

Impact Environmental Services



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8:38 am, Jun 11, 2007

Alameda County
Environmental Health

June 5, 2007

Mr. Steven Plunkett:
Alameda County Environmental Health Services
1131 Harbor Bay Parkway
San Francisco, CA 94105

Re: Submittal of Site Characterization Report
1409-1417 12th Street
Oakland, California
Fuel Leak Case No. R#O0002933

Mr. Plunkett:

Please find the attached Site Characterization Report for the property at 1409-1417 12th Street, Oakland, California. Please call me at (510) 703-5420 if you have questions or require additional information.

I declare, under penalty of perjury, that the information in this report is true and correct to the best of my knowledge.

Impact Environmental

A handwritten signature in black ink, appearing to read "Joseph A. Cotton", written over a horizontal line.

Joseph A Cotton, P.G. 7378
Principal Geologist

SITE CHARACTERIZATION REPORT
1409- 1417 12TH STREET
OAKLAND, CALIFORNIA

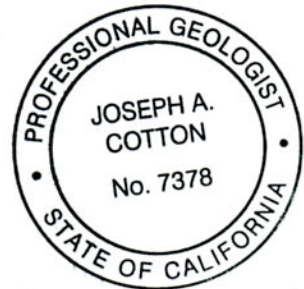
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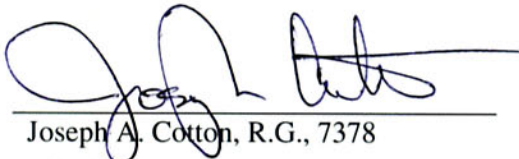
Mrs. Shirley Thompson
1155 Hopkins Street
Berkeley, CA 94801

Prepared by:

Impact Environmental Services Inc.
39120 Argonaut Way, Suite 223
Fremont, California 94538

Impact Environmental Services





Joseph A. Cotton, R.G., 7378

Principal Geologist

June 5, 2007

**SITE CHARACTERIZATION REPORT
1409-1417 12TH STREET
OAKLAND CALIFORNIA**

ACEH File No. RO2933

On behalf of Mrs. Shirley E. Thompson, Impact Environmental Services (IES) is presenting this Site Characterization Report for 1409-1417 12th Street in Oakland, California (Figure 1). This report presents the results of sampling activities to further characterize the extent of petroleum hydrocarbons and volatile organic compounds in on-site soil, soil-vapor and groundwater at the subject property. The investigation was conducted to satisfy a request from the Alameda County Environmental Health Services (ACEH) to characterize the extent of soil and groundwater contamination related to the unauthorized fuel release at the subject property¹. Sampling activities were conducted in general conformance with a workplan² prepared by IES and submitted to ACEH. Conditional approval³ of the workplan was provided by ACEH on March 28, 2007.

SITE CONTACT INFORMATION

The site address and contact information for the subject property is as follows:

Site Address:

1409-1417 12th Street
Oakland, CA
APN 004-063-06

Contact Information:

Mrs. Shirley E. Thompson
Edward C. & Shirley E. Thompson Trust
1155 Hopkins Street
Berkeley, CA 94702-1359

¹ Alameda County Environmental Health, "Fuel Leak Case No. RO2933, 1409-1417 12th Street, Oakland, California CA 94607-2003_Request for Work Plan", February 26, 2007.

² , Impact Environmental, *Site Characterization Workplan for 1409-1417 12th Street, Oakland, California*, March 15, 2007.

³ Alameda County Environmental Health, "Fuel Leak Case No. RO2933, 1409-1417 12th Street, Oakland, California CA 94607-2003_Request for Work Plan", March 28, 2007.

SITE BACKGROUND

Site Description

The Subject Property is located in a predominately residential area in the western section of the city of Oakland, Alameda County, California (Figure 1). The subject Property comprises the Alameda County assessor parcel 004-063-06 and is bordered to the north by 12th Street and residential development, to the south by a vacant lot, on the east by Mandela Parkway, and to the west by a residential development (Figure 2). The property is located approximately 1-mile southeast of San Francisco Bay and 1-mile north of Oakland Inner Harbor. The elevation of the site is approximately 17 feet above mean sea level (USGS West Oakland 7.5 Minute Quadrangle). Portions of the site are paved with asphalt and the remainder is covered by grass and soil. Several mounds of soil up to 2 feet high are present in the southeast portion of the subject property.

Historical Site Operation

Historical records indicate that the property was occupied by a service station from circa 1957 to the circa 1969. The subject property was either vacant or occupied by residential dwellings from at least 1902 to circa 1956. Sanborn maps from 1957, 1958, 1961 and 1967 appear to show three underground fuel storage tanks (USTs) located in the southeast corner of the service station. The 1961 Sanborn map appears to show a fourth UST or AST along the west property boundary. Communications with Oakland Fire Department Hazardous Materials Division, confirmed that no records of UST removal exist for the Subject Property⁴.

Geologic Setting

The Subject Property is located in the East Bay Plain of the San Francisco Bay Area. This region is dominated by northwest trending topography enclosed in the Coast Range Province of California. The site is located in a “ Merritt Sand Outcrop” groundwater subarea, which has a maximum thickness of 65 feet, and the local gradient is directed toward the west to southwest⁵. Soil beneath the property consists primarily of silty-sand to at least 16 feet bgs. Groundwater is first encountered between 10.5 and 13.5 below ground surface (bgs) and

⁴ Personal Communication, *LeRoy Griffin, Oakland Fire Department Hazardous Materials Division, May 25, 2006.*

⁵ Hickenbottom and Muir, *Geohydrology and Groundwater Quality Overview of the East Bay Plain Area, Alameda County, California, 205 (J) Report, 1988.*

stabilizes at approximately 11 feet bgs. The direction of groundwater flow in the surrounding area is highly variable⁶. The direction of groundwater flow at the site is currently unknown.

HISTORICAL ENVIRONMENTAL ASSESSMENT

Subsurface Investigation_August 1999

In August 1999, East Bay Asian Local Development Corporation (EBALDC) contracted Blymer Engineers of Alameda, California to conduct a subsurface investigation at the subject property⁷. EBALDC was considering purchasing the subject property from Mrs. Thompson for infill development of residential housing units.

The investigation consisted of the installation of five on-site exploratory borings (B1 through B5) and the collection of ten soil and five grab groundwater samples. Soil and grab groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by modified EPA Method 8015, and benzene, toluene, ethylbenzene and total xylenes (BTEX) and methyl *tert*-butyl ether (MTBE) by EPA Method 8020. In addition, all of the soil samples and three groundwater samples (GW-3, GW-4, and GW-5) were analyzed for total lead using EPA Methods 6010 and 239.2. Grab groundwater sample GW-5 was also analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260.

TPHg at concentrations up to 1,500 milligrams per kilogram (mg/kg) and BTEX compounds at concentrations up to 120 mg/kg were detected in soil samples collected from borings B3 and B5. The highest concentrations were detected just above first-encountered groundwater at a depth of 10.5 to 11.5 feet bgs. Lead was detected in all soil samples (with the exception of sample B1-5) at concentrations indicative of background levels.

TPHg at concentrations up to 110,000 micrograms per liter ($\mu\text{g/L}$), benzene up to 5,800 $\mu\text{g/L}$, toluene up to 16,000 $\mu\text{g/L}$, ethylbenzene up to 31,000 $\mu\text{g/L}$, and total xylenes up to 18,000 $\mu\text{g/L}$ were detected in groundwater samples GW-2, GW-3, and GW-5. The laboratory noted the presence of a "lighter than water immiscible sheen" in groundwater samples GW-3 and

⁶ Personal Communication, *Steven Plunkett, Alameda County Environmental Health*, March 30, 2007.

⁷ Blymer Engineers, Inc., *Subsurface Investigation Vacant Parcel 1409-1417 12th Street, Oakland, California*, August 25, 1999.

GW-5. Lead was not detected in any of the groundwater samples above the method reporting limit of 0.005 milligrams per liter (mg/L). The following VOCs (by EPA Method 8260) were detected in groundwater sample GW-5: benzene (5,400 µg/L), 1,2-dichloroethane (1,2-DCA, 500 µg/L), ethylbenzene (3,800 µg/L), n-propylbenzene (550 µg/L), toluene (18,000 µg/L), 1,2,4-trimethylbenzene (4,900 µg/L), 1,3,5-trimethylbenzene (1,100 µg/L), and total xylenes (23,000 µg/L). The detected concentrations of TPHg and BTEX in groundwater samples from borings B2, B3, and B5 exceed respective San Francisco Bay Regional Water Quality Control Board (RWQCB) environmental screening levels (ESLs)⁸ for commercial and residential land use scenarios. The concentration of 1,2-DCA detected in groundwater sample GW-5 also exceeds the ESL for that compound.

The subsurface investigation also included a magnetometer survey to determine if USTs were still present beneath the site. The magnetometer survey did not reveal evidence of buried underground storage tanks.

Phase I Environmental Site Assessment _ July 2006

In July, 2006, Impact conducted a Phase I Environmental Site Assessment (Phase I) at the Subject Property⁹. The scope of the Phase I included a reconnaissance of the site and vicinity to assess current land use, review of historical records to establish past land use and to help evaluate the likelihood that past land use resulted in subsurface contamination. Geologic maps and environmental reports were also reviewed to evaluate general geologic and hydrogeologic conditions in the area including the presence of groundwater and regional hydrogeologic features dictating groundwater flow direction. Government agency files were also reviewed for information regarding subsurface contamination and use, storage and disposal of hazardous materials at the site and vicinity.

The subject property was not on any government lists. However, the Phase I concluded that the subject property was occupied by a gasoline service station from circa 1957 to circa 1969. Based on review of the Blymer report, previous activities at the site appear to have resulted in hydrocarbon contamination of soils and groundwater at the property.

⁸ *Screening For Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board, February 2005.

⁹ Impact Environmental Services, *Phase I Environmental Site Assessment 1409-1417 12th Street Oakland California*, August 25, 2006 (revised December 13, 2006).

SITE CHARACTERIZATION INVESTIGATION

This report describes our efforts to further evaluate the presence of petroleum hydrocarbons and VOCs in soil, soil-vapor, and groundwater at the subject property. The scope of work included:

- Installing nine exploratory borings (B-6, B-7, and B-9 through B-15)
- Installing nine temporary soil-vapor wells (SV-1 through SV-9)
- Collecting and analyzing soil, soil-vapor, and grab groundwater samples for petroleum hydrocarbons, BTEX and fuel oxygenates
- Preparing this Site Characterization Report

Soil and Groundwater Sample Collection

Prior to drilling, IMPACT obtained a drilling permit to install the exploratory borings from Alameda County Public Works Department. The drilling permit is presented in Appendix A. Underground Service Alert (USA) cleared the perimeter of the site for underground utilities. Cruz Brothers Underground Utility Locators (Cruz Brothers) of Scotts Valley, California cleared boring locations for underground utilities and conducted a magnetometer survey of the entire site to follow-up on the 1999 magnetometer survey conducted by EBALC. The magnetometer survey was conducted by scanning the site in a north-south and east-west trending grid pattern at 5-foot intervals.

On May 7 and May 9, nine exploratory borings (B-6 through B-15, excluding B-8) were completed at the site. Boring locations are presented on Figure 2. Boring B-8 was a provisional boring that was not installed because of the absence of noticeable hydrocarbon contamination in boring B-7. Soil samples were collected from all borings at depths of 5, 10, 15 and 20 feet bgs. All nine borings were completed to a total depth of 20 feet bgs. Grab groundwater samples were collected from the borings. Soil and groundwater samples were analyzed for TPHd and TPHmo by EPA Method 8015; TPHg, BTEX and fuel oxygenates by EPA Method 8260.

Drilling and Sampling Methods

Environmental Control Associates (ECA), a licensed driller from Aptos, California, completed the borings using direct-push drilling methods. Borings were advanced using the Enviro-Core sampling system. The Enviro-Core system consists of 2.5-inch-diameter steel drive casing and a 1.8-inch-diameter inner sample barrel that are simultaneously pushed, driven, or vibrated into the ground. Continuous soil cores were collected in butyrate tubes inside the inner sample barrel. After being advanced to the desired interval (usually three to four feet), the inner sample barrel was retrieved while the drive casing was left in place to prevent borehole collapse. After retrieving the inner core barrel, the samples were removed for chemical analyses or lithologic identification. Borings were advanced at least two feet beyond first encountered groundwater and grab groundwater samples were collected using a peristaltic pump or new, disposable Teflon® bailers.

Periodic soil samples were screened in the field using an organic vapor meter (OVM) and visual and olfactory methods to evaluate the presence of hydrocarbons in the soil.

The soil core from each boring was logged according to the Unified Soil Classification System (USCS) by a professional geologist certified by the State of California. Boring logs are presented in Appendix B.

Soil and groundwater samples for laboratory analysis were properly containerized, labeled, and preserved upon collection. Chain-of-custody documentation accompanied the samples to the laboratory for analysis.

All down-hole equipment was triple-rinsed before use and between borings. Following completion of sample collection, each boring was grouted to the surface with bentonite-cement slurry using a tremie pipe.

Soil-Vapor Sample Collection

On May 16th and 17th, IES collected nine soil vapor samples at the locations shown on Figure 3. Soil-vapor sampling was conducted in accordance with the Department of Toxic Substance Control California Environmental Protection Agency (DTSC) guidance

document¹⁰. All soil-vapor samples will be collected following installation of exploratory borings.

Soil-vapor probes were installed using a direct-push sampling rig. The probes were installed by pushing a hollow rod with a retractable tip to the target sampling depth of 5 feet bgs. After reaching the target sampling depth, the sampling rod was withdrawn 6 inches, exposing a screened interval immediately above the retractable tip. Before retraction, the screened interval was pre-connected to polyethylene tubing to prevent the intrusion of surface air. Before sampling, bentonite was placed from approximately 4 bgs to the surface around the sampling rod to inhibit surface air intrusion; isopropanol was used along the sampling train to provide leak detection material. After approximately fifteen to thirty minutes, the sampling train volume was purged three times at a rate of approximately 100 milliliters per minute (ml/min) using a 100-ml syringe. A 6-liter Summa canister was used to collect a sample at a rate of 100 to 200 ml/min. Summa canisters were labeled and transported (non-chilled) to Torrent Labs of Milpitas, California under chain-of-custody control and documentation. After completion of sampling, the rod was withdrawn and the boring was backfilled with neat cement mixed with 4% bentonite.

Soil-vapor samples were analyzed for TPHg (by modified EPA Method TO-3) and VOCs (by EPA Method TO-15).

SITE CHARACTERIZATION RESULTS

Site Hydrogeology and Stratigraphy

Soils beneath the subject property consisted of a moderate yellowish-brown to moderate reddish-brown silty sand to sand unit. The sand layer was encountered from approximately 3 feet bgs to the depth of exploration at 20 feet bgs. A dark yellowish-brown sandy clay was observed from the surface to the top of the sand layer at 3 feet bgs. Groundwater at the site was first encountered at depths ranging from 11 to 13 feet bgs. Free-product (gasoline) was identified in soils just above first-encountered groundwater in boring B-9.

¹⁰ DTSC Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air-Interim Final, February 7, 2005.

Quality Control Results

Quality control (QC) sample results and laboratory QC data were evaluated to assess the acceptability of the analytical data. Laboratory QC results are included with the certified analytical reports (CAR) presented in Appendix C. All laboratory analyses occurred within EPA recommended sample holding times and all sample containers were received in acceptable condition by the laboratory. Based on the laboratory QA/QC summaries, all method blanks, laboratory control samples (LCS), matrix spikes (MS), and matrix spike duplicates (MSD) were within laboratory control limits.

Detection limits for samples B-9: GW were elevated due to high concentrations of fuel related contaminants. As a result, detections of constituents of concern in these samples may be masked by the high detection limits.

In several soil-vapor samples the reporting limits (RL) were increased due to low pressure in the summa canisters. The results of sample SV-1 are estimated values that were reported to the method detection limit (MDL). Values reported between the MDL and RL should be considered as estimated. TPHg was present in all but two soil gas samples; however, almost all of the results were elevated due to the presence of non-target compounds within the TPHg quantitative range.

The percent recovery for vinyl acetate in the LCSDF is outside of laboratory control limits (high biased). However, no corrective action was required.

No other laboratory QA/QC issues were noted during this investigation. Notes describing laboratory quality control issues are included at the end of each CAR. Laboratory QC results indicate that the soil, groundwater, and soil-vapor analytical data are acceptable for the intended purpose.

Exploratory Soil and Groundwater Sample Results

Soil and grab groundwater samples results are summarized in Tables 1 through Table 4 and discussed in the following sections. Laboratory CARs are presented in Appendix C.

Soil Sample Results

Thirty-six soil samples were collected from the nine exploratory borings. Table 1 presents soil sample results for TPHg, TPHd, TPHmo, BTEX and MTBE. Table 2 presents soil sample results for fuel oxygenates.

TPHg was detected in three of the thirty-six soil samples. TPHg concentrations ranged from 32 mg/kg and 20,000 mg/kg. Soil samples collected from boring B-9 contained the only soil samples with TPHg detections. Two of these samples (B-9:10' [4,600 mg/kg] and B-9:12' [20,000 mg/kg]) contained concentrations of TPHg that exceed the ESL of 100 mg/kg. TPHd was not detected at or above method detection limits (MDLs) in soil samples. TPHmo was only detected in one soil sample (B-10:5'). The concentration of TPHmo in this sample was significantly below the residential ESL of 500 mg/kg.

BTEX were only detected in soil samples retrieved from exploratory boring B-9. Benzene was detected at 830 µg/kg in soil sample B-9:20'. The concentration of benzene in this sample is above the residential ESL of 44 µg/kg. Toluene was detected at 210,000 µg/kg and 320 µg/kg in samples B-9:12' and B-9:20', respectively. The concentration of toluene in sample B-9:12' exceeds to residential ESL of 2,900 µg/kg. Ethyl benzene was detected at concentrations of 220,000 µg/kg and 440 µg/kg in samples B-9:12' and B-9:20', respectively. The concentration of ethyl benzene in sample B-9:12' exceeds to residential ESL of 220,000 µg/kg. Total xylenes were detected in soil samples B-9:10' (88,000 µg/kg), B-9:12' (1,300,000 µg/kg), and B-9:20' (1,600 µg/kg). The concentrations of total xylenes in samples B-9:10' and B-9:12' are above the residential ESL of 2,300 µg/kg.

