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Environmental Health

17 May 2011
Project 730482302

Ms. Barbara Jakub, P.G.
Alameda County Health Care Services Agency
Environmental Health Department
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Summary of Environmental Conditions
In Support of Case Closure Request for
EmeryStation Greenway
5812 Hollis Street
Emeryville, CA
Alameda County LUFT Case No. RO0000201

Dear Ms. Jakub:

As a legally authorized representative of Wareham Property Group, and on behalf of Wareham Property Group, I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document titled *Summary of Environmental Conditions In Support of Case Closure Request for EmeryStation Greenway, 5812 Hollis Street, Emeryville, CA, Alameda County LUFT Case No. RO0000201*, are true and correct to the best of my knowledge.

Sincerely yours,

Geoffrey B. Sears

Geoffrey Sears
WAREHAM PROPERTY GROUP
On behalf of ES Triangle II Associates, LLC

attachment

Treadwell&Rollo
A LANGAN COMPANY

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5812 Hollis Street
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Dear Ms. Jakub:

This letter has been prepared to provide additional information substantiating our requests for case closure submitted to Alameda County Environmental Health (ACEH) in the Treadwell & Rollo 5 May 2011 *Summary of Soil and Groundwater Analytical Results* and 17 September 2010 *Case Closure Summary* submitted as documentation of remediation completion at the EmeryStation Greenway property, located at 5812 Hollis Street, Emeryville, California ("Site"). The intent of this letter is to provide a summary of the history of the former use and recent environmental remediation work performed at the Site. Also, during our teleconference call on 10 May 2011, you reviewed the analytical results and informed Wareham Development to proceed with the construction of the proposed building which included the pouring of the foundation system. The pre-remediation and confirmation sampling performed at the Site demonstrate that all soil and groundwater containing hydrocarbons associated with the former USTs has been removed and therefore that formal site closure of the former USTs by the ACEH is warranted.

BACKGROUND

The Site is an approximate one-acre triangular-shaped parcel located at the intersection of Hollis and Powell Streets (Figure 1). The Site is bound by Hollis Street to the west, a commercial building to the north (at 5850 Hollis Street), and a public greenway approximately 25 feet wide to the east. The greenway is the western edge of the former bulk oil storage and canning facility located at 1350 Powell Street and described in further detail below. The southern tip of the Site is at the intersection of Hollis Street and Powell Street. The Site is currently being redeveloped by the Wareham Property Group with a four-story commercial building overlying one level of subgrade parking. Site redevelopment has included the excavation of soil for the underground parking garage over the northern two-thirds of the Site, which generated approximately 33,000 tons of material disposed off-Site as non-hazardous waste.

The Site was formerly operated as a forklift dismantling business from 1977 to 2008. According to City of Emeryville staff, aerial photographs show the building as being constructed in the 1940s, and the property use prior to the forklift business as pipe supply and storage. Prior to the recently completed excavation activities for the new development, the Site was occupied by a paved yard and the foundations and floor slab from a former one-story building that had previously been located in the southern portion of the property. Two underground fuel storage tanks (USTs) were reportedly installed

in 1977 in the northern portion of the Site for fleet fueling operations. The USTs were removed in 1989. A third UST was discovered under the pavement of the yard in the center-eastern portion of the Site during concrete slab removal in August 2010. This 1,100-gallon gasoline UST was removed by Pacific States Environmental Contractors. Inc. of Dublin, California (PSEC) on 20 August 2010 with oversight by ACEH, and approximately 30 cubic yards of soil were excavated to remove petroleum-contaminated soil.

In 2008 and 2009, soil and groundwater at the Site were investigated to profile the soil that would be excavated and disposed from the Site and to evaluate possible contamination associated with the former USTs in the northern part of the Site. Appendix A contains previously prepared tables summarizing the analytical results of the soil and groundwater samples, and a Site Plan with the previous sampling locations. These data were previously reported in the 2008 *Phase II Environmental Site Assessment* and the 2010 Treadwell & Rollo *Case Closure Summary*. Analytical results indicated that the shallow soil (primarily to a depth of 3.5 feet below ground surface [bgs]) beneath the Site had been locally impacted by total petroleum hydrocarbons, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals (principally lead).

Limited groundwater contamination by petroleum hydrocarbons has historically been detected at the property, and does not appear to be migrating off-site. The source of the groundwater contamination was limited to the backfill and soil in the immediate vicinity of the former USTs in the northern portion of the Site. No groundwater impacts were observed in the area of the UST discovered during Site excavation in the southern portion of the site. Groundwater gradient at the Site and nearby vicinity is to the west-southwest.

