03/08/2000 17:53	
2-Fluorophenol	52.7	25-121	%	5.00	03/08/2000 17:53	
2,4,6-Tribromophenol	70.5	19-122	%	5.00	03/08/2000 17:53	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8270A

Attn.: Stephen Southern

Prep Method: 3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Bis(2-chloroethyl)ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2-Chlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Benzyl alcohol	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2-Methylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Bis(2-chloroisopropyl) ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
4-Methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
N-Nitroso-di-n-propylamine	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Hexachloroethane	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Nitrobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Isophorone	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2-Nitrophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2,4-Dimethylphenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Bis(2-chloroethoxy) methane	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2,4-Dichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Naphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
4-Chloroaniline	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
Hexachlorobutadiene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
4-Chloro-3-methylphenol	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
2-Methylnaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Hexachlorocyclopentadiene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2,4,6-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2,4,5-Trichlorophenol	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2-Chloronaphthalene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
Dimethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
Acenaphthylene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
3-Nitroaniline	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Acenaphthene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2,4-Dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8270A

Attn.: Stephen Southern

Prep Method: 3550/8270A

## Semi-volatile Organic Compounds

Sample ID: EB1-10.0/11.0/12.0 COMP	Lab Sample ID: 2000-03-0095-002
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
4-Nitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
Dibenzofuran	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2,4-Dinitrotoluene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
2,6-Dinitrotoluene	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
Diethyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
4-Chlorophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Fluorene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
4-Nitroaniline	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
2-Methyl-4,6-dinitrophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
N-Nitrosodiphenylamine	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
4-Bromophenyl phenyl ether	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Hexachlorobenzene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Pentachlorophenol	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
Phenanthrene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Di-n-butyl phthalate	ND	10	mg/Kg	5.00	03/08/2000 17:10	
Fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Pyrene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Butyl benzyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
3,3-Dichlorobenzidine	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
Benzo(a)anthracene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
bis(2-Ethylhexyl) phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
Chrysene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Di-n-octyl phthalate	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
Benzo(b)fluoranthene	ND	0.50	mg/Kg	5.00	03/08/2000 17:10	
Benzo(k)fluoranthene	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
Benzo(a)pyrene	ND	0.10	mg/Kg	5.00	03/08/2000 17:10	
Indeno(1,2,3-c,d)pyrene	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
Dibenzo(a,h)anthracene	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
Benzo(g,h,i)perylene	ND	1.0	mg/Kg	5.00	03/08/2000 17:10	
Benzoic acid	ND	2.5	mg/Kg	5.00	03/08/2000 17:10	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	37.4	23-120	%	5.00	03/08/2000 17:10	

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# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-03-0095

To: ACC Environmental Consultants

Test Method: 8270A

Attn.: Stephen Southern

Prep Method: 3550/8270A

## Semi-volatile Organic Compounds

Sample ID: <b>EB1-10.0/11.0/12.0 COMP</b>	Lab Sample ID: <b>2000-03-0095-002</b>
Project: 00-6073-011.00 Hayward	Received: 03/06/2000 18:35
Sampled: 03/06/2000	Extracted: 03/07/2000 11:08
Matrix: Soil	QC-Batch: 2000/03/07-02.11
Sample/Analysis Flag Im ( See Legend & Note section )	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<b>Surrogate(s)</b>						
2-Fluorobiphenyl	56.8	30-115	%	5.00	03/08/2000 17:10	
p-Terphenyl-d14	56.2	18-137	%	5.00	03/08/2000 17:10	
Phenol-d5	54.7	24-113	%	5.00	03/08/2000 17:10	
2-Fluorophenol	47.1	25-121	%	5.00	03/08/2000 17:10	
2,4,6-Tribromophenol	67.0	19-122	%	5.00	03/08/2000 17:10	

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To: ACC Environmental Consultants  
 Attn.: Stephen Southern

Test Method: 8270A  
 Prep Method: 3550/8270A

**Batch QC Report**  
 Semi-volatile Organic Compounds

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/03/07-02.11</b>
MB: 2000/03/07-02.11-001		Date Extracted: 03/07/2000 11:08