Fuel oxygenates were not detected at or above MDLs in soil samples collected from the site.

Borings advanced at the suspected former UST locations (B-11 and B-15) did not encounter the UST excavations.

Soil-Vapor Sample Results

Nine soil-vapor samples (SV-1 through SV-9) were collected from the locations shown on Figure 3. Soil-vapor sample results are presented in Table 5. The soil-vapor sample collected from SV-6 contained concentrations of TPHg, benzene, and vinyl chloride that exceed residential ESLs for shallow soil gas. TPHg was detected in sample SV-6 at 52,000 ug/m³, which is twice the ESL of 26,000 ug/m³. Benzene and vinyl chloride were detected at concentrations of 1,200 ug/m³ and 260 ug/m³, which is significantly above their respective

ESLs of 32 ug/m³ and 85 ug/m³. The remaining soil-vapor samples collected as part of this investigation did not contain constituents of concern above ESLs.

Low concentrations of isopropanol were detected samples SV-4, SV-5, SV-7 and SV-9. However, the detections of isopropanol were at such concentrations that it is not likely that soil-vapor sample results were significantly affected by minor leaks within the sampling train.

Grab Groundwater Sample Results

Grab groundwater samples were collected from all nine exploratory borings. Grab groundwater sample results for TPHg, TPHd, TPHmo, BTEX and MTBE are presented in Table 3. Table 4 presents fuel oxygenates groundwater sample results.

The grab groundwater sample collected from boring B-9 contained TPHg at 52,000 µg/L, which is significantly above the ESL of 100 µg/L. The grab groundwater sample collected from boring B-7 contained TPHd at 59 µg/L. The grab groundwater sample collected from boring B-6 contained TPHmo at 150 µg/L, which exceeds the ESL of 100 µg/L.

BTEX were not detected at or above MDLs in grab groundwater samples collected from the site, with the exception of the following samples. The groundwater sample collected from boring B-9 contained 8,700µg/L of benzene, 2,200 µg/L toluene, 2,000 µg/L mg/kg ethylbenzene, and 7,200 µg/L total xylenes.

Fuel oxygenates (including MTBE) were not detected at or above MDLs in grab groundwater samples collected from the site during this investigation, with the following exception. 1, 2-Dichloroethane was detected at 570 µg/L in the grab groundwater sample collected from boring B-9. The concentrations of 1, 2-dichloroethane in this sample exceeds the residential ESL of 0.5 µg/L.

HUMAN HEALTH RISK DISCUSSION

The RWQCB developed ESLs to provide a measure of whether additional investigation, remedial action, or a more detailed risk assessment should be pursued. Soil sample results were compared to shallow soil ESLs for residential land-use where groundwater is a drinking

water source. Grab groundwater sample results were compared to ESLs for residential land. Potential human health risks at the site include exposure from direct-contact with petroleum-impacted soils (i.e., during construction activities) and intrusion and subsequent inhalation (indoor) of petroleum-related vapors from impacted soil and groundwater.

CONCLUSIONS

Soil and grab groundwater samples collected from the site during this investigation and previous sampling efforts were found to contain petroleum hydrocarbons and related aromatic compounds that were significantly above residential land-use ESLs.

Soil, soil-vapor, and grab groundwater samples collected from boring B-9 contained gasoline-range hydrocarbons, BTEX, and 1, 2-dichloroethane at concentrations that present a potential risk to human health in a residential land-use scenario. The groundwater sample collected from boring B-6 contained motor-oil range hydrocarbons above residential ESLs. In 1999, soil and groundwater samples collected from borings B-2, B-3, and B-5 reportedly contained petroleum hydrocarbons and VOCs above ESLs.

Petroleum contamination in groundwater is isolated in hot-spots in the northern portion of the property. These hot-spots are located in the vicinity of borings B-2, B-3, B-5, and B-9. Petroleum contamination was not detected in soil and groundwater samples collected from the southern portion of the property. Free-product (gasoline) was identified in soils just above first encountered groundwater in boring B-9. Grab groundwater samples collected from exploratory borings B-2, B-3, and B-4, and B-9 contained TPHg at concentrations indicative of free-phase product (i.e., greater than 5 milligrams per liter [mg/L], which is the assumed solubility limit of TPH in water) ^{11,12}. The concentration of TPHg and BTEX in soil at borings B-2, B-3, and B-4, and B-9 appears to be a result of adsorption of residual free-phase petroleum or dissolved hydrocarbons to soil in contact with a fluctuating water table.

¹¹ Total Petroleum Hydrocarbon Criteria Working Group Series Volume 3, Selection of Representative TPH Fractions Based on Fate and Transport Considerations, July 1997

¹² Agency for Toxic Substances and Disease Registry, *Toxicological Profile for Fuel Oils*, 1995.

The presence of petroleum hydrocarbon in soil and groundwater beneath the property in the northern portion of the property presents a potential risk to human health in a residential land-use scenario.

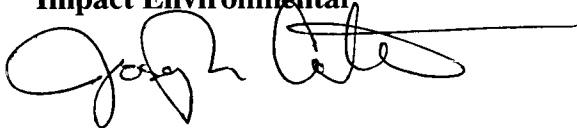
RECOMMENDATIONS

Based on the anticipated future residential development at the property and the existing environmental conditions, IES recommends developing a workplan for installing groundwater monitoring wells and instituting quarterly groundwater monitoring. IES also recommends installing a groundwater extraction well near boring B-9 to accommodate free-phase product removal. IES further recommends that interim remedial action be taken prevent the spread of free-phase and dissolved-phase petroleum hydrocarbons in groundwater at the property.

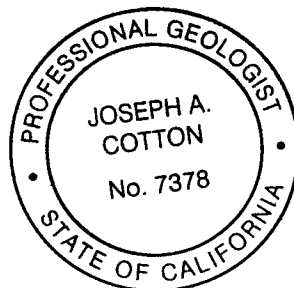
If you have any questions regarding this report, please call us at 510-703-5420.

Sincerely,

Impact Environmental,



Joseph A Cotton, P.G. 7378
Principal Geologist



Attachments:

Tables

- Table 1 - Soil Analytical Results_ Petroleum Hydrocarbon, BTEX, and MTBE
- Table 2 - Soil Analytical Results_ Fuel Oxygenates
- Table 3 - Groundwater Analytical Results_ Petroleum Hydrocarbon, BTEX, and MTBE
- Table 4 - Groundwater Analytical Results_ Fuel Oxygenates
- Table 5 - Soil Gas Analytical Results

Figures

- Figure 1 - Site Location Map
- Figure 2 - Exploratory Boring Locations
- Figure 3 – Soil Vapor Sample Locations

Appendices

- Appendix A – Contra Costa County Boring Permit
- Appendix B – Boring Logs
- Appendix C - Laboratory Certified Analytical Report

LIMITATIONS

Impact Environmental Services actions on this project were performed in accordance with current generally accepted environmental consulting principles and practices. This warranty is in lieu of all others, be it expressed or implied. Environmental conditions may exist at the site that could not be observed. Where the scope of services was limited to observations made during site reconnaissance, interviews, and/or review of readily available reports and literature, our conclusions and recommendations are necessarily based largely on information supplied by others, the accuracy and sufficiency of which may not have been independently reviewed by us. Our professional analyses are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions between such sampling points. Additional data from future work or changing conditions may lead to modifications to our professional opinions and recommendations. Any reliance on this report, or portions thereof, by a third party shall be at such party's sole risk.

Table 1
Soil Analytical Results_Petroleum Hydrocarbons, BTEX and MTBE
Site Characterization Report
1409- 1417 12th Street Oakland, California

Sample ID	Date Sampled	Sample Depth	TPHg (µg/Kg)	TPHd (mg/kg)	TPHmo (mg/kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethylbenzene (µg/Kg)	Xylenes (µg/Kg)	MtBE (µg/Kg)
B-6: 5'	05/07/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-6: 10'	05/07/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-6: 15'	05/07/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-6: 20'	05/07/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-7: 5'	05/07/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-7: 10'	05/07/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-7: 15'	05/07/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-7: 20'	05/07/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-9: 5'	05/07/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-9: 10'	05/07/07	10	4,600,000	<50	<100	<25,000*	<25,000*	<25,000*	88,000	<25,000*
B-9: 12'	05/07/07	12	20,000,000	<100	<200	<50,000*	210,000	220,000	1,300,000	<50,000*
B-9: 20'	05/07/07	20	32,000	<5.0	<10	830	320	440	1,600	<250*
B-10: 5'	05/09/07	5	<100	<5.0	35	<5.0	<5.0	<5.0	<10	<5.0
B-10: 10'	05/09/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-10: 15'	05/09/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-10: 20'	05/09/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-11: 5'	05/07/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-11: 10'	05/07/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-11: 15'	05/07/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-11: 20'	05/07/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
<i>Residential ESL for Shallow Soil (DWS)</i>			<i>100,000</i>	<i>100</i>	<i>500</i>	<i>44</i>	<i>2,900</i>	<i>3,300</i>	<i>2,300</i>	<i>23</i>

Table 1
Soil Analytical Results_Petroleum Hydrocarbons, BTEX and MTBE
Site Characterization Report
1409- 1417 12th Street Oakland, California

Sample ID	Date Sampled	Sample Depth	TPHg (µg/Kg)	TPHd (mg/kg)	TPHmo (mg/kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethylbenzene (µg/Kg)	Xylenes (µg/Kg)	MTBE (µg/Kg)
B-12: 5'	05/09/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-12: 10'	05/09/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-12: 15'	05/09/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-12: 20'	05/09/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-13: 5'	05/09/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-13: 10'	05/09/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-13: 15'	05/09/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-13: 20'	05/09/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-14: 5'	05/07/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-14: 10'	05/07/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-14: 15'	05/07/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-14: 20'	05/07/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-15: 5'	05/07/07	5	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-15: 10'	05/07/07	10	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-15: 15'	05/07/07	15	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
B-15: 20'	05/07/07	20	<100	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0
<i>Residential ESL for Shallow Soil (DWS)</i>			<i>100,000</i>	<i>100</i>	<i>500</i>	<i>44</i>	<i>2,900</i>	<i>3,300</i>	<i>2,300</i>	<i>23</i>

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8260
TPHd= Total Petroleum Hydrocarbons as diesel by EPA Method 8015
TPHmo= Total Petroleum Hydrocarbons as motor oil by EPA Method 8015
Benzene, methyl-tert-butyl ether, toluene, ethylbenzene, and xylenes by EPA Method 8260
mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm)
ug/kg = Micrograms per kilogram, equivalent to parts per billion (ppb)
NA = Not analyzed

*- The detection limits for this sample are elevated due to the presence of high concentrations of several constituents. The high detection limits may mask the presence of this constituent.

ESL= San Francisco Bay Regional Water Quality Control Board, Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, February 2005.

Bolded results exceed respective ESLs

Table 2
Soil Analytical Results_Fuel Oxygenates
Site Characterization Report
1409- 1417 12th Street Oakland, California

Sample ID	Date Sampled	Sample Depth	tert-Butyl Ethyl			tert-Amyl Methyl		
			Ether (µg/Kg)	tert Butanol (TBA) (µg/Kg)	Diisopropyl Ether (µg/Kg)	Ether (µg/Kg)	1,2-Dichloroethane (µg/Kg)	1,2-Dibromoethane (µg/Kg)
B-6: 5'	05/07/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-6: 10'	05/07/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-6: 15'	05/07/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-6: 20'	05/07/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-7: 5'	05/07/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-7: 10'	05/07/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-7: 15'	05/07/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-7: 20'	05/07/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-9: 5'	05/07/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-9: 10'	05/07/07	10	<25,000*	<200,000*	<25,000*	<25,000*	<25,000*	<25,000*
B-9: 12'	05/07/07	12	<50,000*	<400,000*	<50,000*	<50,000*	<50,000*	<50,000*
B-9: 20'	05/07/07	20	<250*	<2,000*	<250*	<250*	<250*	<250*
B-10: 5'	05/09/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-10: 10'	05/09/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-10: 15'	05/09/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-10: 20'	05/09/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-11: 5'	05/07/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-11: 10'	05/07/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-11: 15'	05/07/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-11: 20'	05/07/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
<i>Residential ESL for Shallow Soil (DWS)</i>			<i>NA</i>	<i>57,000</i>	<i>NA</i>	<i>NA</i>	<i>25</i>	<i>7.3</i>

Table 2
Soil Analytical Results_Fuel Oxygenates
Site Characterization Report
1409- 1417 12th Street Oakland, California

Sample ID	Date Sampled	Sample Depth	tert-Butyl Ethyl			tert-Amyl Methyl		
			Ether (µg/Kg)	tert Butanol (TBA) (µg/Kg)	Diisopropyl Ether (µg/Kg)	Ether (µg/Kg)	1,2-Dichloroethane (µg/Kg)	1,2-Dibromoethane (µg/Kg)
B-12: 5'	05/09/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-12: 10'	05/09/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-12: 15'	05/09/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-12: 20'	05/09/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-13: 5'	05/09/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-13: 10'	05/09/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-13: 15'	05/09/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-13: 20'	05/09/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-14: 5'	05/07/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-14: 10'	05/07/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-14: 15'	05/07/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-14: 20'	05/07/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-15: 5'	05/07/07	5	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-15: 10'	05/07/07	10	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-15: 15'	05/07/07	15	<5.0	<40	<5.0	<5.0	<5.0	<5.0
B-15: 20'	05/07/07	20	<5.0	<40	<5.0	<5.0	<5.0	<5.0
<i>Residential ESL for Shallow Soil (DWS)</i>			<i>N/A</i>	<i>57,000</i>	<i>N/A</i>	<i>N/A</i>	<i>25</i>	<i>7.3</i>

Oxygenates by EPA Method 8260

ug/kg = Microgram per kilogram, equivalent to parts per billion (ppb)

*- The detection limits for this sample are elevated due to the presence of high concentrations of several constituents. The high detection limits may mask the presence of this constituent.

NA = Not analyzed

N/A= Not Applicable

ESL= San Francisco Bay Regional Water Quality Control Board, Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, February 2005.

Bolded results exceed respective ESLs

Table 3
Groundwater Analytical Results_Petroleum Hydrocarbons, BTEX and MTBE
Site Characterization Report
1409- 1417 12th Street Oakland, California

Date	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE	
Sample ID	Sampled	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
B-6:GW	05/07/07	<25	<66	150	<0.50	<0.50	<0.50	<0.50	<1.0
B-7:GW	05/07/07	<25	59	<100	<0.50	<0.50	<0.50	<0.50	<1.0
B-9:GW	05/07/07	52,000	<1,200*	<2,400*	8,700	2,200	2,000	7,200	<100*
B-10:GW	05/09/07	<25	<49	<98	<0.50	<0.50	<0.50	<0.50	<1.0
B-11:GW	05/07/07	<25	<56	<110	<0.50	<0.50	<0.50	<0.50	<1.0
B-12:GW	05/09/07	<25	<50	<100	<0.50	<0.50	<0.50	<0.50	<1.0
B-13:GW	05/09/07	<25	<50	<100	<0.50	<0.50	<0.50	<0.50	<1.0
B-14:GW	05/09/07	<25	<52	<100	<0.50	<0.50	<0.50	<0.50	<1.0
B-15:GW	05/07/07	<25	<62	<120	<0.50	<0.50	<0.50	<0.50	<1.0
<i>Residential ESL (DWS)</i>		<i>100</i>	<i>100</i>	<i>100</i>	<i>1.0</i>	<i>40</i>	<i>30</i>	<i>20</i>	<i>5.0</i>

Abbreviations and Methods:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8260

TPHd= Total Petroleum Hydrocarbons as diesel by EPA Method 8015

TPHmo= Total Petroleum Hydrocarbons as motor oil by EPA Method 8015

Benzene, methyl-tert-butyl ether, toluene, ethylbenzene, and xylenes by EPA Method 8020

ug/L= Micrograms per liter, equivalent to parts per billion (ppb)

*- The detection limits for this sample are elevated due to the presence of high concentrations of several constituents. The high detection limits may mask the presence of this constituent.

NA = Not analyzed

ESL= San Francisco Bay Regional Water Quality Control Board, Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, February 2005.

DWS- Groundwater beneath site is a drinking water source

NDWS- Groundwater beneath site is not a drinking water source

Table 4
Groundwater Analytical Results_Fuel Oxygenates
Site Characterization Report
1409- 1417 12th Street Oakland, California

Sample ID	Date Sampled	tert-Butyl Ethyl Ether (ug/L)	tert Butanol (TBA) (ug/L)	Diisopropyl Ether (ug/L)	tert-Amyl Methyl Ether (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dibromoethane (ug/L)
B-6:GW	05/07/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
B-7:GW	05/07/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
B-9:GW	05/07/07	<5.0	<10	<5.0	<5.0	570	<0.50
B-10:GW	05/09/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
B-11:GW	05/07/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
B-12:GW	05/09/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
B-13:GW	05/09/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
B-14:GW	05/09/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
B-15:GW	05/07/07	<5.0	<10	<5.0	<5.0	<0.50	<0.50
<i>Residential ESL (DWS)</i>		<i>N/A</i>	<i>12</i>	<i>N/A</i>	<i>N/A</i>	<i>0.5</i>	<i>0.05</i>

Abbreviations and Methods:

Oxygenates by EPA Method 8260

ug/L= Micrograms per liter, equivalent to parts per billion (ppb)

*- The detection limits for this sample are elevated due to the presence of high concentrations of several constituents. The high detection limits may mask the presence of this constituent.

NA = Not analyzed

N/A= Not applicable

ESL= San Francisco Bay Regional Water Quality Control Board, Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, February 2005.