Borings TR-5 through TR-9 (Figure 2) were located down or cross gradient of the former southern UST and did not detect any TPHd, TPHmo at or above the method reporting limits in soil samples collected at depths of 5.5 feet bgs. Analytical results of samples collected from borings KB-3, KB-4 and associated borings KB-4A through KB-4E (Figure 2) (located in the southern area of the Site and close proximity of sidewall sample P5-11) at depths ranging from 3.5 feet to 10.5 feet bgs detected elevated concentrations of TPHd and TPHmo, with the highest concentrations detected at depths of 7.5 feet to 9 feet bgs. Based on the distance and groundwater gradient between these borings and the southern UST, any release from the southern UST would not be contributing to the petroleum hydrocarbon contamination detected in the soil in this area.

The analytical results of the soil samples collected in the southern area at KB-3, KB-4 and associated borings KB-4A through KB-4E indicate that petroleum hydrocarbon contamination the southern area is migrating from the property to the east.

In 2009, Wareham Property Group entered into the Voluntary Cleanup Program with the California Department of Toxic Substances Control (DTSC) for oversight of soil removal activities during redevelopment. DTSC is the regulatory oversight agency for the impacted soil not associated with the USTs.

To address Site contamination issues, Treadwell & Rollo prepared a Site Management Plan (SMP) dated 16 February 2010, which describes measures to be taken during redevelopment to see that historic use-

related substances are removed in a safe and protective manner during construction. This plan was submitted to and approved by DTSC on 21 March 2010; DTSC stated that the proposed scope of work was acceptable and that construction could begin. DTSC also requested a post-excavation report documenting Site soil excavation and disposal, and describing residual soil conditions. This report will be prepared when all excavation activities have been completed.

Residential Screening Levels (residential California Human Health Screening Level [CHSSL] for lead) were set as the cleanup levels for soil in the Site to the maximum depth of the redevelopment excavation within the area of the planned garage. The cleanup levels established for soil at the Site are: TPHg and TPHd at 83 mg/kg, TPHmo at 370 mg/kg, total lead at 80 mg/kg, and SVOCs cleanup levels vary per compound.

ACEH is the lead oversight agency for the former UST closures, including petroleum hydrocarbon constituents in soil or groundwater associated with the former USTs. On 17 September 2010, a *Case Closure Summary, Hydraulic Electro Service, 5812 Hollis Street, Emeryville, California Fuel Leak Case Number RO0000201* was prepared by Treadwell & Rollo and submitted to ACEH requesting UST case closure of the Site. In December 2010, a meeting was held at ACEH to discuss the Site redevelopment and what was needed to obtain case closure of the former USTs. In a letter dated 23 December 2010, ACEH stated that it would consider UST case closure after the SMP had been implemented and completed, and verification sampling at the base of the excavation at the locations of the former USTs confirmed that petroleum hydrocarbons are below the cleanup levels stated in the SMP. ACEH also requested that groundwater samples be collected from the dewatering system prior to treatment to assess any groundwater contamination. These samples were collected in compliance with National Pollutant Discharge Elimination System (NPDES) permit requirements, and are reported below.

RECENTLY COMPLETED EXCAVATION ACTIVITIES

Currently, a four-story commercial building overlying one level of subgrade parking is being constructed at the Site. As part of the Site development plans, the Site has been excavated to approximately 15 feet bgs, with the excavation extending to just beyond the property lines to the east and west. Deeper excavations have been performed in limited areas to remove soil containing contaminants above cleanup goals established in the Site Management Plan.

The building will encompass approximately two-thirds of the property. The remaining one-third of the property (the southern portion) will be transferred to the City of Emeryville to tie in to an existing greenway running along the adjacent eastern property boundary.

Based on information provided to us by DPR and PSEC, approximately 32,020 tons of soil have been excavated and removed from the Site. A total of approximately 17,700 tons of Class II non-hazardous waste was disposed of at Altamont Landfill in Livermore, California, approximately 1,320 tons of Class III non-hazardous waste went to the Dumbarton Quarry (DQA) Landfill in Fremont, California, and approximately 13,000 tons of Class III non-hazardous waste went to Curtner Quarry Landfill in Milpitas, California.

CONFIRMATION SOIL SAMPLING

As stated in the approved SMP, confirmation testing of the Site excavation sidewalls and bottom were required by DTSC and the ACEH to determine the post-excavation soil conditions that would remain beneath the concrete mat foundation and behind the concrete foundation walls. Soil samples were collected with a drive sampler containing 2" x 6" stainless steel tubes, capped with Teflon™ sheeting and plastic caps, labeled, and placed in an ice-chilled cooler. Samples were submitted to McCampbell Analytical, Inc., a California-certified analytical laboratory in Pittsburg, California under chain-of-custody protocol and documentation.

In accordance with the SMP, the sidewall and bottom samples were analyzed for TPHg by EPA Method 8015M, TPH-d and as TPH-mo by EPA Method 8015M with silica gel cleanup by EPA Method 3630C; semi-volatile organic compounds (SVOCs) by EPA Method 8270; and total lead. The bottom samples collected beneath the former USTs were also analyzed for benzene, toluene, ethyl benzene, xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8015Bm.