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Fluorene	ND	0.10	mg/Kg	03/08/2000 01:59	
4-Nitroaniline	ND	0.50	mg/Kg	03/08/2000 01:59	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	03/08/2000 01:59	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	03/08/2000 01:59	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	03/08/2000 01:59	
Hexachlorobenzene	ND	0.10	mg/Kg	03/08/2000 01:59	
Pentachlorophenol	ND	0.50	mg/Kg	03/08/2000 01:59	
Phenanthrene	ND	0.10	mg/Kg	03/08/2000 01:59	
Anthracene	ND	0.10	mg/Kg	03/08/2000 01:59	
Di-n-butyl phthalate	ND	2.0	mg/Kg	03/08/2000 01:59	
Fluoranthene	ND	0.10	mg/Kg	03/08/2000 01:59	
Pyrene	ND	0.10	mg/Kg	03/08/2000 01:59	
Butyl benzyl phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzo(a)anthracene	ND	0.10	mg/Kg	03/08/2000 01:59	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
Chrysene	ND	0.10	mg/Kg	03/08/2000 01:59	
Di-n-octyl phthalate	ND	0.50	mg/Kg	03/08/2000 01:59	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	03/08/2000 01:59	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzo(a)pyrene	ND	0.02	mg/Kg	03/08/2000 01:59	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	03/08/2000 01:59	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	03/08/2000 01:59	
Benzoic acid	ND	0.50	mg/Kg	03/08/2000 01:59	
<b>Surrogate(s)</b>					
Nitrobenzene-d5	52.0	23-120	%	03/08/2000 01:59	
2-Fluorobiphenyl	72.0	30-115	%	03/08/2000 01:59	
p-Terphenyl-d14	58.0	18-137	%	03/08/2000 01:59	
Phenol-d5	67.2	24-113	%	03/08/2000 01:59	
2-Fluorophenol	58.0	25-121	%	03/08/2000 01:59	
2,4,6-Tribromophenol	79.8	19-122	%	03/08/2000 01:59	

To: ACC Environmental Consultants

Test Method: 8270A

Attn: Stephen Southern

Prep Method: 3550/8270A

## Batch QC Report

### Semi-volatile Organic Compounds

<b>Laboratory Control Spike (LCS/LCSD)</b>		<b>Soil</b>		<b>QC Batch # 2000/03/07-02.11</b>	
LCS:	2000/03/07-02.11-002	Extracted:	03/07/2000-11:08	Analyzed	03/08/2000 03:38
LCSD:	2000/03/07-02.11-003	Extracted:	03/07/2000 11:08	Analyzed	03/08/2000 04:21

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Phenol	1.58	1.60	2.00	2.00	79.0	80.0	1.3	20-90	35		
2-Chlorophenol	1.47	1.50	2.00	2.00	73.5	75.0	2.0	27-123	35		
1,4-Dichlorobenzene	0.780	0.810	1.000	1.000	78.0	81.0	3.8	28-104	30		
N-Nitroso-di-n-propylamin	1.00	1.01	1.000	1.000	100.0	101.0	1.0	25-114	39		
1,2,4-Trichlorobenzene	0.660	0.670	1.000	1.000	66.0	67.0	1.5	38-107	35		
4-Chloro-3-methylphenol	1.49	1.49	2.00	2.00	74.5	74.5	0.0	26-103	33		
Acenaphthene	0.940	0.960	1.000	1.000	94.0	96.0	2.1	49-102	30		
4-Nitrophenol	1.63	1.66	2.00	2.00	81.5	83.0	1.8	17-109	35		
2,4-Dinitrotoluene	0.830	0.850	1.000	1.000	83.0	85.0	2.4	28-89	38		
Pentachlorophenol	1.48	1.52	2.00	2.00	74.0	76.0	2.7	11-114	35		
Pyrene	0.750	0.740	1.000	1.000	75.0	74.0	1.3	25-117	35		
<b>Surrogate(s)</b>											
Nitrobenzene-d5	11.3	11.2	25	25	45.2	44.8		23-120			
2-Fluorobiphenyl	18.3	18.6	25	25	73.2	74.4		30-115			
p-Terphenyl-d14	16.6	16.6	25	25	66.4	66.4		18-137			
Phenol-d5	33.6	34.6	50	50	67.2	69.2		24-113			
2-Fluorophenol	25.4	25.4	50	50	50.8	50.8		25-121			
2,4,6-Tribromophenol	39.6	40.4	50	50	79.2	80.8		19-122			



To: ACC Environmental Consultants

Attn: Stephen Southern

Test Method: 8270A

Prep Method: 3550/8270A

## Legend & Notes

Semi-volatile Organic Compounds

### Analysis Flags

ln

Reporting limits raised due to high level of non-target analyte materials.