DWS- Groundwater beneath site is a drinking water source

NDWS- Groundwater beneath site is not a drinking water source

Table 5
Soil Gas Analytical Results
Site Characterization Report
1409- 1417 12th Street Oakland, California

Sample ID	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8	SV-9	Residential ESL	Commercial ESL
	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)		
	05/16/07	05/16/07	05/16/07	05/16/07	05/16/07	05/17/07	05/16/07	05/16/07	05/17/07		
TPHg	426 ^(J)	1,970 ^(X)	408 ^(X)	3,070 ^(X)	<352	52,000	1,040 ^(X)	<352	1,500 ^(X)	26,000	72,000
Benzene	<10	<10	<10	<10	<10	1,200	17	<10	22	85	290
Toluene	40	56	27	65	<10	1,700	34	<10	23	63000	180,000
Ethylbenzene	<10	<10	<10	<10	<10	150	<10	<10	<10	420,000	120,000
m,p-Xylenes	23	54	24	<10	<10	830	34	15	19	150,000	410,000
o-Xylenes	<10	23	<10	17	<10	590	<10	<10	<10	150,000	410,000
MTBE	<10	<10	<10	<10	<10	<10	<10	<10	<10	9400	31,000
1,2,4-TMB	16	19	<10	18	<10	310	20	<10	<10	No ESL	No ESL
1,3,5-TMB	<10	<10	<10	<10	<10	140	<10	<10	<10	No ESL	No ESL
Styrene	<10	<10	<10	<10	<10	<10	<10	<10	<10	210,000	590,000
4-Ethyl Toluene	<10	21	<10	21	<10	350	19	<10	<10	No ESL	No ESL
Acetone	<100	<100	<100	<100	<100	<100	<100	<100	220	660,000	1,800,000
Vinyl Chloride	<10	<10	<10	<10	<10	260	<10	<10	<10	32	110
Isopropanol	<10	<10	<10	310	89	<10	59	<10	200	NA	NA

Abbreviations and Methods:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method modified TO-3

VOC = Volatile Organic Compounds by EPA Method TO-15

1,2,4-TMB= 1,2,4-Trimethylbenzene

1,2,4-TMB= 1,2,4-Trimethylbenzene

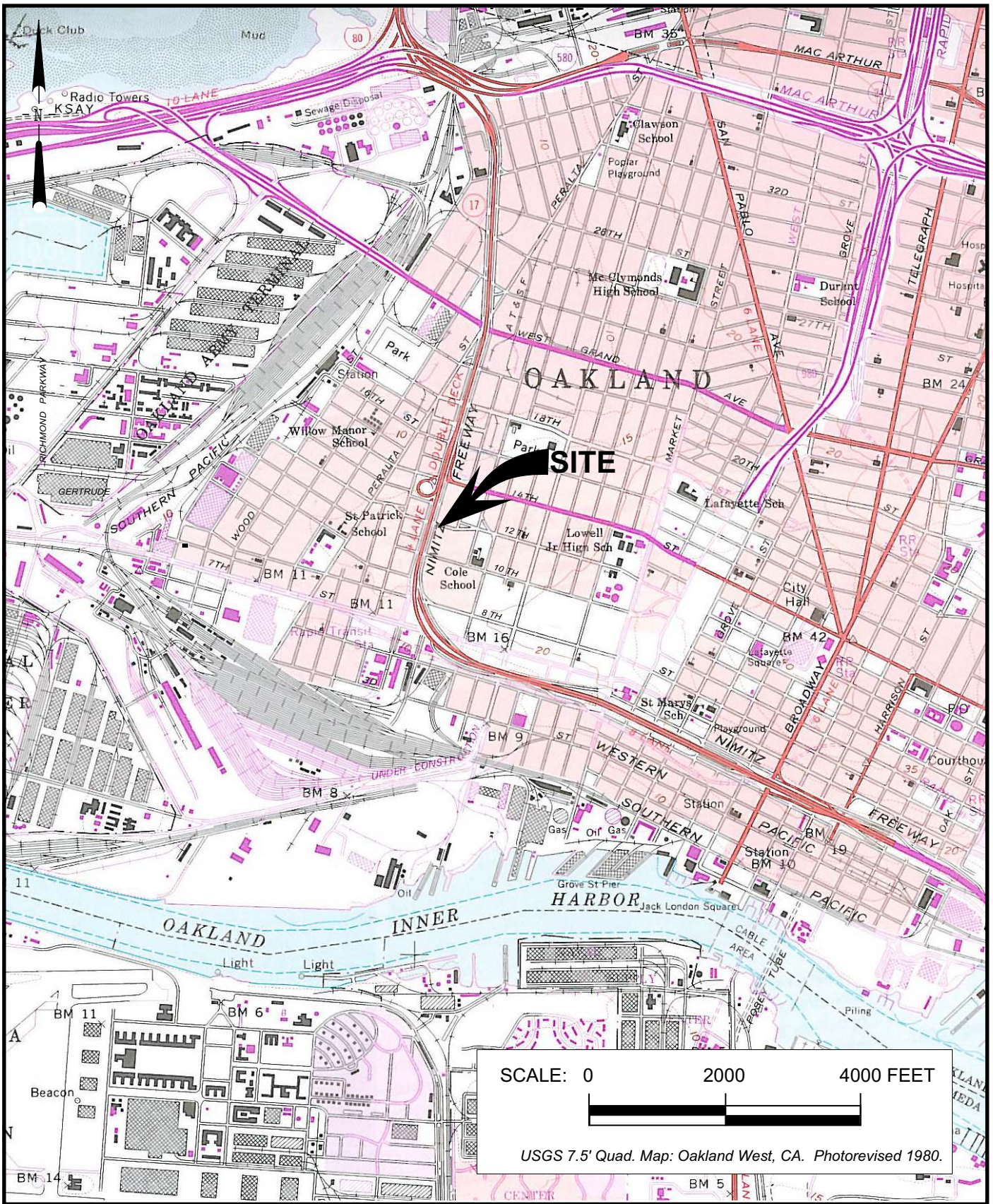
ug/m³= Micrograms per cubic meter, equivalent to parts per billion by volume (ppbv)

"J" = Reporting limit increased due to low pressure in the summa cannister. Result reported to the MDL. Values reported between the MDL and RL should be considered as estimated and are flagged with the appropriate "J" qualifier.

"X" = Although TPH as Gasoline is present, result is elevated due to the presence of non-target compounds within the TPH as Gasoline quantitative range.

NA = Not Applicable.

ESL= San Francisco Bay Regional Water Quality Control Board, Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater, February 2005.



Impact Environmental Services
 39120 Argonaut Way, Suite 223
 Fremont, CA 94538

Figure 1
 1409 to 1417 12th STREET
 OAKLAND, CALIFORNIA
SITE LOCATION

Residential

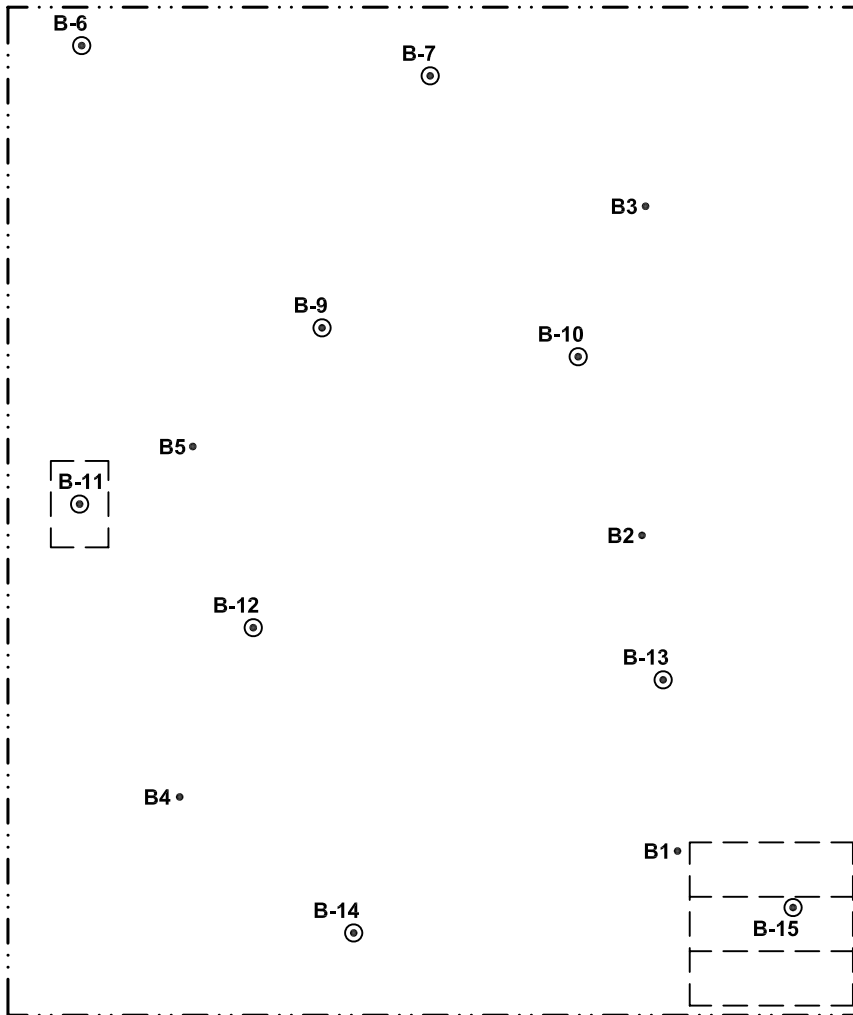
Explanation

- · · — Approximate Property Boundary
- ⌈ ⌋ Possible Former Underground Storage Tank (UST) Location based on Sanborn Fire Insurance Maps
- B-6 ⊙ Exploratory Boring Location
- B1 • Geoprobe Location (Blymer)

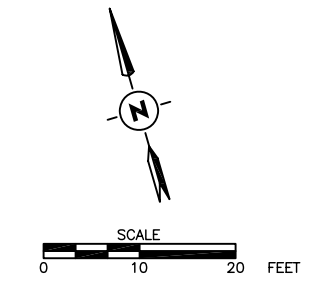
12TH STREET

Sidewalk

Residential



MANDELA PARKWAY



Revised: 5-Jun-07

Drawing File: 1409twlth

Impact Environmental Services
 39120 Argonaut Way, Suite 223
 Fremont, CA 94538

Figure 2
 1409 to 1417 12th STREET
 OAKLAND, CALIFORNIA
EXPLORATORY BORING LOCATIONS

Residential

Explanation

- · · — Approximate Property Boundary
- Possible Former Underground Storage Tank (UST) Location based on Sanborn Fire Insurance Maps
- SV-1 ◆ Soil Vapor Sample Location

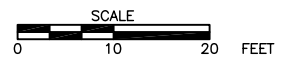
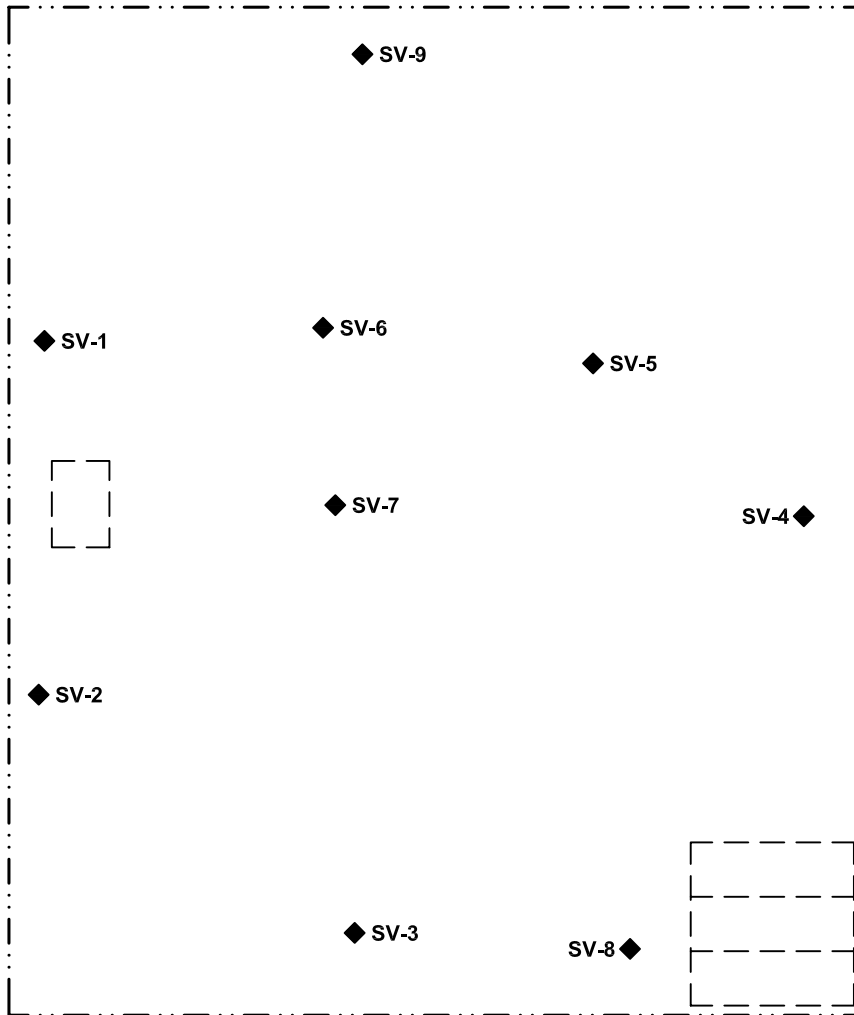
12TH STREET

Sidewalk

Residential

Sidewalk

MANDELA PARKWAY



Revised: 5-Jun-07

Drawing File: 1409twlth

Impact Environmental Services
 39120 Argonaut Way, Suite 223
 Fremont, CA 94538

Figure 3
 1409 to 1417 12th STREET
 OAKLAND, CALIFORNIA
SOIL VAPOR SAMPLE LOCATIONS

APPENDIX A

Alameda County Boring Permit

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 05/01/2007 By jamesy

Permit Numbers: W2007-0564
Permits Valid from 05/07/2007 to 05/11/2007

Application Id: 1177491534307
Site Location: 1409- 1417 12TH STREET

City of Project Site:Oakland

Project Start Date: SOUTHWEST CORNER OF 12TH ST. & MANDELA PARKWAY
05/07/2007

Completion Date:05/11/2007

Applicant: IMPACT ENVIRONMENTAL SERVICES -

Phone: 510-703-5420

JOSEPH COTTON
39120 ARGONAUT WAY, SUITE 223, FREMONT, CA 94538
SHIRLEY THOMPSON
1155 HOPKINS STREET, BERKELEY, CA 94702

Property Owner:

Phone: 510-527-5702

Client: ** same as Property Owner **

Contact: Joseph Cotton

Phone: 510-703-5420
Cell: 510-791-0271

Receipt Number: WR2007-0191 Total Due: \$200.00
Payer Name : Joseph A. Cotton Total Amount Paid: \$200.00
Paid By: MC PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 10 Boreholes
Driller: Environmental Control Associates - Lic #: 695970 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0564	05/01/2007	08/05/2007	10	2.50 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the

Alameda County Public Works Agency - Water Resources Well Permit

permits and requirements have been approved or obtained.

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

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

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

APPENDIX B

Boring Logs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/07/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SP	3- 20' SAND (SP): Moderate yellowish-brown to moderate reddish- brown; moist; fine to medium sand. Trace fines.
						5		
B-6: 5'		0			No	6		
					No	7		
		0			No	8		
		0			No	9		
B-6: 10'		0			No	10		
					No	11		
		0			No	12		
					No	13		
					No	14		
B-6: 15'		0			No	15		
					No	16		
					No	17		
					No	18		
					No	19		
B-6: 20'		0			No	20		

▽ Groundwater first encountered at 13' bgs

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/07/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SP	3- 20' SAND (SP): Moderate yellowish-brown to moderate reddish- brown; moist; fine to medium sand. Trace fines.
						5		
B-7: 5'		0			No	6		
					No	7		
		0			No	8		
		0			No	9		
B-7: 10'		0			No	10		
					No	11		
		0			No	12		
						13		
						14		
B-7: 15'		0			No	15		
					No	16		
					No	17		
					No	18		
					No	19		
B-7: 20'		0			No	20		

▽ Groundwater first encountered at 13' bgs

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/07/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor/Staining	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SM	3- 20' SILTY SAND (SM): Moderate yellowish-brown to moderate reddish-brown; moist; fine to medium sand, 10 - 20% non-plastic fines. ~7- 18' Moderate to strong hydrocarbon odor and olive-green to gray stained soil. ~11- 13' : Free product in soil. Strong hydrocarbon odor. ▽ Groundwater first encountered at 13' bgs
						5		
B-9: 5'		10			No	6		
					Yes	7		
					Yes	8		
		94				9		
					Yes	10		
B-9: 12'						11		
					Yes	12		
						13		
					Yes	14		
						15		
					Yes	16		
						17		
					Yes	18		
						19		
B-9: 20'		35			No	20		

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/09/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor/Staining	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SM to SP	3- 20' SILTY-SAND to SAND (SM to SP): Moderate yellowish-brown to moderate reddish- brown; moist; fine to medium sand. Trace to 20% non-plastic fines.
						5		
B-10: 5'		0			No	6		
					No	7		
					No	8		
					No	9		
		0			No	10		
B-10: 10'		0			No	11		
					No	12		
					No	13		
					No	14		
B-10: 15'					No	15		
					No	16		
					No	17		
					No	18		
					No	19		
B-10: 20'		0			No	20		

▽ Groundwater first encountered at 13' bgs

~19' Color change to moderate yellowish brown.