A total of thirty sidewall samples (Figure 3) were collected at the Site with fifteen sidewall samples (P5-1 through P5-15) collected at 5 feet bgs and fifteen sidewall samples (P10-1 through P10-15) collected at 10 feet bgs between the period of 5 April 2011 through 18 April 2011. A total of sixteen bottom samples (Figure 3) were collected at approximately 15 feet bgs (B-1-15 through B-16-15) and one sample at the base of the elevator pit at approximately 21 feet bgs (EP-1-21). Based on analytical results of two of the soil samples (B-1-15 and B-15-15), over-excavation was performed in those areas and additional samples were collected to depths of 17 feet and 20 feet bgs (B-1-17 and B-15-20) between the periods of 15 April 2011 through 5 May 2011.

SOIL ANALYTICAL RESULTS

The soil analytical results are presented in Tables 1 and 2 and the certified analytical laboratory reports and chain-of-custody records are presented in Appendix A. The soil sample locations are shown on Figure 2.

Former UST Locations

Analytical results of the soil sample B-1-15, collected beneath the former USTs located in the northern area of the Site that was removed in 1989, detected TPHg at a concentration of 5.2 mg/kg, TPHd at 210 mg/kg, TPHmo at 160 mg/kg, and total lead at 6.6 mg/kg. No BTEX or MTBE were detected at or above the method reporting limit. As the TPHd result was greater than the cleanup level of 83 mg/kg, over-excavation was performed in an area approximately 15 feet by 15 feet by 2 feet in depth. An additional bottom soil sample, B-1-17, was collected at a depth of approximately 17 feet bgs and did not detect TPHg, TPHd, TPHmo, BTEX or MTBE at or above method reporting limits. Total lead was detected at a concentration of 5.2 mg/kg.

Analytical results of the soil sample collected beneath the former UST in the center-eastern area of the Site (B-11-15) did not detect TPHg, TPHd, TPHmo, BTEX or MTBE at or above method reporting limits. Total lead was detected at a concentration of 7.3 mg/kg.

Sidewall Samples

Of the thirty sidewall samples collected and analyzed, only four of the samples detected constituents above the established cleanup levels. Sidewall sample P5-11 detected TPHg at a concentration of 580 mg/kg, TPHd at 13,000 mg/kg, and TPHmo at 5,500 mg/kg. Sidewall samples P10-9 and P10-15 detected TPHd at concentrations of 100 mg/kg and 370 mg/kg, respectively. Sidewall sample P5-10 detected low levels of some SVOCs which were above the cleanup levels, specifically benzo(a)anthracene at a concentration of 0.42 mg/kg, benzo(k)fluoranthene at 0.49 mg/kg, beno(a)pyrene at 0.79mg/kg, indeno(1,2,3-cd)pyrene at 0.68 mg/kg, and benzo(b)fluoranthene at 0.60 mg/kg,

Bottom Samples Not Associated with Former USTs

A total of fourteen bottom samples (B-2 through B-10 and B-12 through B-16) were collected throughout the Site at a depth of 15 feet bgs and one sample from the bottom elevator pit (EP-1) was collected at a depth of 21 feet bgs and analyzed; only one of the samples detected TPHd above the established cleanup level of 83 ug/kg. Sample B-15-15 detected TPHd at a concentration of 630 mg/kg; over-excavation was performed and an additional bottom sample was collected at a depth of 17.5 feet bgs. Sample B-15-17.5 detected TPHd at a concentration of 270 mg/kg, also above the cleanup level. The excavation was extended to a depth of 19 feet bgs and an additional sample was collected B-15-19 which detected TPHd at a concentration of 100 mg/kg. The excavation was then extended to 20 feet bgs and another bottom sample was collected. TPHd was detected at a concentration of 2.8 mg/kg, which is well below the cleanup level. Based on this result, the total area over-excavated and removed from the sample location B-15 was approximately 20 feet by 20 feet by 5 feet in depth, containing approximately 74 cubic yards of soil.

Petroleum hydrocarbons were found at concentrations below the cleanup goals in excavation bottom confirmation samples taken in the southern portion of the Site in the area previously occupied by the building. These isolated locations of petroleum hydrocarbons are not associated with the Site USTs. The petroleum hydrocarbons may have migrated in groundwater from the property immediately to the east at 1350 Powell Street. The western portion of this property, located along the eastern boundary and hydraulically up gradient of the Site, was previously used as a bulk oil storage facility from the 1930 to 1950s and a distributor of bottled compressed gas from 1957 to 2002. Four above-ground storage tanks (ASTs) were used at the property until the 1950s. Two fuel USTs were used at the property from the 1940s until 1987. The eastern portion of the property was previously occupied by a much larger Pennzoil petroleum storage and canning plant.

According to reports on file with the ACEH, previous environmental investigations identified the presence of petroleum hydrocarbons in surface soils throughout the 1350 Powell Street property. Groundwater perched within the upper 10 feet of soil was also impacted with petroleum hydrocarbons. The former USTs were the sources for releases of gasoline and diesel in the southern portion of the property.