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/07/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SM	3- 20' SILTY SAND (SM): Moderate yellowish-brown to moderate reddish-brown; moist; fine to medium sand, 10- 20% non-plastic fines
						5		
B-11: 5'		0			No	6		
					No	7		
		0			No	8		
		0			No	9		
B-11: 10'		0			No	10		
					No	11		
		0			No	12		
						13		
						14		
B-11: 15'		0			No	15		
					No	16		
					No	17		
					No	18		
					No	19		
B-11: 20'		0			No	20		

▽ Groundwater first encountered at 13' bgs

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/09/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SM	3- 20' SILTY SAND (SM): Moderate yellowish-brown to moderate reddish-brown; moist; fine to medium sand, 10- 20% non-plastic fines
						5		
B-12: 5'		0			No	6		
					No	7		
		0			No	8		
		0			No	9		
B-12: 10'		0			No	10		
					No	11		
		0			No	12		
						13		
						14		
B-12: 15'		0			No	15		
					No	16		
					No	17		
					No	18		
B-12: 20'					No	19		
		0				20		

▽ Groundwater first encountered at 13' bgs

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/09/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SP	3- 20' SAND (SP): Moderate yellowish-brown to moderate reddish- brown; moist; fine to medium sand. Trace fines. 6- 10' : Very soft soil.
						5		
B-13: 5'		0			No	6		
						7		
					No	8		
		0			No	9		
		0				10		
B-13: 10'					No	11		
		0				12		
					No	13		
		0				14		
B-13: 15'					No	15		
		0				16		
					No	17		
						18		
					No	19		
B-13: 20'		0				20		

▽ Groundwater first encountered at 13' bgs

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/07/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SP	3- 20' SAND (SP): Moderate yellowish-brown to moderate reddish- brown; moist; fine to medium sand. Trace fines.
						5		
B-14: 5'		0			No	6		
					No	7		
		0			No	8		
		0			No	9		
B-14: 10'		0			No	10		
					No	11		
		0			No	12		
					No	13		
B-14: 15'		0			No	14		
					No	15		
					No	16		
					No	17		
					No	18		
B-14: 20'					No	19		
		0			No	20		

▽ Groundwater first encountered at ~11.5' bgs

Total Depth of Boring= 20 feet bgs

Site: **1409- 1417 12th ST. , OAKLAND, CA**
 Client: **MRS. SHIRLEY E. THOMPSON**
 Project Number: _____
 Date(s) Drilled: **05/07/07**
 Date(s) Installed: **NA**
 Drilling Co./Driller: **ENVIRONMENTAL CONTROL ASSOCIATES**

Ground Elevation: _____
 T.O.C. Elevation: _____
 Coordinates: _____
 Drilling Method: **Direct Push-EnviroCore**
 Borehole Total Depth: **20**
 Final Borehole Diameter: **2.5"**

Drilling Summary: Direct push and vibrate boring to 20 feet bgs. Collect continuous cores in butyrate liners for logging. Cut 1' length cores selected for laboratory analysis and use teflon liners and end caps to seal sample. Place sample in plastic zip-lock bag. Collect groundwater grab sample using disposable bailers. Backfill soil boring using neat cement grout.

Sample No.	Sample Interval	PID Reading	Recovery	Sampler	Odor	Depth (ft)	Graphic Log	LITHOLOGY/REMARKS
						1	CL	0- 3' (FILL) SANDY CLAY: Dark yellowish-brown, moist; non-plastic to low plasticity, 15-25% fine to medium sand.
		0			No	2		
		0			No	3		
						4	SP	3- 20' SAND (SP): Moderate yellowish-brown to moderate reddish- brown; moist; fine to medium sand. Trace fines.
						5		
B-15: 5'		0			No	6		
					No	7		
		0				8		
					Yes	9		
B-15: 10'		0				10		
					No	11		
		0				12		
					No	13		
B-15: 15'		0				14		
					No	15		
		0				16		
					No	17		
						18		
B-15: 20'					No	19		
		0				20		

Groundwater first encountered at ~11' bgs

Total Depth of Boring= 20 feet bgs

APPENDIX C

Certified Laboratory Analytical Report

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Joseph Cotton

Impact Environmental Services

39120 Argonaut Way #223

Fremont, CA 94538

Lab Certificate Number: 55329

Issued: 05/15/2007

Global ID: T0600158621

Project Name: Thompson Property

Project Location: 1409-1417 12th St, Oakland, CA

Certificate of Analysis - Final Report

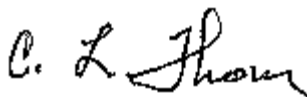
On May 08, 2007, samples were received under chain of custody for analysis.

Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test / Comments</u>
Liquid	TPH-Extractable: EPA 3510C / EPA 8015B(M) TPH-Purgeable: GC/MS VOCs: EPA 8260B
Solid	Electronic Deliverables for Geotracker TPH-Extractable: EPA 3545A / EPA 8015B(M) TPH-Purgeable: GC/MS VOCs: EPA 8260B

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,



C. L. Thom
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-001 Sample ID: B-6:5 Matrix: Solid Sample Date: 5/7/2007 12:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.3	60 - 130
Dibromofluoromethane	94.3	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.9	60 - 130
Dibromofluoromethane	99.1	60 - 130
Toluene-d8	99.0	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	78.6	50 - 150

Analyzed by: NBocalan

Reviewed by: ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-002

Sample ID: B-6:10

Matrix: Solid

Sample Date: 5/7/2007

12:10 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.4	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.5	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	100	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	87.3	50 - 150

Analyzed by: NBocalan

Reviewed by: ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-003

Sample ID: B-6:15

Matrix: Solid

Sample Date: 5/7/2007

12:25 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.2	60 - 130
Dibromofluoromethane	96.1	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.3	60 - 130
Dibromofluoromethane	100	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	82.8	50 - 150

Analyzed by: NBocalan

Reviewed by: ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-004 Sample ID: B-6:20 Matrix: Solid Sample Date: 5/7/2007 12:35 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.7	60 - 130
Dibromofluoromethane	97.6	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.5	60 - 130
Dibromofluoromethane	104	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	81.8	50 - 150

Analyzed by: NBocalan

Reviewed by: ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

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Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab # : 55329-005 Sample ID: B-7:5 Matrix: Solid Sample Date: 5/7/2007 1:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.7	60 - 130
Dibromofluoromethane	99.6	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.8	60 - 130
Dibromofluoromethane	104	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	84.6	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

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Project Location: 1409-1417 12th St, Oakland, CA
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Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-006

Sample ID: B-7:10

Matrix: Solid

Sample Date: 5/7/2007

1:15 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.6	60 - 130
Dibromofluoromethane	95.3	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.4	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	79.5	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

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Project Location: 1409-1417 12th St, Oakland, CA
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Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-007

Sample ID: B-7:15

Matrix: Solid

Sample Date: 5/7/2007

1:30 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.6	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	100	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.3	60 - 130
Dibromofluoromethane	104	60 - 130
Toluene-d8	98.6	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	80.6	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-008

Sample ID: B-7:20

Matrix: Solid

Sample Date: 5/7/2007

1:45 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.2	60 - 130
Dibromofluoromethane	98.8	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.2	60 - 130
Dibromofluoromethane	105	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	80.4	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

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Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-009 Sample ID: B-11:5 Matrix: Solid Sample Date: 5/7/2007 2:20 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.0	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.8	60 - 130
Dibromofluoromethane	104	60 - 130
Toluene-d8	100	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	85.1	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-010 Sample ID: B-11:10 Matrix: Solid Sample Date: 5/7/2007 2:30 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.6	60 - 130
Dibromofluoromethane	98.6	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.6	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	83.4	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-011

Sample ID: B-11:15

Matrix: Solid

Sample Date: 5/7/2007

2:40 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.3	60 - 130
Dibromofluoromethane	98.0	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.9	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	78.6	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-012

Sample ID: B-11:20

Matrix: Solid

Sample Date: 5/7/2007

2:50 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.7	60 - 130
Dibromofluoromethane	95.6	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/9/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.1	60 - 130
Dibromofluoromethane	99.4	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	79.0	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab # : 55329-013 Sample ID: B-14:5 Matrix: Solid Sample Date: 5/7/2007 9:45 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.3	60 - 130
Dibromofluoromethane	97.7	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.4	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	99.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	82.0	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
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Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-014

Sample ID: B-14:10

Matrix: Solid

Sample Date: 5/7/2007

10:00 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93.7	60 - 130
Dibromofluoromethane	94.6	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.6	60 - 130
Dibromofluoromethane	97.7	60 - 130
Toluene-d8	100	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	82.2	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-015

Sample ID: B-14:15

Matrix: Solid

Sample Date: 5/7/2007

10:10 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.3	60 - 130
Dibromofluoromethane	99.6	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.7	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	78.4	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab #: 55329-016 Sample ID: B-14:20 Matrix: Solid Sample Date: 5/7/2007 10:20 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.8	60 - 130
Dibromofluoromethane	97.2	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070509E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.6	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

14 mg/Kg Hydrocarbon (C20-C38).

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	76.9	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab # : 55329-017 Sample ID: B-15:5 Matrix: Solid Sample Date: 5/7/2007 10:45 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.0	60 - 130
Dibromofluoromethane	96.1	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.6	60 - 130
Dibromofluoromethane	99.9	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510A	5/11/2007	SD070510A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	82.1	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
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Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-018

Sample ID: B-15:10

Matrix: Solid

Sample Date: 5/7/2007

10:59 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.1	60 - 130
Dibromofluoromethane	99.4	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.8	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	95.7	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

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Project Location: 1409-1417 12th St, Oakland, CA
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Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-019

Sample ID: B-15:15

Matrix: Solid

Sample Date: 5/7/2007

11:20 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.2	60 - 130
Dibromofluoromethane	96.2	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.8	60 - 130
Dibromofluoromethane	100	60 - 130
Toluene-d8	99.7	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	97.0	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

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Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-020 Sample ID: B-15:20 Matrix: Solid Sample Date: 5/7/2007 11:40 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.8	60 - 130
Dibromofluoromethane	100	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.6	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	84.9	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

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Project Location: 1409-1417 12th St, Oakland, CA
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Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab # : 55329-021 Sample ID: B-9:5 Matrix: Solid Sample Date: 5/7/2007 3:30 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.6	60 - 130
Dibromofluoromethane	94.8	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/10/2007	SM3E070510E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.4	60 - 130
Dibromofluoromethane	99.4	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	78.0	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-022 Sample ID: B-9:10 Matrix: Solid Sample Date: 5/7/2007 3:45 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Toluene	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Ethyl Benzene	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Xylenes, Total	88000		5000	50000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Methyl-t-butyl Ether	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
tert-Butyl Ethyl Ether	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
tert-Butanol (TBA)	ND		5000	200000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Diisopropyl Ether	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
tert-Amyl Methyl Ether	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
1,2-Dichloroethane	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
1,2-Dibromoethane (EDB)	ND		5000	25000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	99.3	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	460000		5000	500000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	105	60 - 130
Toluene-d8	99.6	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		10	50	mg/Kg	5/10/2007	SD070510B	5/15/2007	SD070510B
TPH as Motor Oil	ND		10	100	mg/Kg	5/10/2007	SD070510B	5/15/2007	SD070510B

1100 mg/Kg Hydrocarbon (C9-C19).

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	85.1	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

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Samples Received: 05/08/2007
Sample Collected by: Client

Lab # : 55329-023 Sample ID: B-9:12 Matrix: Solid Sample Date: 5/7/2007 4:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
Toluene	210000		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
Ethyl Benzene	220000		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
Xylenes, Total	1300000		10000	100000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
Methyl-t-butyl Ether	ND		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
tert-Butyl Ethyl Ether	ND		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
tert-Butanol (TBA)	ND		10000	400000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
Diisopropyl Ether	ND		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
tert-Amyl Methyl Ether	ND		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
1,2-Dichloroethane	ND		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P
1,2-Dibromoethane (EDB)	ND		10000	50000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	60 - 130
Dibromofluoromethane	96.6	60 - 130
Toluene-d8	98.3	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	2000000		10000	1000000	µg/Kg	5/10/2007	PM070510P	5/14/2007	PM070510P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	107	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	96.7	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		20	100	mg/Kg	5/10/2007	SD070510B	5/15/2007	SD070510B
TPH as Motor Oil	ND		20	200	mg/Kg	5/10/2007	SD070510B	5/15/2007	SD070510B

1400 mg/Kg Hydrocarbon (C9-C19).

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	102	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
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Samples Received: 05/08/2007
Sample Collected by: Client

Lab # : 55329-024 Sample ID: B-9:20 Matrix: Solid Sample Date: 5/7/2007 4:20 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	830		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Toluene	320		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Ethyl Benzene	440		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Xylenes, Total	1600		50	500	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Methyl-t-butyl Ether	ND		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
tert-Butyl Ethyl Ether	ND		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
tert-Butanol (TBA)	ND		50	2000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
Diisopropyl Ether	ND		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
tert-Amyl Methyl Ether	ND		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
1,2-Dichloroethane	ND		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P
1,2-Dibromoethane (EDB)	ND		50	250	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.7	60 - 130
Dibromofluoromethane	95.7	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	32000		50	5000	µg/Kg	5/10/2007	PM070510P	5/11/2007	PM070510P

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.5	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	99.5	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/10/2007	SD070510B	5/11/2007	SD070510B

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	81.5	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab # : 55329-025 Sample ID: B-6:GW Matrix: Liquid Sample Date: 5/7/2007 12:45 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.9	60 - 130
Dibromofluoromethane	97.7	60 - 130
Toluene-d8	90.7	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99.0	60 - 130
Dibromofluoromethane	104	60 - 130
Toluene-d8	95.6	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.3	66	µg/L	5/9/2007	WD070509A	5/11/2007	WD070509A
TPH as Motor Oil	150		1.3	130	µg/L	5/9/2007	WD070509A	5/11/2007	WD070509A

100 µg/L Hydrocarbon (C9-C26).

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	93.4	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab # : 55329-026

Sample ID: B-7:GW

Matrix: Liquid Sample Date: 5/7/2007 2:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.7	60 - 130
Dibromofluoromethane	99.0	60 - 130
Toluene-d8	88.7	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.7	60 - 130
Dibromofluoromethane	105	60 - 130
Toluene-d8	93.5	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	59		1.0	52	µg/L	5/9/2007	WD070509A	5/10/2007	WD070509A
TPH as Motor Oil	ND		1.0	100	µg/L	5/9/2007	WD070509A	5/10/2007	WD070509A
60 µg/L Hydrocarbon (C9-C12).									

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	91.4	50 - 150

Analyzed by: NBocalan

Reviewed by: ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab #: 55329-027 Sample ID: B-9:GW Matrix: Liquid Sample Date: 5/7/2007 4:45 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	8700		100	50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Toluene	2200		100	50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Ethyl Benzene	2000		100	50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Xylenes, Total	7200		100	50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Methyl-t-butyl Ether	ND		100	100	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butyl Ethyl Ether	ND		100	500	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butanol (TBA)	ND		100	1000	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Diisopropyl Ether	ND		100	500	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Amyl Methyl Ether	ND		100	500	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dichloroethane	570		100	50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dibromoethane (EDB)	ND		100	50	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.6	60 - 130
Dibromofluoromethane	96.4	60 - 130
Toluene-d8	90.9	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	52000		100	2500	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	95.8	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		24	1200	µg/L	5/9/2007	WD070509A	5/11/2007	WD070509A
TPH as Motor Oil	ND		24	2400	µg/L	5/9/2007	WD070509A	5/11/2007	WD070509A
25000 µg/L Hydrocarbon (C9-C16).									

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	87.1	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007

Sample Collected by: Client

Lab #: 55329-028

Sample ID: B-11:GW

Matrix: Liquid

Sample Date: 5/7/2007

3:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.4	60 - 130
Dibromofluoromethane	94.3	60 - 130
Toluene-d8	91.0	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	60 - 130
Dibromofluoromethane	100	60 - 130
Toluene-d8	95.9	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.1	56	µg/L	5/9/2007	WD070509A	5/10/2007	WD070509A
TPH as Motor Oil	ND		1.1	110	µg/L	5/9/2007	WD070509A	5/10/2007	WD070509A

70 µg/L Hydrocarbon (C9-C30).

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	102	50 - 150

Analyzed by: NBocalan

Reviewed by: ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/08/2007
Sample Collected by: Client

Lab #: 55329-029 Sample ID: B-15:GW Matrix: Liquid Sample Date: 5/7/2007 11:50 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/9/2007	WM2C070509C
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.4	60 - 130
Dibromofluoromethane	99.8	60 - 130
Toluene-d8	90.9	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/9/2007	WM2C070509C

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	60 - 130
Dibromofluoromethane	106	60 - 130
Toluene-d8	95.8	60 - 130

Analyzed by: TAF

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.2	62	µg/L	5/9/2007	WD070509A	5/10/2007	WD070509A
TPH as Motor Oil	ND		1.2	120	µg/L	5/9/2007	WD070509A	5/10/2007	WD070509A

100 µg/L Hydrocarbon (C9-C30).

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	102	50 - 150

Analyzed by: NBocalan

Reviewed by: ECunniffe

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - VOCs: EPA 8260B

QC/Prep Batch ID: PM070510P

Validated by: MaiChiTu - 05/11/07

QC/Prep Date: 5/10/2007

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	50	250	µg/Kg
1,2-Dichloroethane	ND	50	250	µg/Kg
Benzene	ND	50	250	µg/Kg
Diisopropyl Ether	ND	50	250	µg/Kg
Ethyl Benzene	ND	50	250	µg/Kg
Methyl-t-butyl Ether	ND	50	250	µg/Kg
tert-Amyl Methyl Ether	ND	50	250	µg/Kg
tert-Butanol (TBA)	ND	50	2000	µg/Kg
tert-Butyl Ethyl Ether	ND	50	250	µg/Kg
Toluene	ND	50	250	µg/Kg
Xylenes, Total	ND	50	500	µg/Kg
Surrogate for Blank	% Recovery	Control Limits		
4-Bromofluorobenzene	98.1	60 - 130		
Dibromofluoromethane	94.5	60 - 130		
Toluene-d8	104	60 - 130		

Method Blank - Solid - TPH-Purgeable: GC/MS

QC/Prep Batch ID: PM070510P

Validated by: MaiChiTu - 05/11/07

QC/Prep Date: 5/10/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	50	5000	µg/Kg
Surrogate for Blank	% Recovery	Control Limits		
4-Bromofluorobenzene	99.1	60 - 130		
Dibromofluoromethane	101	60 - 130		
Toluene-d8	102	60 - 130		

Entech Analytical Labs, Inc.

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LCS / LCSD - Solid - VOCs: EPA 8260B

QC Batch ID: PM070510P

Reviewed by: MaiChiTu - 05/11/07

QC/Prep Date: 5/10/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2400	µg/Kg	120	70 - 135
Benzene	<5.0	2000	2300	µg/Kg	115	70 - 135
Chlorobenzene	<5.0	2000	2320	µg/Kg	116	70 - 135
Methyl-t-butyl Ether	<5.0	2000	2030	µg/Kg	102	70 - 135
Toluene	<5.0	2000	2450	µg/Kg	122	70 - 135
Trichloroethene	<5.0	2000	2280	µg/Kg	114	70 - 135

Surrogate

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	91.5	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	91.4	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	2000	2360	µg/Kg	118	1.68	30.0	70 - 135
Benzene	<5.0	2000	2310	µg/Kg	116	0.434	30.0	70 - 135
Chlorobenzene	<5.0	2000	2290	µg/Kg	114	1.30	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	2000	1940	µg/Kg	97.0	4.53	30.0	70 - 135
Toluene	<5.0	2000	2470	µg/Kg	124	0.813	30.0	70 - 135
Trichloroethene	<5.0	2000	2200	µg/Kg	110	3.57	30.0	70 - 135

Surrogate

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	93.2	60 - 130
Dibromofluoromethane	96.5	60 - 130
Toluene-d8	91.0	60 - 130

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3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - VOCs: EPA 8260B

QC Batch ID: SM3E070509E

Validated by: MaiChiTu - 05/10/07

QC Batch Analysis Date: 5/9/2007

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	5.0	µg/Kg
1,2-Dichloroethane	ND	1	5.0	µg/Kg
Benzene	ND	1	5.0	µg/Kg
Diisopropyl Ether	ND	1	5.0	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
tert-Amyl Methyl Ether	ND	1	5.0	µg/Kg
tert-Butanol (TBA)	ND	1	40	µg/Kg
tert-Butyl Ethyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	98.2	60 - 130
Dibromofluoromethane	98.8	60 - 130
Toluene-d8	100	60 - 130

Method Blank - Solid - TPH-Purgeable: GC/MS

QC Batch ID: SM3E070509E

Validated by: MaiChiTu - 05/10/07

QC Batch Analysis Date: 5/9/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	100	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	98.3	60 - 130
Dibromofluoromethane	105	60 - 130
Toluene-d8	98.0	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Solid - VOCs: EPA 8260B

QC Batch ID: SM3E070509E

Reviewed by: MaiChiTu - 05/10/07

QC Batch ID Analysis Date: 5/9/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	41.4	µg/Kg	104	70 - 135
Benzene	<5.0	40	40.0	µg/Kg	100	70 - 135
Chlorobenzene	<5.0	40	44.9	µg/Kg	112	70 - 135
Methyl-t-butyl Ether	<5.0	40	41.3	µg/Kg	103	70 - 135
Toluene	<5.0	40	46.3	µg/Kg	116	70 - 135
Trichloroethene	<5.0	40	38.7	µg/Kg	96.8	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	101	60 - 130
Dibromofluoromethane	97.7	60 - 130
Toluene-d8	101	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	47.6	µg/Kg	119	13.9	30.0	70 - 135
Benzene	<5.0	40	44.4	µg/Kg	111	10.4	30.0	70 - 135
Chlorobenzene	<5.0	40	45.3	µg/Kg	113	0.887	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	40.4	µg/Kg	101	2.20	30.0	70 - 135
Toluene	<5.0	40	48.6	µg/Kg	122	4.85	30.0	70 - 135
Trichloroethene	<5.0	40	45.6	µg/Kg	114	16.4	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	96.0	60 - 130
Dibromofluoromethane	99.3	60 - 130
Toluene-d8	93.2	60 - 130

LCS / LCSD - Solid - TPH-Purgeable: GC/MS

QC Batch ID: SM3E070509E

Reviewed by: MaiChiTu - 05/10/07

QC Batch ID Analysis Date: 5/9/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<100	250	255	µg/kg	102	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	98.1	60 - 130
Dibromofluoromethane	99.1	60 - 130
Toluene-d8	101	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<100	250	239	µg/kg	95.6	6.48	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	98.4	60 - 130
Dibromofluoromethane	98.2	60 - 130
Toluene-d8	102	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - VOCs: EPA 8260B

QC Batch ID: SM3E070510E

Validated by: MaiChiTu - 05/11/07

QC Batch Analysis Date: 5/10/2007

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	5.0	µg/Kg
1,2-Dichloroethane	ND	1	5.0	µg/Kg
Benzene	ND	1	5.0	µg/Kg
Diisopropyl Ether	ND	1	5.0	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
tert-Amyl Methyl Ether	ND	1	5.0	µg/Kg
tert-Butanol (TBA)	ND	1	40	µg/Kg
tert-Butyl Ethyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	99.2	60 - 130
Dibromofluoromethane	98.7	60 - 130
Toluene-d8	102	60 - 130

Method Blank - Solid - TPH-Purgeable: GC/MS

QC Batch ID: SM3E070510E

Validated by: MaiChiTu - 05/11/07

QC Batch Analysis Date: 5/10/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	100	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	100	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	101	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Solid - VOCs: EPA 8260B

QC Batch ID: SM3E070510E

Reviewed by: MaiChiTu - 05/11/07

QC Batch ID Analysis Date: 5/10/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	45.5	µg/Kg	114	70 - 135
Benzene	<5.0	40	41.1	µg/Kg	103	70 - 135
Chlorobenzene	<5.0	40	44.4	µg/Kg	111	70 - 135
Methyl-t-butyl Ether	<5.0	40	38.4	µg/Kg	96.0	70 - 135
Toluene	<5.0	40	45.6	µg/Kg	114	70 - 135
Trichloroethene	<5.0	40	41.5	µg/Kg	104	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	103	60 - 130
Dibromofluoromethane	99.9	60 - 130
Toluene-d8	95.9	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	43.5	µg/Kg	109	4.49	30.0	70 - 135
Benzene	<5.0	40	41.5	µg/Kg	104	0.969	30.0	70 - 135
Chlorobenzene	<5.0	40	42.9	µg/Kg	107	3.44	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	37.4	µg/Kg	93.5	2.64	30.0	70 - 135
Toluene	<5.0	40	46.0	µg/Kg	115	0.873	30.0	70 - 135
Trichloroethene	<5.0	40	40.3	µg/Kg	101	2.93	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	101	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	95.3	60 - 130

LCS / LCSD - Solid - TPH-Purgeable: GC/MS

QC Batch ID: SM3E070510E

Reviewed by: MaiChiTu - 05/11/07

QC Batch ID Analysis Date: 5/10/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<100	250	244	µg/kg	97.6	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	99.5	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	100	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<100	250	258	µg/kg	103	5.58	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	98.9	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	101	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

MS / MSD - Solid - VOCs: EPA 8260B

QC Batch ID: SM3E070510E

Reviewed by: MaiChiTu - 05/11/07

QC Batch ID Analysis Date: 5/10/2007

MS Sample Spiked: 55329-021

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	40	41.8	µg/Kg	5/10/2007	104	65 - 135
Methyl-t-butyl Ether	ND	40	34.6	µg/Kg	5/10/2007	86.5	65 - 135
Toluene	ND	40	47.7	µg/Kg	5/10/2007	119	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	98.2	60 - 130
Dibromofluoromethane	98.5	60 - 130
Toluene-d8	94.0	60 - 130

MSD Sample Spiked: 55329-021

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	40	42.8	µg/Kg	5/10/2007	107	2.36	30.0	65 - 135
Methyl-t-butyl Ether	ND	40	35.8	µg/Kg	5/10/2007	89.5	3.41	30.0	65 - 135
Toluene	ND	40	48.7	µg/Kg	5/10/2007	122	2.07	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	97.3	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - VOCs: EPA 8260B

QC Batch ID: WM2C070509C

Validated by: MaiChiTu - 05/10/07

QC Batch Analysis Date: 5/9/2007

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
Benzene	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	97.6	60 - 130
Dibromofluoromethane	95.0	60 - 130
Toluene-d8	92.6	60 - 130

Method Blank - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WM2C070509C

Validated by: MaiChiTu - 05/10/07

QC Batch Analysis Date: 5/9/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	101	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	97.6	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Liquid - VOCs: EPA 8260B

QC Batch ID: WM2C070509C

Reviewed by: MaiChiTu - 05/10/07

QC Batch ID Analysis Date: 5/9/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.9	µg/L	104	70 - 130
Benzene	<0.50	20	22.2	µg/L	111	70 - 130
Chlorobenzene	<0.50	20	21.6	µg/L	108	70 - 130
Methyl-t-butyl Ether	<1.0	20	21.6	µg/L	108	70 - 130
Toluene	<0.50	20	20.7	µg/L	104	70 - 130
Trichloroethene	<0.50	20	22.8	µg/L	114	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	96.3	60 - 130
Dibromofluoromethane	92.7	60 - 130
Toluene-d8	90.2	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	20.6	µg/L	103	1.45	25.0	70 - 130
Benzene	<0.50	20	22.4	µg/L	112	0.897	25.0	70 - 130
Chlorobenzene	<0.50	20	21.6	µg/L	108	0.00	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	21.6	µg/L	108	0.00	25.0	70 - 130
Toluene	<0.50	20	21.5	µg/L	108	3.79	25.0	70 - 130
Trichloroethene	<0.50	20	23.0	µg/L	115	0.873	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	97.1	60 - 130
Dibromofluoromethane	92.4	60 - 130
Toluene-d8	88.9	60 - 130

LCS / LCSD - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WM2C070509C

Reviewed by: MaiChiTu - 05/10/07

QC Batch ID Analysis Date: 5/9/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	250	257	µg/L	103	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	98.1	60 - 130
Toluene-d8	98.0	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	250	284	µg/L	114	9.98	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	103	60 - 130
Dibromofluoromethane	106	60 - 130
Toluene-d8	98.5	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC/Prep Batch ID: SD070510A

Validated by: ECunniffe - 05/11/07

QC/Prep Date: 5/10/2007

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	5.0	mg/Kg
TPH as Motor Oil	ND	1	10	mg/Kg
Surrogate for Blank	% Recovery	Control Limits		
n-Hexacosane	97.8	50 - 150		

LCS / LCSD - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC Batch ID: SD070510A

Reviewed by: ECunniffe - 05/11/07

QC/Prep Date: 5/10/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<5.0	100	83.2	mg/Kg	83.2	45 - 140
TPH as Motor Oil	<10	100	81.4	mg/Kg	81.4	45 - 140
Surrogate	% Recovery	Control Limits				
n-Hexacosane	79.0	50 - 150				

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<5.0	100	68.8	mg/Kg	68.8	19.0	30.0	45 - 140
TPH as Motor Oil	<10	100	71.9	mg/Kg	71.9	12.4	30.0	45 - 140
Surrogate	% Recovery	Control Limits						
n-Hexacosane	65.1	50 - 150						

MS / MSD - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC/Prep Batch ID: SD070510A

Reviewed by: ELing - 05/15/07

QC/Prep Date: 5/10/2007

MS Sample Spiked: 55329-006

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
TPH as Diesel	ND	100	84.4	mg/Kg	5/10/2007	84.4	45 - 140
TPH as Motor Oil	ND	100	82.0	mg/Kg	5/10/2007	82.0	45 - 140
Surrogate	% Recovery	Control Limits					
n-Hexacosane	81.8	50 - 150					

MSD Sample Spiked: 55329-006

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	ND	100	82.4	mg/Kg	5/10/2007	82.4	2.45	30.0	45 - 140
TPH as Motor Oil	ND	100	83.4	mg/Kg	5/10/2007	83.4	1.72	30.0	45 - 140
Surrogate	% Recovery	Control Limits							
n-Hexacosane	80.5	50 - 150							

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC/Prep Batch ID: SD070510B

Validated by: ELing - 05/15/07

QC/Prep Date: 5/10/2007

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	5.0	mg/Kg
TPH as Motor Oil	ND	1	10	mg/Kg
Surrogate for Blank	% Recovery	Control Limits		
n-Hexacosane	103	50 - 150		

LCS / LCSD - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC Batch ID: SD070510B

Reviewed by: ELing - 05/15/07

QC/Prep Date: 5/10/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<5.0	100	99.6	mg/Kg	99.6	45 - 140
TPH as Motor Oil	<10	100	96.6	mg/Kg	96.6	45 - 140
Surrogate	% Recovery	Control Limits				
n-Hexacosane	90.1	50 - 150				

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<5.0	100	100	mg/Kg	100	0.511	30.0	45 - 140
TPH as Motor Oil	<10	100	102	mg/Kg	102	5.28	30.0	45 - 140
Surrogate	% Recovery	Control Limits						
n-Hexacosane	88.4	50 - 150						

MS / MSD - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC/Prep Batch ID: SD070510B

Reviewed by: ELing - 05/15/07

QC/Prep Date: 5/10/2007

MS Sample Spiked: 55329-020

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
TPH as Diesel	ND	100	85.9	mg/Kg	5/11/2007	85.9	45 - 140
TPH as Motor Oil	ND	100	86.6	mg/Kg	5/11/2007	86.6	45 - 140
Surrogate	% Recovery	Control Limits					
n-Hexacosane	78.7	50 - 150					

MSD Sample Spiked: 55329-020

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	ND	100	96.1	mg/Kg	5/11/2007	96.1	11.2	30.0	45 - 140
TPH as Motor Oil	ND	100	94.6	mg/Kg	5/11/2007	94.6	8.79	30.0	45 - 140
Surrogate	% Recovery	Control Limits							
n-Hexacosane	81.4	50 - 150							

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC/Prep Batch ID: WD070509A

Validated by: ECunniffe - 05/11/07

QC/Prep Date: 5/9/2007

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	50	µg/L
TPH as Motor Oil	ND	1	100	µg/L
Surrogate for Blank	% Recovery	Control Limits		
n-Hexacosane	86.1	50 - 150		

LCS / LCSD - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC Batch ID: WD070509A

Reviewed by: ECunniffe - 05/11/07

QC/Prep Date: 5/9/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	858	µg/L	85.8	40 - 138
TPH as Motor Oil	<100	1000	964	µg/L	96.4	40 - 138
Surrogate	% Recovery	Control Limits				
n-Hexacosane	87.7	50 - 150				

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	941	µg/L	94.1	9.27	25.0	40 - 138
TPH as Motor Oil	<100	1000	1020	µg/L	102	5.81	25.0	40 - 138
Surrogate	% Recovery	Control Limits						
n-Hexacosane	86.0	50 - 150						

Entech Analytical Labs, Inc. Chain of Custody / Analysis Request

3334 Victor Court (408) 588-0200
 Santa Clara, CA 95054 (408) 588-0201 - Fax

ELAP No. 2346

Attention to: JOSEPH COTTON	Phone No.: (510) 703-5420	Purchase Order No.:	Invoice to: (If Different) SAME	Phone: _____
Company Name: IMPACT ENVIRONMENTAL	Fax No.:	Project No. / Name: 1409-1417 12th St. OAKLAND, CA THOMPSON PROPERTY	Company:	
Mailing Address: #223 39120 ARGONAUT WAY	Email Address: JAC21462@aol.com	Project Location: 1409-1417 12th St. OAKLAND, CA	Billing Address: (If Different)	
City: FREMONT	State: CA Zip Code: 94538	City: _____	State: _____	Zip: _____

Entech Order ID: 55329	Turn Around Time	Circle Applicable
EDF Global ID: TO600158621	<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> 4 Day <input checked="" type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day	

Sample Information		No. of Containers	EPA 8260B Full List	8260 Petroleum List includes: Gas, BTEX, MMBE, EDB, TBA, TAME, DPE, 1,2-DCA, EDB	EPA 8270 Full List	EPA 8270C Base/Neutral/Acid Organics PAHs Only	Pesticides-8081	TPH Extractable w/ Sol-Cel Cleanup	TPH Gas, BTEX, MMBE by EPA 8015/8021B	PCBs - 8082	Motor Oil/Other	Metals - Circle Below Total Dissolved	STLC TCLP	Remarks Instructions
Sampler: JOSEPH COTTON														

Client ID	Field Point	Date	Time	Entech Lab. No.	Matrix	No. of Containers	EPA 8260B Full List	8260 Petroleum List includes: Gas, BTEX, MMBE, EDB, TBA, TAME, DPE, 1,2-DCA, EDB	EPA 8270 Full List	EPA 8270C Base/Neutral/Acid Organics PAHs Only	Pesticides-8081	TPH Extractable w/ Sol-Cel Cleanup	TPH Gas, BTEX, MMBE by EPA 8015/8021B	PCBs - 8082	Motor Oil/Other	Metals - Circle Below Total Dissolved	STLC TCLP	Remarks Instructions		
B-6:5'		5-7-7	12:00	001	S	1	X													
B-6:10'		}	12:10	002	S	1	X													
B-6:15'			12:25	003	S	1	X													
B-6:20'			12:35	004	S	1	X													
B-7:5'			1:00	005	S	1	X													
B-7:10'			1:15	006	S	1	X													
B-7:15'			1:30	007	S	1	X													
B-7:20'			1:45	008	S	1	X													
B-11:5'			2:20	009	S	1	X													
B-11:10'			2:30	010	S	1	X													
B-11:15'			2:40	011	S	1	X													
B-11:20'			5-7-7	2:50	012	S	1	X												

Relinquished by: _____	Received by: J. Machado	Date: 5/8/07	Time: 13:40	Lab Use: Email results to jac21462@aol.com
Relinquished by:	Received by:	Date:	Time:	
Relinquished by:	Received by:	Date:	Time:	Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Ti, Sn, Ti, Zn, V <input type="checkbox"/> Plating <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17

Lab Use: Samples: Iced Y/N Temperature: _____ Shipment Method: _____
 Appropriate Containers/Preservatives: Y/N Custody Seals? Y/N
 Labels match CoC? Y/N Headspace? Y/N Separate Receipt Log Y/N

Entech Analytical Labs, Inc. Chain of Custody / Analysis Request

3334 Victor Court (408) 588-0200
 Santa Clara, CA 95054 (408) 588-0201 - Fax

ELAP No. 2346

Attention to: Joseph Cotton	Phone No.: (510) 703-5420	Purchase Order No.:	Invoice to: (If Different)	Phone:
Company Name: IMPACT ENVIRONMENTAL	Fax No.: (510) 791-0271	Project No. / Name: 1409-1417 12th St OAKLAND, CA	Company:	
Mailing Address: 39120 ARGONAUT WAY, # 223	Email Address: JAC21462@aol.com	Billing Address: (If Different)		
City: FREMONT	State: CA Zip Code: 94538	Project Location: 1409-1417 12th St OAKLAND, CA	City:	State: Zip:

Entech Order ID: 55329	Turn Around Time	Circle Applicable
EDF Global ID: TD600158621	<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> 4 Day <input checked="" type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day	