The former ASTs were the sources of releases of the heavier, predominantly diesel-range hydrocarbons in the central and northern portion of the property.

As part of the redevelopment of the former bulk petroleum property, approximately 16,388 tons of hydrocarbon-impacted soils were removed during site cleanup activities. Most of the property was excavated to 10 feet bgs, and portions of the south property were excavated to 13 and 16 feet bgs.

Soil remediation goals for 1350 Powell Street were established by ACEH and the Regional Water Quality Control Board (RWQCB) and were as follows:

- TPH in soil – less than 1,000 mg/kg in soil
- TPH in groundwater – less than 10,000 ug/L

In 2003, after remediation was complete, construction began on 25 high density townhomes at the site with a slab on grade foundation system.

GROUNDWATER ANALYTICAL RESULTS

The Site currently has a NPDES permit (CAG912002) from the San Francisco Bay Regional Water Quality Control Board (RWQCB) in place and is operating an excavation dewatering system consisting of 20 perimeter dewatering wells which are pumped through a collection system to one 20,000-gallon baffled settling tank to remove suspended solids. Water is then pumped through two 1,000-pound activated carbon adsorption units arranged in series prior to discharge Emeryville's storm drain system. The settling tank and carbon units are located on Hollis Street adjacent to the Site. Per the NPDES permit, influent and effluent are analyzed for petroleum hydrocarbons, VOCs, SVOCs, metals, pH, total dissolved solids, and turbidity, initially on a monthly basis and subsequently reduced to quarterly.

The groundwater analytical results are presented in Tables 3 and 4 and the certified analytical laboratory reports and chain-of-custody records are presented in Appendix A. As of 26 April 2011, a total of four influent samples have been collected. Analytical results of the initial water sample (DW-1-2/8/11) detected TPHg at a concentration of 63 ug/L, TPHd at 97 ug/L, toluene at 1.4 ug/L and total xylenes at 2.0 ug/L. No benzene, ethylbenzene, or MTBE were detected at or above the method report limits. Analytical results of the water sample INF-001 – 2/28/11 detected TPHmo at a concentration of 51 ug/L and toluene at 0.25 ug/L. No TPHg, TPHd, benzene, ethylbenzene, total xylenes, or MTBE were detected at or above method reporting limits. TPHd was the only constituent detected at or above the method reporting limits in sample INF-001- 3/7/11 at a concentration of 24 ug/L. Influent sample DW-1-4/26/11 collected on 26 April 2011 contained no petroleum constituents at or above the method reporting limits.

SUMMARY

This summary of environmental conditions has been prepared to support our request for case closure for USTs and associated contamination at the EmeryStation Greenway Site, which were submitted to ACEH on 17 September 2010 and 11 May 2011.

EmeryStation Greenway Site

The results of soil and groundwater samples collected over the course of the investigations that preceded the recent excavation identified soil contamination associated with the historic USTs as occurring in close proximity to the former tanks themselves. The recently completed excavation extended well past the locations of these USTs, farther than the borings from which the samples delineating UST impact had been drilled. After additional over-excavation activities, all the bottom sample analytical results were below the established remedial goals for the Site. Analytical results of four sidewall samples detected constituents above the remedial goals. However, these sidewall samples were collected outside the Site's property boundaries along Hollis Street and the City of Emeryville's Greenway Park to the east. Based on these results and the approved SMP for the Site, DTSC may choose to impose a deed restriction on the property.

Low levels of TPHg, TPHd, and TPHmo below the remedial goals were detected in some of the sidewall and bottom samples, mainly located in the southern area of the Site and not in proximity to the USTs. One southern Site sidewall sample, P-5-11, contained moderate concentrations of residual hydrocarbons above established cleanup goals. This sidewall sample is also distant from the location of the former USTs and separated from the USTs by a documented area that is free of significant petroleum hydrocarbons. The sidewall sample with the highest concentration of residual hydrocarbons is located down gradient from the former bulk fuel plant to the east. It is more plausible to consider this up gradient property as a source for the hydrocarbons in this sidewall sample than a release from the southern UST on the Site.

In our opinion, any contaminants in groundwater potentially present at the EmeryStation Greenway Site in association with releases from the historic site USTs have been removed and treated by the construction dewatering system, based on the dewatering influent results for. During the mass excavation activities, residual petroleum hydrocarbons in the soil that could have re-contaminated groundwater following cessation of dewatering system have been removed. All hydrocarbons associated with the former USTs have been removed from the Site.

The DTSC oversees the non-UST aspects of this project, including those aspects associated with possible residual impact from offsite sources. The DTSC will review sidewall sample documentation and determine what, if any, additional activity is required in this area of the Site.

CONCLUSION

Based on the recent and previous analytical results described above, it is our opinion that administrative case closure for the USTs at the EmeryStation Greenway Site is warranted and request ACEHs concurrence.