Sample Information				Entech Lab. No.	Matrix	No. of Containers	Circle Applicable													Remarks Instructions
Client ID	Field Point	Date	Time				EPA 8260B Full List	8260 Petroleum List includes: Gas, BTEX, MMBE, EMBE, TBA, TAME, DPE, 1,2-DCA, EDB	EPA 8270 Base/Neutral Acid Organics w/ Si-Gel Cleanup	8270 Full List	PAHs Only	PAHs - SIM	Pesticides-8081	TPH Extractables (Diesel)	TPH Gas, BTEX, MMBE by EPA 8015/8021B	PCBs - 8082	Motor Oil Other	Metals - Circle Below	STLC	
B-14:5'		5-7-7	9:45	013	S	1	X	X	X	X	X	X	X	X	X	X	X	X		
B-14:10'		}	10:00	014	S	1	X	X	X	X	X	X	X	X	X	X	X	X		
B-14:15'			10:10	015	S	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
B-14:20'			10:20	016	S	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
B-15:5'			10:45	017	S	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
B-15:10'			10:59	018	S	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
B-15:15'			11:20	019	S	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
B-15:20'			11:40	020	S	1	X	X	X	X	X	X	X	X	X	X	X	X	X	
B-9:15'		5-7-7	3:30	021	S	1	X	X	X	X	X	X	X	X	X	X	X	X		
B-9:10'			3:45	022	S	1	X	X	X	X	X	X	X	X	X	X	X	X		
B-9:12'			4:00	023	S	1	X	X	X	X	X	X	X	X	X	X	X	X		
B-9:15'		5-7-7	4:10	023	S	1	X	X	X	X	X	X	X	X	X	X	X	X		

Relinquished by: <i>Joseph Cotton</i>	Received by: <i>[Signature]</i>	Date: 5/8/07	Time: 1340	Lab Use: Email results to jac21462@aol.com
Relinquished by:	Received by:	Date:	Time:	
Relinquished by:	Received by:	Date:	Time:	Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Tl, Sn, Ti, Zn, V <input type="checkbox"/> Plating <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17

Lab Use: Samples: Iced Y/N Temperature: _____ Shipment Method: _____
 Appropriate Containers/Preservatives: Y/N Custody Seals? Y/N
 Labels match CoC? Y/N Headspace? Y/N Separate Receipt Log Y/N

Entech Analytical Labs, Inc. Chain of Custody / Analysis Request

3334 Victor Court (408) 588-0200
 Santa Clara, CA 95054 (408) 588-0201 - Fax

ELAP No. 2346

Attention to: JOSEPH COTTON	Phone No.: (510) 703-5420	Purchase Order No.: _____	Invoice to: (If Different) _____	Phone: _____
Company Name: IMPACT ENVIRONMENTAL	Fax No.: (510) 791-0271	Project No. / Name: 1409-1417 12th St	Company: _____	
Mailing Address: 39120 ARGONAUT WAY, # 223	Email Address: JAC21462@aol.com	OAKLAND, CA, THOMPSON PROPERTY	Billing Address: (If Different) _____	
City: FREMONT	State: CA Zip Code: 94538	Project Location: 1409-1417 12th St	City: _____	State: _____ Zip: _____

Entech Order ID: 55329		Turn Around Time		Circle Applicable	No. of Containers	Matrix	Remarks Instructions
EDF <input checked="" type="checkbox"/>	Global ID: T0600158621	<input type="checkbox"/> Same Day	<input type="checkbox"/> 1 Day				
Sample Information		<input type="checkbox"/> 2 Day	<input type="checkbox"/> 3 Day	EPA 8260B Full List 8260 Petroleum: List includes: Gas BTEX, MBE, EBB, TBA, TAME, DPE, 1,2-DCP, EDB EPA 8270: Base/Neutral/Acid Organics 8270 Full List PAHs Only PAHs - SIM Pesticides-8081 PCBs - 8082 TPH Extractions: Diesel Motor Oil Other w/ Sol-Gel Cleanup TPH Gas, BTEX, MBE by EPA 8015/8021B Metals - Circle Below Total Dissolved STC TCLP			
<input type="checkbox"/> 4 Day	<input checked="" type="checkbox"/> 5 Day	<input type="checkbox"/> 10 Day					
Client ID	Field Point	Date	Time	Entech Lab. No.	Matrix	No. of Containers	Remarks Instructions
B-9:20		5-7-7	4:20	024	S	1	
B-6:GW		}	12:45	025	W	5	
B-7:GW			2:00	026	W	5	
B-9:GW			4:45	027	W	5	
B-11:GW			3:00	028	W	5	
B-14:GW					W		
B-15:GW		5-7-7	11:50	029	W	5	

Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date: 5/2/07	Time: 1340	Lab Use: Email results @ jac21462@aol.com
Relinquished by:	Received by:	Date:	Time:	
Relinquished by:	Received by:	Date:	Time:	Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Ti, Sn, Ti, Zn, V <input type="checkbox"/> Plating <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17

Lab Use: Samples: Iced Y/N Temperature: _____ Shipment Method: _____
 Appropriate Containers/Preservatives: Y/N Custody Seals? Y/N
 Labels match CoC? Y/N Headspace? Y/N Separate Receipt Log Y/N

If any N's, Explain:

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Joseph Cotton

Impact Environmental Services

39120 Argonaut Way #223

Fremont, CA 94538

Lab Certificate Number: 55379

Issued: 05/16/2007

Global ID: T0600158621

Project Name: Thompson Property

Project Location: 1409-1417 12th St, Oakland, CA

Certificate of Analysis - Final Report

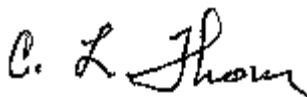
On May 10, 2007, samples were received under chain of custody for analysis.

Entech analyzes samples "as received" unless otherwise noted. The following results are included:

<u>Matrix</u>	<u>Test / Comments</u>
Liquid	TPH-Extractable: EPA 3510C / EPA 8015B(M) TPH-Purgeable: GC/MS VOCs: EPA 8260B
Solid	Electronic Deliverables for Geotracker TPH-Extractable: EPA 3545A / EPA 8015B(M) TPH-Purgeable: GC/MS VOCs: EPA 8260B

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,



C. L. Thom
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007
Sample Collected by: Client

Lab # : 55379-001 Sample ID: B-10:5 Matrix: Solid Sample Date: 5/9/2007 1:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.8	60 - 130
Dibromofluoromethane	97.0	60 - 130
Toluene-d8	106	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.3	60 - 130
Dibromofluoromethane	99.8	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		2.0	10	mg/Kg	5/11/2007	SD070511A	5/15/2007	SD070511A
TPH as Motor Oil	35		2.0	20	mg/Kg	5/11/2007	SD070511A	5/15/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	77.6	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-002

Sample ID: B-10:10

Matrix: Solid

Sample Date: 5/9/2007

1:15 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99.2	60 - 130
Dibromofluoromethane	99.6	60 - 130
Toluene-d8	108	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	99.8	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	106	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	73.9	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-003

Sample ID: B-10:15

Matrix: Solid

Sample Date: 5/9/2007

1:30 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.9	60 - 130
Dibromofluoromethane	97.0	60 - 130
Toluene-d8	105	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.5	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	77.3	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-004

Sample ID: B-10:20

Matrix: Solid

Sample Date: 5/9/2007

2:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.1	60 - 130
Dibromofluoromethane	98.1	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.3	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	74.0	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-005

Sample ID: B-10:GW

Matrix: Liquid Sample Date: 5/9/2007 2:30 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	110	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.9	60 - 130
Dibromofluoromethane	107	60 - 130
Toluene-d8	95.4	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		0.98	49	µg/L	5/11/2007	WD070511A	5/11/2007	WD070511A
TPH as Motor Oil	ND		0.98	98	µg/L	5/11/2007	WD070511A	5/11/2007	WD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	75.3	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab #: 55379-006

Sample ID: B-14:GW

Matrix: Liquid

Sample Date: 5/9/2007

3:00 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	107	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.5	60 - 130
Dibromofluoromethane	108	60 - 130
Toluene-d8	94.4	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	52	µg/L	5/11/2007	WD070511A	5/12/2007	WD070511A
TPH as Motor Oil	ND		1.0	100	µg/L	5/11/2007	WD070511A	5/12/2007	WD070511A

84 µg/L Hydrocarbon (C9-C36).

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	69.7	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-007 Sample ID: B-12:5 Matrix: Solid Sample Date: 5/9/2007 9:30 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.5	60 - 130
Dibromofluoromethane	94.1	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.0	60 - 130
Dibromofluoromethane	97.6	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	75.2	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-008

Sample ID: B-12:10

Matrix: Solid

Sample Date: 5/9/2007

9:45 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.9	60 - 130
Dibromofluoromethane	98.1	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.4	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	100	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	74.5	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-009

Sample ID: B-12:15

Matrix: Solid

Sample Date: 5/9/2007

10:00 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.0	60 - 130
Dibromofluoromethane	95.6	60 - 130
Toluene-d8	106	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.4	60 - 130
Dibromofluoromethane	99.9	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	46		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	76.9	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-010

Sample ID: B-12:20

Matrix: Solid

Sample Date: 5/9/2007

10:15 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.0	60 - 130
Dibromofluoromethane	95.6	60 - 130
Toluene-d8	105	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.9	60 - 130
Dibromofluoromethane	100	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	63.8	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-011

Sample ID: B-12:GW

Matrix: Liquid Sample Date: 5/9/2007 10:30 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	105	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.9	60 - 130
Dibromofluoromethane	108	60 - 130
Toluene-d8	97.7	60 - 130

Analyzed by: XBian

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	50	µg/L	5/11/2007	WD070511A	5/12/2007	WD070511A
TPH as Motor Oil	ND		1.0	100	µg/L	5/11/2007	WD070511A	5/12/2007	WD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	76.4	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-012 Sample ID: B-13:5 Matrix: Solid Sample Date: 5/9/2007 11:00 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.2	60 - 130
Dibromofluoromethane	96.6	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.3	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	67.2	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-013

Sample ID: B-13:10

Matrix: Solid

Sample Date: 5/9/2007

11:30 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.0	60 - 130
Dibromofluoromethane	98.1	60 - 130
Toluene-d8	106	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.2	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	53		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	74.3	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-014

Sample ID: B-13:15

Matrix: Solid

Sample Date: 5/9/2007

11:45 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.6	60 - 130
Dibromofluoromethane	95.8	60 - 130
Toluene-d8	102	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97.1	60 - 130
Dibromofluoromethane	98.5	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	75.9	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007

Sample Collected by: Client

Lab # : 55379-015

Sample ID: B-13:20

Matrix: Solid

Sample Date: 5/9/2007

11:55 AM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Butanol (TBA)	ND		1.0	40	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
Diisopropyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dichloroethane	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E
1,2-Dibromoethane (EDB)	ND		1.0	5.0	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.0	60 - 130
Dibromofluoromethane	97.2	60 - 130
Toluene-d8	108	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	100	µg/Kg	N/A	N/A	5/15/2007	SM3E070515E

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.7	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	106	60 - 130

Analyzed by: Mfelix

Reviewed by: MaiChiTu

TPH-Extractable: EPA 3545A / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	5.0	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A
TPH as Motor Oil	ND		1.0	10	mg/Kg	5/11/2007	SD070511A	5/14/2007	SD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	75.9	50 - 150

Analyzed by: NBocalan

Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Impact Environmental Services
39120 Argonaut Way #223
Fremont, CA 94538
Attn: Joseph Cotton

Project Name: Thompson Property
Project Location: 1409-1417 12th St, Oakland, CA
GlobalID: T0600158621

Certificate of Analysis - Data Report

Samples Received: 05/10/2007
Sample Collected by: Client

Lab #: 55379-016 Sample ID: B-13:GW Matrix: Liquid Sample Date: 5/9/2007 12:30 PM

VOCs: EPA 8260B

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	5/11/2007	WM1A070511A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	107	60 - 130
Dibromofluoromethane	99.2	60 - 130
Toluene-d8	101	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Purgeable: GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	5/11/2007	WM1A070511A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96.9	60 - 130
Dibromofluoromethane	104	60 - 130
Toluene-d8	94.0	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	50	µg/L	5/11/2007	WD070511A	5/12/2007	WD070511A
TPH as Motor Oil	ND		1.0	100	µg/L	5/11/2007	WD070511A	5/12/2007	WD070511A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	80.3	50 - 150

Analyzed by: NBocalan
Reviewed by: ELing

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - VOCs: EPA 8260B

QC Batch ID: SM3E070515E

Validated by: MaiChiTu - 05/16/07

QC Batch Analysis Date: 5/15/2007

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	5.0	µg/Kg
1,2-Dichloroethane	ND	1	5.0	µg/Kg
Benzene	ND	1	5.0	µg/Kg
Diisopropyl Ether	ND	1	5.0	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
tert-Amyl Methyl Ether	ND	1	5.0	µg/Kg
tert-Butanol (TBA)	ND	1	40	µg/Kg
tert-Butyl Ethyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank % Recovery Control Limits

4-Bromofluorobenzene	97.0	60 - 130
Dibromofluoromethane	98.1	60 - 130
Toluene-d8	106	60 - 130

Method Blank - Solid - TPH-Purgeable: GC/MS

QC Batch ID: SM3E070515E

Validated by: MaiChiTu - 05/16/07

QC Batch Analysis Date: 5/15/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	100	µg/Kg

Surrogate for Blank % Recovery Control Limits

4-Bromofluorobenzene	97.4	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	103	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Solid - VOCs: EPA 8260B

QC Batch ID: SM3E070515E

Reviewed by: MaiChiTu - 05/16/07

QC Batch ID Analysis Date: 5/15/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	39.2	µg/Kg	98.0	70 - 135
Benzene	<5.0	40	39.1	µg/Kg	97.8	70 - 135
Chlorobenzene	<5.0	40	44.2	µg/Kg	110	70 - 135
Methyl-t-butyl Ether	<5.0	40	37.2	µg/Kg	93.0	70 - 135
Toluene	<5.0	40	45.7	µg/Kg	114	70 - 135
Trichloroethene	<5.0	40	39.8	µg/Kg	99.5	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	94.2	60 - 130
Dibromofluoromethane	92.6	60 - 130
Toluene-d8	99.4	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	32.2	µg/Kg	80.5	19.6	30.0	70 - 135
Benzene	<5.0	40	31.8	µg/Kg	79.5	20.6	30.0	70 - 135
Chlorobenzene	<5.0	40	36.9	µg/Kg	92.2	18.0	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	34.0	µg/Kg	85.0	8.99	30.0	70 - 135
Toluene	<5.0	40	37.5	µg/Kg	93.8	19.7	30.0	70 - 135
Trichloroethene	<5.0	40	31.9	µg/Kg	79.8	22.0	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	96.5	60 - 130
Toluene-d8	101	60 - 130

LCS / LCSD - Solid - TPH-Purgeable: GC/MS

QC Batch ID: SM3E070515E

Reviewed by: MaiChiTu - 05/16/07

QC Batch ID Analysis Date: 5/15/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<100	250	316	µg/kg	126	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	98.1	60 - 130
Dibromofluoromethane	96.5	60 - 130
Toluene-d8	103	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<100	250	260	µg/kg	104	19.4	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	99.9	60 - 130
Dibromofluoromethane	98.2	60 - 130
Toluene-d8	103	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - VOCs: EPA 8260B

QC Batch ID: WM1A070511A

Validated by: MaiChiTu - 05/14/07

QC Batch Analysis Date: 5/11/2007

Parameter	Result	DF	PQLR	Units
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
Benzene	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	104	60 - 130
Dibromofluoromethane	92.1	60 - 130
Toluene-d8	100	60 - 130

Method Blank - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WM1A070511A

Validated by: MaiChiTu - 05/14/07

QC Batch Analysis Date: 5/11/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	93.7	60 - 130
Dibromofluoromethane	96.4	60 - 130
Toluene-d8	93.4	60 - 130

Entech Analytical Labs, Inc.

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LCS / LCSD - Liquid - VOCs: EPA 8260B

QC Batch ID: WM1A070511A

Reviewed by: MaiChiTu - 05/14/07

QC Batch ID Analysis Date: 5/11/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Benzene	<0.50	20	20.8	µg/L	104	70 - 130
Methyl-t-butyl Ether	<1.0	20	20.5	µg/L	102	70 - 130
Toluene	<0.50	20	19.7	µg/L	98.5	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	109	60 - 130
Dibromofluoromethane	104	60 - 130
Toluene-d8	99.6	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.50	20	18.9	µg/L	94.5	9.57	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	18.0	µg/L	90.0	12.5	25.0	70 - 130
Toluene	<0.50	20	18.6	µg/L	93.0	5.74	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	102	60 - 130
Dibromofluoromethane	95.4	60 - 130
Toluene-d8	97.1	60 - 130

LCS / LCSD - Liquid - TPH-Purgeable: GC/MS

QC Batch ID: WM1A070511A

Reviewed by: MaiChiTu - 05/14/07

QC Batch ID Analysis Date: 5/11/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	125	121	µg/L	96.6	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	96.6	60 - 130
Dibromofluoromethane	98.0	60 - 130
Toluene-d8	92.6	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	113	µg/L	90.4	6.67	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	92.0	60 - 130
Dibromofluoromethane	94.8	60 - 130
Toluene-d8	94.4	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC/Prep Batch ID: SD070511A

Validated by: ELing - 05/15/07

QC/Prep Date: 5/11/2007

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	5.0	mg/Kg
TPH as Motor Oil	ND	1	10	mg/Kg
Surrogate for Blank	% Recovery	Control Limits		
n-Hexacosane	85.3	50 - 150		

LCS / LCSD - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC Batch ID: SD070511A

Reviewed by: ELing - 05/15/07

QC/Prep Date: 5/11/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<5.0	100	78.3	mg/Kg	78.3	45 - 140
TPH as Motor Oil	<10	100	94.8	mg/Kg	94.8	45 - 140
Surrogate	% Recovery	Control Limits				
n-Hexacosane	82.6	50 - 150				

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<5.0	100	79.7	mg/Kg	79.7	1.84	30.0	45 - 140
TPH as Motor Oil	<10	100	95.5	mg/Kg	95.5	0.767	30.0	45 - 140
Surrogate	% Recovery	Control Limits						
n-Hexacosane	81.8	50 - 150						

MS / MSD - Solid - TPH-Extractable: EPA 3545A / EPA 8015B(M)

QC/Prep Batch ID: SD070511A

Reviewed by: ELing - 05/16/07

QC/Prep Date: 5/11/2007

MS Sample Spiked: 55379-003

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
TPH as Diesel	ND	100	67.7	mg/Kg	5/14/2007	67.7	45 - 140
TPH as Motor Oil	ND	100	73.5	mg/Kg	5/14/2007	73.5	45 - 140
Surrogate	% Recovery	Control Limits					
n-Hexacosane	79.2	50 - 150					

MSD Sample Spiked: 55379-003

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	ND	100	74.2	mg/Kg	5/14/2007	74.2	9.26	30.0	45 - 140
TPH as Motor Oil	ND	100	73.2	mg/Kg	5/14/2007	73.2	0.450	30.0	45 - 140
Surrogate	% Recovery	Control Limits							
n-Hexacosane	79.0	50 - 150							

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC/Prep Batch ID: WD070511A

Validated by: ELing - 05/15/07

QC/Prep Date: 5/11/2007

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	50	µg/L
TPH as Motor Oil	ND	1	100	µg/L
Surrogate for Blank	% Recovery	Control Limits		
n-Hexacosane	75.1	50 - 150		

LCS / LCSD - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC Batch ID: WD070511A

Reviewed by: ELing - 05/15/07

QC/Prep Date: 5/11/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	979	µg/L	97.9	40 - 138
TPH as Motor Oil	<100	1000	1060	µg/L	106	40 - 138
Surrogate	% Recovery	Control Limits				
n-Hexacosane	77.5	50 - 150				

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	1080	µg/L	108	9.33	25.0	40 - 138
TPH as Motor Oil	<100	1000	1180	µg/L	118	10.7	25.0	40 - 138
Surrogate	% Recovery	Control Limits						
n-Hexacosane	75.3	50 - 150						

Entech Analytical Labs, Inc. Chain of Custody / Analysis Request

3334 Victor Court (408) 588-0200
 Santa Clara, CA 95054 (408) 588-0201 - Fax

ELAP No. 2346

Attention to: Joseph Cotton	Phone No.: (510) 703-5420	Purchase Order No.:	Invoice to: (If Different) SAME	Phone:
Company Name: IMPACT ENVIRONMENTAL	Fax No.: (510) 791-0271	Project No. / Name: 1409-1417 12th St. OAKLAND	Company:	
Mailing Address: 39120 ARGONAUT WAY, #223	Email Address: Jac21462@aol.com	Project Location: 1409-1417 12th St., OAKLAND, CA	Billing Address: (If Different)	
City: FREMONT	State: CA	Zip Code: 94538	City:	State: Zip:

Entech Order ID: 55379	Turn Around Time	Circle Applicable
EDF <input checked="" type="checkbox"/> Global ID: T0600158621	<input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> 4 Day <input checked="" type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day	

Sample Information				Entech Lab. No.	Matrix	No. of Containers	Analysis Methods										Remarks Instructions
Client ID	Field Point	Date	Time				EPA 8260B Full List	8260 Petroleum: List includes: Gas, BTEX, MBE, EDB, TBA, TAME, DPE, 1,2-DCA, EDB, EDL, PCE, OX, PCBs	EPA 8270: Base/Neutral/Acid Organics 8270 Full List PAHs Only	PAHs - SIM	PCBs - 8092	TPH Gas, BTEX, MMBE by EPA 8015/8021B	Pesticides-8081	TPH Extractables (Diesel) (Motor Oil) Other	Surfactant Cleanup	Metals - Circle Below	
B-10:5'		5-9-07	1:00	001	S	1	X	X	X	X	X	X	X				
B-10:10'		}	1:15	002	S	1	X	X	X	X	X	X	X				
B-10:15'			1:30	003	S	1	X	X	X	X	X	X	X				
B-10:20'			2:00	004	S	1	X	X	X	X	X	X	X				
B-10:GW		5-9-07	2:30	005	W	5	X	X	X	X	X	X	X				
B-14:GW		5-9-07	3:00	006	W	5	X	X	X	X	X	X	X				

Relinquished by:	Received by:	Date: 5/10/07	Time: 1445	Lab Use: Email results to jac21462@aol.com
Relinquished by:	Received by:	Date:	Time:	Soils - 1 each (Plastic Tub)
Relinquished by:	Received by:	Date:	Time:	Water = 2 Lit Ambe's + 3 vials w/Hz each
Relinquished by:	Received by:	Date:	Time:	Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Ti, Sn, Ti, Zn, V

Lab Use: Plating LUFT-5 RCRA-8 PPM-13 CAM-17

Temperature: _____ Shipment Method: _____

Appropriate Containers/Preservatives: Y/N Custody Seals? Y/N

Labels match CoC? Y/N Headspace? Y/N Separate Receipt Log Y/N

If any N's, Explain:

Entech Analytical Labs, Inc. Chain of Custody / Analysis Request

3334 Victor Court (408) 588-0200
 Santa Clara, CA 95054 (408) 588-0201 - Fax

ELAP No. 2346

Attention to: JOSEPH COTTON	Phone No.: (510) 703-5420	Purchase Order No.:	Invoice to: (If Different) - SAME -	Phone: _____
Company Name: IMPACT ENVIRONMENTAL	Fax No.: (510) 791-0271	Project No. / Name: THOMPSON PROPERTY	Company: _____	
Mailing Address: 34120 ARGONAUT WAY, #223	Email Address: Jac21462@aolic.com	Project Location: 1409 - 1417 12th ST OAKLAND, CA	Billing Address: (If Different) _____	
City: FREMONT	State: CA Zip Code: _____	City: _____	State: _____ Zip: _____	

Entech Order ID: 55379	Turn Around Time <input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> 4 Day <input checked="" type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day	Circle Applicable
EDF Global ID: TD0600158621		

Sample Information				Entech Lab. No.	Matrix	No. of Containers	Circle Applicable										Remarks Instructions
Client ID	Field Point	Date	Time				EPA 8260B Full List	8260 Petroleum List includes: Gas, BTEX, MMBE, EDBE, TBA, TAME, DPE, 1,2-DCA, EDB	EPC 1 PCBs	EPA 8270 Base/Neutral/Acid Organics 8270 Full List PAHs Only	PAHs - 51M	PCBs - 8082	TPH Extractable (Diesel) w/ Si-gel Cleanup	Motor Oil	Other	Metals Total	
B-12'5'		5-9-7	9:30	007	S	1	X	X	X	X	X	X	X	X			
B-12'10'		}	9:45	008	S	1	X	X	X	X	X	X	X	X			
B-12'15'			10:00	009	S	1	X	X	X	X	X	X	X	X			
B-12'20'			10:15	010	S	1	X	X	X	X	X	X	X	X			
B-12'GW			10:30	011	WS	5	X	X	X	X	X	X	X	X			
B-13'5'			11:00	012	S	1	X	X	X	X	X	X	X	X			
B-13'10'			11:30	013	S	1	X	X	X	X	X	X	X	X			
B-13'15'			11:45	014	S	1	X	X	X	X	X	X	X	X			
B-13'20'			11:55	015	S	1	X	X	X	X	X	X	X	X			
B-13'GW		5-9-7	12:30	016	WS	5	X	X	X	X	X	X	X				

Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date: 5/10/07	Time: 1445	Lab Use: Email results to jac21462@aolic.com
Relinquished by:	Received by:	Date:	Time:	
Relinquished by:	Received by:	Date:	Time:	Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, K, Si, Ag, Na, Se, Tl, Sn, Ti, Zn, V <input type="checkbox"/> Plating <input type="checkbox"/> LUFT-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> PPM-13 <input type="checkbox"/> CAM-17

Lab Use: _____ If any N's, Explain: _____

Samples: Iced Y/N Temperature: _____ Shipment Method: _____
 Appropriate Containers/Preservatives: Y/N Custody Seals? Y/N
 Labels match CoC? Y/N Headspace? Y/N Separate Receipt Log Y/N



TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com

May 25, 2007

Mr. Joseph Cotton
Impact Environmental Services
39120 Arogonat Way, Suite 223
Fremont, CA 94538

TEL: 510-703-5420

FAX 510-713-7790

RE: Risk Evaluation (Indoor Inhalation)

Order No.: 0705093

Dear Mr. Joseph Cotton:

Torrent Laboratory, Inc. received 9 samples on 5/18/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,


Laboratory Director

5/25/07
Date

Patti Sandrock
QA Officer

Torrent Laboratory, Inc.**Date:** 05-Jun-07

CLIENT: Impact Environmental Services
Project: Risk Evaluation (Indoor Inhalation)
Lab Order: 0705093

CASE NARRATIVE

Per client request, all data was re-issued in ug.m3 units rather than ppbv. All reporting limits are either Less than or equal to the February 2005 ESL limits (Appendix 1).

Rev 1



TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Mr. Joseph Cotton
Impact Environmental Services

Date Received: 5/18/2007

Date Reported: 5/25/2007

Client Sample ID: SV-1
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 1:35:00 PM

Lab Sample ID: 0705093-001

Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.45	15	16	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.45	140	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.45	140	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Client Sample ID: SV-1
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 1:35:00 PM

Lab Sample ID: 0705093-001
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Ethyl Benzene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.45	15	23	µg/m ³	R12815
Methylene Chloride	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.45	15	40	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.45	15	ND	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.45	510	426 J	µg/m ³	R12819
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Note: Reporting limit increased due to low pressure in Summa canister. Results reported to the MDL. Values reported between the MDL and RL should be considered as estimated and are flagged with the appropriate "J" qualifier.

Client Sample ID: SV-2	Lab Sample ID: 0705093-002
Sample Location: 1409-1417 12th St Oakland	Date Prepared: 5/21/2007
Sample Matrix: AIR	
Date/Time Sampled 5/16/2007 1:43:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.44	14	19	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.44	140	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.44	14	21	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.44	140	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.44	14	54	µg/m ³	R12815

Client Sample ID: SV-2
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 1:43:00 PM

Lab Sample ID: 0705093-002
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.44	14	23	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.44	14	56	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.44	510	1970 x	µg/m ³	R12819
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Note: x-Although TPH as Gasoline is present, result is elevated due to presence of non-target compounds within the TPH as Gasoline quantitative ra

Client Sample ID: SV-3
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 1:50:00 PM

Lab Sample ID: 0705093-003
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.37	140	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.37	140	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.37	14	24	µg/m ³	R12815

Report prepared for: Mr. Joseph Cotton
Impact Environmental Services

Date Received: 5/18/2007
Date Reported: 5/25/2007

Client Sample ID: SV-3
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 1:50:00 PM

Lab Sample ID: 0705093-003
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.37	14	27	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Surr: 4-Bromofluorobenzene	TO-15	5/21/2007	10	1.37	50-150	0	%REC	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.37	480	408 x	µg/m ³	R12819
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Note: x-Although TPH as Gasoline is present, result is elevated due to presence of non-target compounds within the TPH as Gasoline quantitative ra

Client Sample ID: SV-4
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 2:10:00 PM

Lab Sample ID: 0705093-004
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.61	16	18	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.61	160	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.61	16	21	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.61	160	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.61	16	310	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.61	16	56	µg/m ³	R12815

Report prepared for: Mr. Joseph Cotton
Impact Environmental Services

Date Received: 5/18/2007
Date Reported: 5/25/2007

Client Sample ID: SV-4
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 2:10:00 PM

Lab Sample ID: 0705093-004
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.61	16	17	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.61	16	65	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.61	16	ND	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.61	570	3070 x	µg/m ³	R12819
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Note: x-Although TPH as Gasoline is present, result is elevated due to presence of non-target compounds within the TPH as Gasoline quantitative ra

Client Sample ID: SV-5
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 4:10:00 PM

Lab Sample ID: 0705093-005
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.49	150	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.49	150	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.49	15	89	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815

Client Sample ID: SV-5
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 4:10:00 PM

Lab Sample ID: 0705093-005
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.49	15	ND	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.49	520	ND	µg/m ³	R12819
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Note: Reporting limit increased due to low pressure in Summa canister. Results reported to the MDL.

Client Sample ID: SV-6	Lab Sample ID: 0705093-006
Sample Location: 1409-1417 12th St Oakland	Date Prepared: 5/21/2007
Sample Matrix: AIR	
Date/Time Sampled 5/17/2007 12:42:00 PM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	13	130	310	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	13	130	140	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	13	1300	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	13	130	350	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	13	1300	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	13	130	1200	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	13	130	150	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	13	130	830	µg/m ³	R12815

Report prepared for: Mr. Joseph Cotton
Impact Environmental Services

Date Received: 5/18/2007
Date Reported: 5/25/2007

Client Sample ID: SV-6
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/17/2007 12:42:00 PM

Lab Sample ID: 0705093-006
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	13	130	590	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	13	130	1700	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	13	130	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	13	130	260	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	13	4600	52000	µg/m ³	R12819
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Client Sample ID: SV-7
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 4:13:00 PM

Lab Sample ID: 0705093-007

Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.42	14	20	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.42	140	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.42	14	19	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.42	140	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.42	14	17	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.42	14	59	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.42	14	34	µg/m ³	R12815

Client Sample ID: SV-7
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 4:13:00 PM

Lab Sample ID: 0705093-007
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.42	14	34	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.42	14	ND	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.42	500	1040 x	µg/m ³	R12819
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Note: x-Although TPH as Gasoline is present, result is elevated due to presence of non-target compounds within the TPH as Gasoline quantitative ra

Client Sample ID: SV-8

Lab Sample ID: 0705093-008

Sample Location: 1409-1417 12th St Oakland

Date Prepared: 5/21/2007

Sample Matrix: AIR

Date/Time Sampled 5/16/2007 4:41:00 PM

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.44	140	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.44	140	ND	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.44	14	15	µg/m ³	R12815

Report prepared for: Mr. Joseph Cotton
Impact Environmental Services

Date Received: 5/18/2007

Date Reported: 5/25/2007

Client Sample ID: SV-8
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/16/2007 4:41:00 PM

Lab Sample ID: 0705093-008
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.44	14	ND	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.44	510	ND	µg/m ³	R12819
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Note: Reporting limit increased due to low pressure in Summa canister. Results reported to the MDL.

Client Sample ID: SV-9
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/17/2007 12:20:00 PM

Lab Sample ID: 0705093-009
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
1,1 - Dichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,1,2-Tetrachloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,1-Trichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,2,2-Tetrachloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1,2-Trichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,1-Dichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2,4-Trichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2,4-Trimethylbenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2-Dichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2-Dichloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,2-Dichloropropane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,3,5-Trimethylbenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,3-Butadiene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,3-Dichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,4-Dichlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
1,4-Dioxane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
2-Butanone (MEK)	TO-15	5/21/2007	100	1.37	140	ND	µg/m ³	R12815
2-Hexanone	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
4-Ethyl Toluene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
4-Methyl-2-Pentanone (MIBK)	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Acetone	TO-15	5/21/2007	100	1.37	140	220	µg/m ³	R12815
Benzene	TO-15	5/21/2007	10	1.37	14	22	µg/m ³	R12815
Benzyl Chloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Bromodichloromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Bromoform	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Bromomethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Carbon Disulfide	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Carbon Tetrachloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chlorobenzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chloroethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chloroform	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Chloromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
cis-1,2-dichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
cis-1,3-Dichloropropene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Dibromochloromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Dichlorodifluoromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Ethyl Acetate	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Ethyl Benzene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Freon 113	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Hexachlorobutadiene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Hexane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Isopropanol	TO-15	5/21/2007	10	1.37	14	200	µg/m ³	R12815
m,p-Xylene	TO-15	5/21/2007	10	1.37	14	19	µg/m ³	R12815

Report prepared for: Mr. Joseph Cotton
Impact Environmental Services

Date Received: 5/18/2007
Date Reported: 5/25/2007

Client Sample ID: SV-9
Sample Location: 1409-1417 12th St Oakland
Sample Matrix: AIR
Date/Time Sampled 5/17/2007 12:20:00 PM

Lab Sample ID: 0705093-009
Date Prepared: 5/21/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Methylene Chloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
MTBE	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Naphthalene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
o-xylene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Styrene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Tetrachloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Tetrahydrofuran	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Toluene	TO-15	5/21/2007	10	1.37	14	23	µg/m ³	R12815
trans-1,2-Dichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Trichloroethene	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Trichlorofluoromethane	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Vinyl Acetate	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815
Vinyl Chloride	TO-15	5/21/2007	10	1.37	14	ND	µg/m ³	R12815

Note: Reporting limit increased due to low pressure in Summa canister ug/m3 reporting limit < or = to ESL limits.