If you have any questions or require additional information, please contact Peter J. Cusack at 415-955-5244 or by email at: pjcusack@treadwellrollo.com.

Sincerely yours,
TREADWELL & Rollo, A LANGAN COMPANY

Peter J. Cusack. REA I
Associate

Grover Buhr, P.G.
Senior Geologist

PROFESSIONAL GEOLOGIST
GROVER BUHR
No. 5596
STATE OF CALIFORNIA

730482302.04 PJC

Attachments

References

Alameda County Environmental Health Services, *No Further Action Letter for Case #RO0002506, Balaam Brothers Property at 1350 Powell Street, Emeryville, CA*; 28 February 2003.

Cambria Environmental Technology, Inc., *Post-Remediation Excavation-Floor Sampling Report and Environmental Risk Assessment, Balaam Brothers Property, 1350 Powell Street, Emeryville, CA*; 26 February 2003.

Cambria Environmental Technology, Inc., *Corrective Action Plan, Balaam Brothers Property, 1350 Powell Street, Emeryville, CA*; 3 July 2002.

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TABLES

Table 1
Confirmation Soil Samples
Analytical Results for Petroleum Hydrocarbons
EmeryStation Greenway
5812 Hollis Street
Emeryville, California
Project: 730482302

Sample ID	Depth feet	Date Sample	TPHg	TPHd	TPHmo	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	SVOC
			mg/kg								
Sidewall Samples											
P5-1	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-2	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-3	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-4	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-5	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-6	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-7	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-8	5	04/05/11	< 1.0	1.6	6.9	--	--	--	--	--	ND
P5-9	5	04/05/11	< 1.0	6.5	14	--	--	--	--	--	ND
P5-10	5	04/05/11	< 1.0	8.9	11	--	--	--	--	--	**1**
P5-11	5	04/05/11	**580**	**13,000**	**5,500**	--	--	--	--	--	ND
P5-12	5	04/05/11	< 1.0	4.0	< 5.0	--	--	--	--	--	ND
P5-13	5	04/05/11	< 1.0	2.4	< 5.0	--	--	--	--	--	ND
P5-14	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P5-15	5	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-1	10	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-2	10	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-3	10	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-4	10	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-5	10	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-6	10	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-7	10	04/05/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-8	10	04/18/11	< 1.0	1.8	< 5.0	--	--	--	--	--	ND
P10-9	10	04/18/11	6.2	**100**	52	--	--	--	--	--	ND
P10-10	10	04/18/11	< 1.0	2.5	< 5.0	--	--	--	--	--	ND
P10-11	10	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-12	10	04/15/11	14	28	13	--	--	--	--	--	ND
P10-13	10	04/08/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-14	10	04/08/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
P10-15	10	04/05/11	3.8	**370**	160	--	--	--	--	--	ND
Bottom Samples											
B-1-15	15	04/15/11	5.2	**210**	160	< 5.0	< 0.5	< 0.5	< 0.5	< 0.5	ND
B-1-17	17	04/26/11	< 1.0	< 1.0	< 5.0	< 0.05	< 0.005	< 0.005	< 0.005	< 0.005	ND
B-2-15	15	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-3-15	15	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-4-15	15	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-5-15	15	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-6-15	15	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-7-15	15	04/15/11	4.1	45	120	--	--	--	--	--	ND
B-8-15	15	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-9-15	15	04/15/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-10-15	15	04/18/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
B-11-15	15	04/18/11	< 1.0	< 1.0	< 5.0	< 0.05	< 0.005	< 0.005	< 0.005	< 0.005	ND
B-12-15	15	04/18/11	< 1.0	1.8	< 5.0	--	--	--	--	--	ND
B-13-15	15	04/18/11	< 1.0	10	< 5.0	--	--	--	--	--	ND
B-14-15	15	04/18/11	3.5	52	44	--	--	--	--	--	ND
B-15-15	15	04/18/11	21	**630**	240	--	--	--	--	--	ND
B-15-17.5	17.5	04/28/11	79	**270**	61	--	--	--	--	--	ND
B-15-19	19	05/03/11	27	**100**	31	--	--	--	--	--	ND
B-15-20	20	05/05/11	< 1.0	2.8	< 5.0	--	--	--	--	--	ND
B-16-15	15	04/18/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
EP-1	21	04/20/11	< 1.0	< 1.0	< 5.0	--	--	--	--	--	ND
Cleanup Goals for the Site (mg/kg) (Residential ESL, Shallow Soil, Groundwater is Drinking Water Resource)			83	83	370	NA	NA	NA	NA	NA	Various

Notes:
mg/kg - milligrams per kilograms
TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M
TPHd - Total Petroleum Hydrocarbons as Diesel Range, EPA Method 8015M
TPHmo - Total Petroleum Hydrocarbons as Motor Oil, EPA Method 8015M
MTBE - Methyl Tert-Butyl Ether, EPA Method 8260B
Benzene, Toluene, Ethylbenzene, and Xylenes, EPA Method 8260B
SVOC - semi-volatile organic compounds, EPA Method 8270
Concentration listed in **bold** indicate an exceedance of applicable cleanup levels.
NA - Not Applicable