Gasoline	TO-3(MOD)	5/18/2007	352	1.37	480	1500 x	µg/m ³	R12819
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Note: x-Although TPH as Gasoline is present, result is elevated due to presence of non-target compounds within the TPH as Gasoline quantitative ra

Definitions, legends and Notes

Note	Description
S	% Recovery outside accepted recovery limits
R	RPD outside of accepted recovery limits
x	Not typical
Q	% recovery and RPD limits do not apply. Parameter concentration exceeded spike concentration by 4X or greater
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Parameter not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting Limit.
% RPD	Relative Percent Difference.
sub	Analyzed by subcontracting laboratory, Lab Certificate #
*	See Applicable analysis comments
1	Surrogate recovery compound out of control due to required dilution and, therefore, sample data reported without f
2	Surrogate % Rec out of control due to matrix interference. Associated Method Blank surrogate in control. No furth
3	% Rec of MS and/or MSD out of control due to matrix interference. Associated LCS/LCSD was in control. No furth
4	% RPD of MS/MSD out of control due to matrix interference. Associated LCS/LCSD was in control. No further cla
B	Analyte was present within the associated method blank
E	Reported concentration exceed the calibration range - results should be considered estimated.
H	Sample received and/or analyzed past the recommended holding time
J	Analyte detected below the erporting limit but above laboratory method detection limit. Reported value is estimate
N	Non-target analyte

CLIENT: Impact Environmental Services
Work Order: 0705093
Project: Risk Evaluation (Indoor Inhalation)

ANALYTICAL QC SUMMARY REPORT

BatchID: R12815

Sample ID: mb	SampType: MBLK	TestCode: TO-15	Units: ppbv	Prep Date: 5/21/2007	RunNo: 12815						
Client ID: ZZZZZ	Batch ID: R12815	TestNo: TO-15		Analysis Date: 5/21/2007	SeqNo: 187705						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1 - Dichloroethene	ND	0.50									
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Butadiene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
1,4-Dioxane	ND	0.50									
2-Butanone (MEK)	ND	0.50									
2-Hexanone	ND	0.50									
4-Ethyl Toluene	ND	0.50									
4-Methyl-2-Pentanone (MIBK)	ND	0.50									
Acetone	ND	4.0									
Benzene	ND	0.50									
Benzyl Chloride	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon Disulfide	ND	0.50									
Carbon Tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Impact Environmental Services
Work Order: 0705093
Project: Risk Evaluation (Indoor Inhalation)

ANALYTICAL QC SUMMARY REPORT

BatchID: R12815

Sample ID: mb	SampType: MBLK	TestCode: TO-15	Units: ppbv			Prep Date: 5/21/2007	RunNo: 12815				
Client ID: ZZZZZ	Batch ID: R12815	TestNo: TO-15				Analysis Date: 5/21/2007	SeqNo: 187705				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethyl Acetate	ND	0.50									
Ethyl Benzene	ND	0.50									
Freon 113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Hexane	ND	1.0									
Isopropanol	ND	4.0									
m,p-Xylene	ND	0.50									
Methylene Chloride	ND	1.0									
MTBE	ND	0.50									
Naphthalene	ND	5.0									
o-xylene	ND	0.50									
Styrene	ND	0.50									
Tetrachloroethene	ND	0.50									
Tetrahydrofuran	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl Acetate	ND	0.50									
Vinyl Chloride	ND	0.50									
Surr: 4-Bromofluorobenzene	21.51	0	20	0	108	50	150				

Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

CLIENT: Impact Environmental Services
Work Order: 0705093
Project: Risk Evaluation (Indoor Inhalation)

ANALYTICAL QC SUMMARY REPORT

BatchID: R12815

Sample ID: LCS	SampType: LCS	TestCode: TO-15	Units: ppbv			Prep Date: 5/21/2007	RunNo: 12815				
Client ID: ZZZZZ	Batch ID: R12815	TestNo: TO-15				Analysis Date: 5/21/2007	SeqNo: 187706				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	22.78	0.50	20	0	114	65	135				
1,1,1,2-Tetrachloroethane	24.28	0.50	20	0	121	65	135				
1,1,1-Trichloroethane	25.03	0.50	20	0	125	65	135				
1,1,2,2-Tetrachloroethane	23.85	0.50	20	0	119	65	135				
1,1,2-Trichloroethane	25.55	0.50	20	0	128	65	135				
1,1-Dichloroethane	23.99	0.50	20	0	120	65	135				
1,2,4-Trichlorobenzene	26.44	0.50	20	0	132	65	135				
1,2,4-Trimethylbenzene	24.25	0.50	20	0	121	65	135				
1,2-Dichlorobenzene	25.83	0.50	20	0	129	65	135				
1,2-Dichloroethane	24.85	0.50	20	0	124	65	135				
1,2-Dichloropropane	22.56	0.50	20	0	113	65	135				
1,3,5-Trimethylbenzene	24.15	0.50	20	0	121	65	135				
1,3-Butadiene	25.69	0.50	20	0	128	65	135				
1,3-Dichlorobenzene	23.64	0.50	20	0	118	65	135				
1,4-Dichlorobenzene	23.64	0.50	20	0	118	65	135				
2-Butanone (MEK)	22.32	0.50	20	0	112	65	135				
2-Hexanone	24.97	0.50	20	0	125	65	135				
4-Ethyl Toluene	25.38	0.50	20	0	127	65	135				
4-Methyl-2-Pentanone (MIBK)	26.98	0.50	20	0	135	65	135				
Acetone	33.79	4.0	40	0	84.5	65	135				
Benzene	20.74	0.50	20	0	104	65	135				
Benzyl Chloride	24.70	0.50	20	0	124	65	135				
Bromodichloromethane	26.35	0.50	20	0	132	65	135				
Bromoform	24.06	0.50	20	0	120	65	135				
Bromomethane	25.37	0.50	20	0	127	65	135				
Carbon Disulfide	23.23	0.50	20	0	116	65	135				
Carbon Tetrachloride	23.79	0.50	20	0	119	65	135				
Chlorobenzene	21.13	0.50	20	0	106	65	135				
Chloroethane	24.92	0.50	20	0	125	65	135				
Chloroform	24.01	0.50	20	0	120	65	135				
Chloromethane	20.94	0.50	20	0	105	65	135				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Impact Environmental Services
Work Order: 0705093
Project: Risk Evaluation (Indoor Inhalation)

ANALYTICAL QC SUMMARY REPORT

BatchID: R12815

Sample ID: LCS	SampType: LCS	TestCode: TO-15	Units: ppbv			Prep Date: 5/21/2007	RunNo: 12815				
Client ID: ZZZZZ	Batch ID: R12815	TestNo: TO-15				Analysis Date: 5/21/2007	SeqNo: 187706				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-dichloroethene	24.27	0.50	20	0	121	65	135				
cis-1,3-Dichloropropene	24.86	0.50	20	0	124	65	135				
Dibromochloromethane	26.86	0.50	20	0	134	65	135				
Dichlorodifluoromethane	21.25	0.50	20	0	106	65	135				
Ethyl Acetate	23.69	0.50	20	0	118	65	135				
Ethyl Benzene	21.42	0.50	20	0	107	65	135				
Freon 113	20.27	0.50	20	0	101	65	135				
Hexachlorobutadiene	24.84	0.50	20	0	124	65	135				
Hexane	23.51	1.0	20	0	118	65	135				
Isopropanol	31.84	4.0	40	0	79.6	65	135				
m,p-Xylene	43.18	0.50	40	0	108	65	135				
Methylene Chloride	22.62	1.0	20	0	113	65	135				
MTBE	23.02	0.50	20	0	115	65	135				
Naphthalene	23.93	5.0	20	0	120	65	135				
o-xylene	26.03	0.50	20	0	130	65	135				
Styrene	26.02	0.50	20	0	130	65	135				
Tetrachloroethene	24.33	0.50	20	0	122	65	135				
Toluene	24.38	0.50	20	0	122	65	135				
trans-1,2-Dichloroethene	23.24	0.50	20	0	116	65	135				
Trichloroethene	23.81	0.50	20	0	119	65	135				
Trichlorofluoromethane	23.04	0.50	20	0	115	65	135				
Vinyl Acetate	26.16	0.50	20	0	131	65	135				
Vinyl Chloride	24.02	0.50	20	0	120	65	135				
Surr: 4-Bromofluorobenzene	26.58	0	20	0	133	50	150				

Sample ID: LCS D	SampType: LCS D	TestCode: TO-15	Units: ppbv			Prep Date: 5/21/2007	RunNo: 12815				
Client ID: ZZZZZ	Batch ID: R12815	TestNo: TO-15				Analysis Date: 5/21/2007	SeqNo: 187708				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1 - Dichloroethene	24.95	0.50	20	0	125	65	135	22.78	9.09	30	
1,1,1,2-Tetrachloroethane	24.67	0.50	20	0	123	65	135	24.28	1.59	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Impact Environmental Services
Work Order: 0705093
Project: Risk Evaluation (Indoor Inhalation)

ANALYTICAL QC SUMMARY REPORT

BatchID: R12815

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv			Prep Date: 5/21/2007			RunNo: 12815		
Client ID: ZZZZZ	Batch ID: R12815	TestNo: TO-15				Analysis Date: 5/21/2007			SeqNo: 187708		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	26.73	0.50	20	0	134	65	135	25.03	6.57	30	
1,1,2,2-Tetrachloroethane	23.78	0.50	20	0	119	65	135	23.85	0.294	30	
1,1,2-Trichloroethane	26.86	0.50	20	0	134	65	135	27.44	2.14	30	
1,1-Dichloroethane	23.92	0.50	20	0	120	65	135	23.99	0.292	30	
1,2,4-Trichlorobenzene	25.40	0.50	20	0	127	65	135	26.44	4.01	30	
1,2,4-Trimethylbenzene	22.62	0.50	20	0	113	65	135	24.25	6.96	30	
1,2-Dichlorobenzene	23.95	0.50	20	0	120	65	135	25.83	7.55	30	
1,2-Dichloroethane	25.22	0.50	20	0	126	65	135	24.85	1.48	30	
1,2-Dichloropropane	18.51	0.50	20	0	92.6	65	135	22.56	19.7	30	
1,3,5-Trimethylbenzene	23.19	0.50	20	0	116	65	135	24.15	4.06	30	
1,3-Butadiene	22.05	0.50	20	0	110	65	135	25.69	15.2	30	
1,3-Dichlorobenzene	24.38	0.50	20	0	122	65	135	23.64	3.08	30	
1,4-Dichlorobenzene	24.38	0.50	20	0	122	65	135	23.64	3.08	30	
2-Butanone (MEK)	26.65	0.50	20	0	133	65	135	22.32	17.7	30	
2-Hexanone	25.34	0.50	20	0	127	65	135	24.97	1.47	30	
4-Ethyl Toluene	24.57	0.50	20	0	123	65	135	25.38	3.24	30	
4-Methyl-2-Pentanone (MIBK)	25.48	0.50	20	0	127	65	135	26.98	5.72	30	
Acetone	35.73	4.0	40	0	89.3	65	135	28.68	21.9	30	
Benzene	23.87	0.50	20	0	119	65	135	20.74	14.0	30	
Benzyl Chloride	23.98	0.50	20	0	120	65	135	24.7	2.96	30	
Bromodichloromethane	24.78	0.50	20	0	124	65	135	26.35	6.14	30	
Bromoform	23.35	0.50	20	0	117	65	135	24.06	3.00	30	
Bromomethane	26.39	0.50	20	0	132	65	135	25.37	3.94	30	
Carbon Disulfide	25.23	0.50	20	0	126	65	135	23.23	8.25	30	
Carbon Tetrachloride	26.11	0.50	20	0	131	65	135	23.79	9.30	30	
Chlorobenzene	21.13	0.50	20	0	106	65	135	21.13	0	30	
Chloroethane	26.41	0.50	20	0	132	65	135	24.92	5.81	30	
Chloroform	23.73	0.50	20	0	119	65	135	24.01	1.17	30	
Chloromethane	24.51	0.50	20	0	123	65	135	20.94	15.7	30	
cis-1,2-dichloroethene	26.20	0.50	20	0	131	65	135	24.27	7.65	30	
cis-1,3-Dichloropropene	23.63	0.50	20	0	118	65	135	28.11	17.3	30	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Impact Environmental Services
Work Order: 0705093
Project: Risk Evaluation (Indoor Inhalation)

ANALYTICAL QC SUMMARY REPORT

BatchID: R12815

Sample ID: LCSD	SampType: LCSD	TestCode: TO-15	Units: ppbv			Prep Date: 5/21/2007	RunNo: 12815				
Client ID: ZZZZZ	Batch ID: R12815	TestNo: TO-15				Analysis Date: 5/21/2007	SeqNo: 187708				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	26.44	0.50	20	0	132	65	135	26.86	1.58	30	
Dichlorodifluoromethane	26.90	0.50	20	0	135	65	135	21.25	23.5	30	
Ethyl Acetate	26.06	0.50	20	0	130	65	135	23.69	9.53	30	
Ethyl Benzene	21.23	0.50	20	0	106	65	135	21.42	0.891	30	
Freon 113	21.91	0.50	20	0	110	65	135	20.27	7.78	30	
Hexachlorobutadiene	23.59	0.50	20	0	118	65	135	24.84	5.16	30	
Hexane	26.11	1.0	20	0	131	65	135	23.51	10.5	30	
Isopropanol	29.24	4.0	40	0	73.1	65	135	31.84	8.51	30	
m,p-Xylene	42.83	0.50	40	0	107	65	135	43.18	0.814	30	
Methylene Chloride	26.71	1.0	20	0	134	65	135	22.62	16.6	30	
MTBE	25.65	0.50	20	0	128	65	135	23.02	10.8	30	
Naphthalene	25.64	5.0	20	0	128	65	135	23.93	6.90	30	
o-xylene	24.12	0.50	20	0	121	65	135	26.03	7.62	30	
Styrene	24.39	0.50	20	0	122	65	135	26.02	6.47	30	
Tetrachloroethene	21.53	0.50	20	0	108	65	135	24.33	12.2	30	
Toluene	25.79	0.50	20	0	129	65	135	24.38	5.62	30	
trans-1,2-Dichloroethene	25.10	0.50	20	0	126	65	135	23.24	7.70	30	
Trichloroethene	23.79	0.50	20	0	119	65	135	23.81	0.0840	30	
Trichlorofluoromethane	26.98	0.50	20	0	135	65	135	23.04	15.8	30	
Vinyl Acetate	27.80	0.50	20	0	139	65	135	26.16	6.08	30	S
Vinyl Chloride	24.21	0.50	20	0	121	65	135	24.02	0.788	30	
Surr: 4-Bromofluorobenzene	23.46	0	20	0	117	50	150	0	0	0	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Impact Environmental Services
Work Order: 0705093
Project: Risk Evaluation (Indoor Inhalation)

ANALYTICAL QC SUMMARY REPORT

BatchID: R12819

Sample ID: MB-G	SampType: MBLK	TestCode: TO-3Gas (MO) Units: ppbv				Prep Date:			RunNo: 12819		
Client ID: ZZZZZ	Batch ID: R12819	TestNo: TO-3(MOD)				Analysis Date: 5/18/2007			SeqNo: 187670		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	ND					100					
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Sample ID: LCS-G	SampType: LCS	TestCode: TO-3Gas (MO) Units: ppbv				Prep Date:			RunNo: 12819		
Client ID: ZZZZZ	Batch ID: R12819	TestNo: TO-3(MOD)				Analysis Date: 5/18/2007			SeqNo: 187671		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	1005	100	1000	0	100	65	135				
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Sample ID: LCSD-G	SampType: LCSD	TestCode: TO-3Gas (MO) Units: ppbv				Prep Date:			RunNo: 12819		
Client ID: ZZZZZ	Batch ID: R12819	TestNo: TO-3(MOD)				Analysis Date: 5/18/2007			SeqNo: 187672		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	1021	100	1000	0	102	65	135	1005	1.57	30	
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Qualifiers:	E Value above quantitation range	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits

0705093



TORRENT LABORATORY, INC.

CHAIN OF CUSTODY

483 Sinclair Frontage Rd. Milpitas, CA 95035
Phone: 408.263.5258 FAX: 408.263.8293
Visit us at www.torrentlab.com email: analysis@torrentlab.com

Company Name: <u>IMPACT ENVIRONMENTAL</u>	Location of Sampling: <u>1409-1417 12th St. OAKLAND</u>
Address: <u>39120 ARGONAUT WAY, #223</u>	Purpose: <u>RISK EVALUATION (INDOOR INHAURATION)</u>
City: <u>FREMONT</u> State: <u>CA</u> Zip Code: <u>94538</u>	Special Instructions / Comments: <u>Please email results</u>
Telephone: <u>(510) 703-5420</u> FAX # <u>(510) 791-0271</u>	to <u>Jac21462@aol.com</u>
Report To: <u>JOSEPH COTTON</u> Sampler: <u>Joseph Cotton</u>	P.O. #:

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

Storm Water
 Waste Water
 Soil
 Other AIR

Analyses Requested				
ID-15	ID-3	Metals	Organics	Pesticides

Torrent's Sample I.D.	Date/Time Sampled	Sample Type	#of Cont.	Cont. Type	ID-15	ID-3	Metals	Organics	Pesticides	Comments
1. SV-1	5-16-7 1:35P	AIR	1	SUMMA	X	X	X			001A
2. SV-2	5-16-7 1:43P	AIR	1	}	X	X	X			002A
3. SV-3	5-16-7 1:50P	AIR	1		X	X	X			003A
4. SV-4	5-16-7 2:10P	AIR	1		X	X	X			004A
5. SV-5	5-16-7 4:10P	AIR	1		X	X	X			005A
6. SV-6	5-17-7 12:42P	AIR	1		X	X	X			006A
7. SV-7	5-16-7 4:13P	AIR	1	}	X	X	X			007A
8. SV-8	5-16-7 4:41P	AIR	1		X	X	X			008A
9. SV-9	5-17-7 12:20P	AIR	1	SUMMA	X	X	X			009A
10.										

Relinquished By: <u>Joseph Cotton</u>	Date: <u>5-17-7</u>	Time: <u>15:20</u>	Received By: <u>[Signature]</u>	Date: <u>5/17/07</u>	Time: <u>15:28</u>
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Were Samples Received in Good Condition? YES NO Samples on Ice? YES NO Method of Shipment Client Page 1 of 1

(MA)

Impact Environmental Services



Transmittal

To: Mr. Steven Plunkett
Alameda County Environmental
Health Services
1131 Harbor Bay Parkway
San Francisco, CA 94105

From: Joseph Cotton
Date: June 5, 2007
ACDEH File No.: RO0002933

Copies	Description	Sent by:
2	Site Characterization Report 1409 – 1417 12 th Street Oakland, California. (June 5, 2007) 1 Electronic Copy and 1 Hardcopy	<input checked="" type="checkbox"/> <i>Regular Mail</i> <input type="checkbox"/> <i>FedEx</i> <input type="checkbox"/> <i>Courier</i> <input checked="" type="checkbox"/> <i>Other</i>

Mr. Plunkett,

Attached is the Site Characterization Report for 1409-1417 12th Street, Oakland, California. Impact Environmental Services is submitting this report on behalf of the Mrs. Shirley Thompson.

Should you have questions, please contact me at (510) 703-5420.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Cotton", with a long horizontal flourish extending to the right.

Joseph A. Cotton PG
Principal Geologist

Copies	Name & Address	Sent by:
2	Mrs. Shirley Thompson 1155 Hopkins Street Berkeley CA 94801	<input type="checkbox"/> <i>Regular Mail</i> <input type="checkbox"/> <i>FedEx</i> <input type="checkbox"/> <i>Courier</i> <input checked="" type="checkbox"/> <i>Other</i>