[1] - **0.42** mg/kg Benzo(a)anthracene, **0.49** mg/kg Benzo(k)fluoranthene, **0.79**mg/kg Beno(a)pyrene, 0.51 mg/kg Chrysene, 1.1 mg/kg Flouranthene, **0.68** mg/kg Indeno(1,2,3-cd)pyrene, **0.60** mg/kg Benzo(b)fluoranthene, 1.2 mg/kg Benzo(g,h,i)perylene, 0.48 mg/kg Phenanthrene, and 1.9 mg/kg Pyrene are detected in P5-10.

Table 2
Confirmation Soil Samples
Analytical Results for Total Lead
EmeryStation Greenway
5812 Hollis Street
Emeryville, California
Project: 730482302

Sample ID	Depth interval feet	Date Sampled	Lead
			(mg/kg)
Sidewall Samples			
P5-1	5	04/05/11	7.8
P5-2	5	4/5/2011	8.6
P5-3	5	4/5/2011	< 5.0
P5-4	5	4/5/2011	7.8
P5-5	5	4/5/2011	8.9
P5-6	5	4/5/2011	10
P5-7	5	4/5/2011	5.1
P5-8	5	4/5/2011	14
P5-9	5	4/5/2011	8.6
P5-10	5	4/5/2011	15
P5-11	5	4/5/2011	7.5
P5-12	5	04/05/11	8.3
P5-13	5	04/05/11	6.4
P5-14	5	04/05/11	6.2
P5-15	5	04/05/11	8.4
P10-1	10	04/05/11	9.5
P10-2	10	04/05/11	< 5.0
P10-3	10	04/05/11	7.1
P10-4	10	04/05/11	< 5.0
P10-5	10	04/05/11	< 5.0
P10-6	10	04/05/11	8
P10-7	10	04/05/11	6
P10-8	10	04/18/11	11
P10-9	10	04/18/11	9.9
P10-10	10	04/18/11	12
P10-11	10	04/15/11	13
P10-12	10	04/15/11	5.1
P10-13	10	04/08/11	8.7
P10-14	10	04/08/11	9.3
P10-15	10	04/05/11	6.3
Bottom Samples			
B-1-15	15	04/15/11	6.6
B-1-17	17	04/26/11	5.2
B-2-15	15	04/15/11	5.6
B-3-15	15	04/15/11	8.4
B-4-15	15	04/15/11	12
B-5-15	15	04/15/11	7.8
B-6-15	15	04/15/11	5.7
B-7-15	15	04/15/11	8.6
B-8-15	15	04/15/11	11
B-9-15	15	04/15/11	7.6
B-10-15	15	04/18/11	< 5.0
B-11-15	15	04/18/11	7.3
B-12-15	15	04/18/11	8.2
B-13-15	15	04/18/11	13
B-14-15	15	04/18/11	7.6
B-15-15	15	04/18/11	7.2
B-15-17.5	17.5	04/28/11	9.1
B-16-15	15	04/18/11	7.0
EP-1	21	04/20/11	8.6
Cleanup Goals for Lead (mg/kg) (Residential California Human Health Screen Level [CHSSL])			**80**

Notes:
mg/kg - milligrams per kilograms
< 5.0 - Analyte was not detected above the laboratory reporting limit (5.0 mg/kg).

Table 3
Confirmation Influent Groundwater Samples
Analytical Results for Petroleum Hydrocarbons
EmeryStation Greenway
5812 Hollis Street
Emeryville, California
Project: 730482302

Sample ID	Date Sampled	TPHg	TPHmo	TPHd	Benzene	ethylbenzene	Toluene	Total Xylenes	MTBE
		µg/L							
DW-1	02/08/11	63	--	97	< 0.5	< 0.5	1.4	2.0	< 0.5
INF-001	02/28/11	< 51	51 J B	< 52	< 0.5	< 0.5	0.25 J	< 1.0	< 0.5
INF-001	03/07/11	< 51	< 100	24 J B	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5
DW-1	04/26/11	< 50	< 250	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Notes:

All results are reported in microgram per liter (µg/L)
TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M
TPHmo - Total Petroleum Hydrocarbons as Moto OIl Range (C10-C23), EPA Method 8015M
TPHd - Total Petroleum Hydrocarbons as Diesel Range (C10-C23), EPA Method 8015M
MTBE - Metyl Tertiary Butyl
-- Not Analyzed
J - J-flag by laboratroy, indicating estimated concentration is below reporting limit but above method detection limit
B - compound was found in the blank and sample
< 0.5 - Analyte was not detected above the laboratory reporting limit (0.5 µg/L)
ND - Not detected at or above the laboratory reporting limit

Treadwell&Rollo
A LANGAN COMPANY

FIGURES

Base map: The Thomas Guide
Alameda County
1999

0 1/4 1/2 Mile

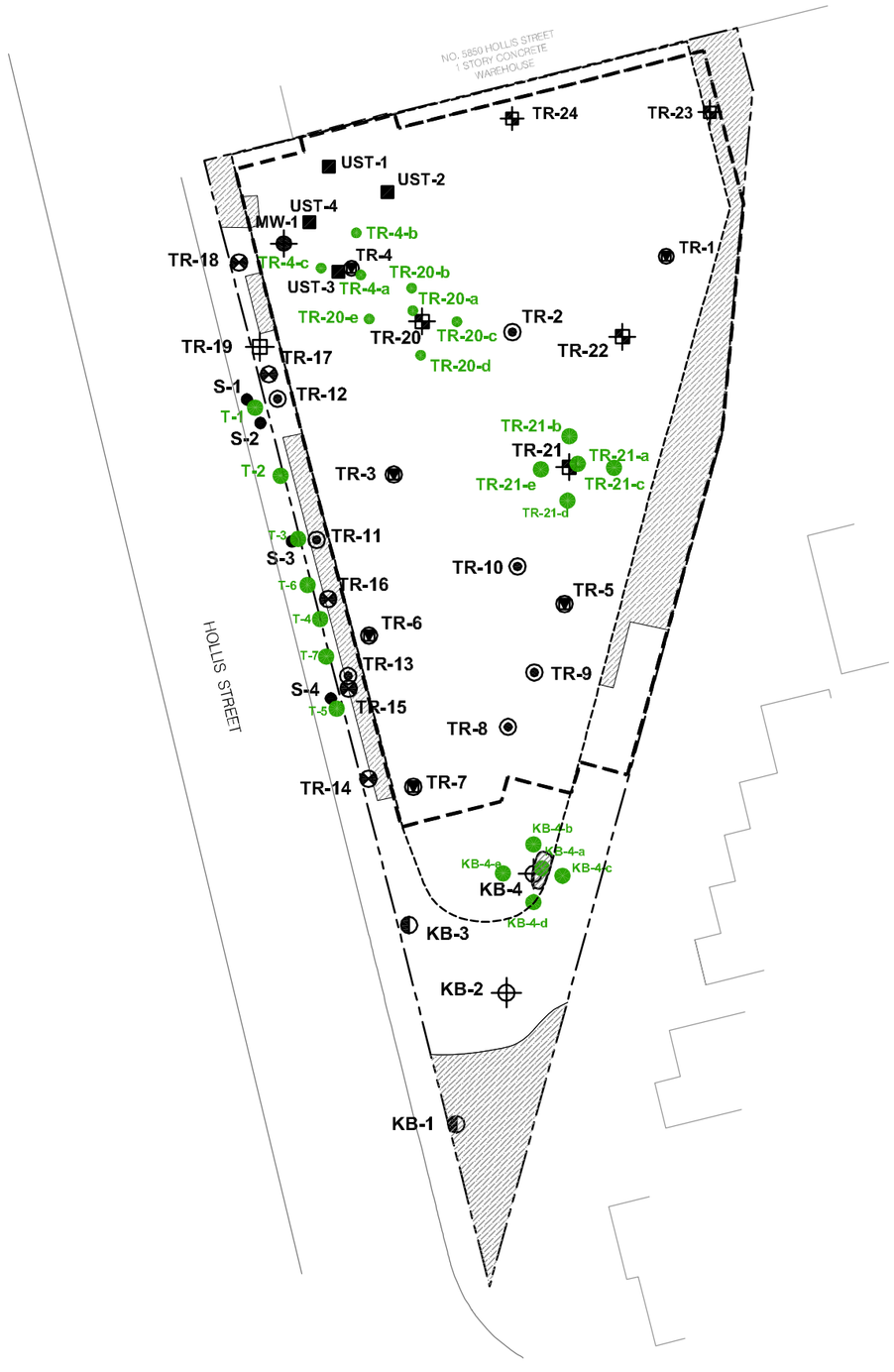
Approximate scale

EMERYSTATION GREENWAY
5812 HOLLIS STREET
Emeryville, California

Treadwell&Rollo
A LANGAN COMPANY

SITE LOCATION MAP

Date 05/02/11	Project No.730482302	Figure 1



EXPLANATION

- Soil sampling location by Treadwell & Rollo, April 2008
- Soil and groundwater sampling location by Treadwell & Rollo., January 2008
- Monitoring well installed by Summit Engineering, 1993
- Groundwater sampling locations by Treadwell & Rollo, Inc., March 2008
- Soil sampling locations by Treadwell & Rollo, Inc., January 2008
- Soil and groundwater sampling location by Treadwell & Rollo, Inc., April 2008
- Soil and groundwater sampling locations by Kleinfelder in March 2009
- Previous composited soil sampling locations by Kleinfelder in 2006
- Soil sampling location by Kleinfelder in March 2009
- Exceeds State Hazardous Waste threshold of 1,000 mg/kg total lead
- Soil sampling locations by Treadwell & Rollo, Inc., July 2009
- Soil and groundwater sampling location by Treadwell & Rollo, Inc., April 2008

---- Property boundary

– – – – Excavation limits

-------- Proposed overlying building

(Ft) bgs - Feet below ground surface
TTLC - Total threshold Limit Concentration
STLC - Soluble Threshold Limit Concentration
TCLP - Toxicity Characteristics Leaching procedure

* Concentration represents composite surface soil sample from S1 to S4.

Soil concentration of TPH-d exceeding 4,200 mg/kg

N

0 30 Feet
Approximate scale

ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

PREVIOUS SAMPLING LOCATION

Date 05/17/11 | Project No. 730482302 | Figure 2

Treadwell&Rollo
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Reference: www.terraserver-usc.com, 2006.

\\Langan.com\data\SF\data3\730482302\Cadd Data - 730482302\2D-DesignFiles\Environmental\730482302-N-SP0102.dwg 5/17/11

Existing Building

P5-1
P10-1

P5-2
P10-2

P5-3
P10-3

P5-4
P10-4

P5-5
P10-5

B-16-15

EP-1-21

B-3-15

B-2-15

B-1-15
B-1-17

P5-6
P10-6

P5-15
P10-15

B-6-15

B-5-15

P5-7
P10-7

B-4-15

P5-14
P10-14

B-9-15

B-8-15

P5-8
P10-8

B-7-15

P5-13
P10-13

B-11-15

P5-9
P10-9

B-10-15

P5-12
P10-12

B-13-15

Hollis Street

B-12-15

P5-10
P10-10

B-15-15
B-15-17.5
B-15-19
B-15-20

P5-11
P10-11

B-14-15

Legend

Confirmation Sample Location

Former UST Location with Overexcation Limits

Existing Building Footprint

Walkway

Road Edge

N

0 15 30 60

Feet

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EMERYSTATION GREENWAY
5812 HOLLIS SREET
Emeryville, California

Treadwell&Rollo
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CONFIRMATION SOIL SAMPLING LOCATIONS

Date 05/05/11	Project 73048230	Figure 3

Treadwell&Rollo
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APPENDIX A

Table 1.
ORGANIC COMPOUNDS IN SOIL
ALDERS PROPERTY
5812 Hollis Street
Emeryville, California

Sample ID	Depth	Date Sampled	TPH-g	TPH-d	TPH-mo	PCBs	SVOCs	VOCs
	feet bgs		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
S-1 through S-4	Surface, Composite	4/7/2006	--	**960**	**5600**	Aroclor 1260 = 0.2	ND	Methylene chloride = 0.038
TR-1	0.5-1.0	1/22/2008	< 0.100	11.0x	114x	ND	Fluoranthene = 64.3; **Indeno(1,2,3-cd)pyrene = 78.4**; Pyrene = 79.4; Other SVOCs = ND	Naphthalene = 0.039e; Other VOCs = ND
	5.0-5.5	1/22/2008	< 0.100	< 2.0	< 4.0	--	--	ND
TR-2	1.5-2.0	1/22/2008	--	< 2.0	< 4.0	ND	ND	ND
	5.0-5.5	1/22/2008	--	< 2.0	< 4.0	--	--	ND
TR-3	3.0-3.5	1/22/2008	--	< 2.0	< 4.0	ND	ND	ND
	5.0-5.5	1/22/2008	--	< 2.0	< 4.0	--	--	ND
TR-4	1.5-2.0	1/22/2008	< 0.100	34.2x	309x	Aroclor 1260 = 0.61j; All other PCBs = ND	Benzo(g,h,i)perylene = 134; Fluoranthene = 183; **Indeno(1,2,3-cd)pyrene = 186;** Pyrene = 214; Others SVOCs = ND	ND
	5.0-5.5	1/22/2008	0.44y	57.4x	58.4x	--	ND	ND
TR-5	1.0-1.5	1/22/2008	--	70.0x	209x	ND	ND	ND
	5.0-5.5	1/22/2008	--	< 2.0	< 4.0	--	--	ND
TR-6	1.0-1.5	1/22/2008	--	< 2.0	75.2	ND	ND	Naphthalene = 0.052; Other VOCs = ND
	5.0-5.5	1/22/2008	--	< 2.0	< 4.0	--	--	ND
TR-7	1.0-1.5	1/22/2008	--	< 2.0	< 4.0	ND	ND	ND
	5.0-5.5	1/22/2008	--	< 2.0	< 4.0	--	ND	ND
TR-8	1.5-2.0	1/23/2008	--	< 2.0	< 4.0	ND	ND	ND
	5.0-5.5	1/23/2008	--	< 2.0	< 4.0	--	--	ND
TR-9	1.5-2.0	1/23/2008	--	< 2.0	< 4.0	ND	Benz(a)anthracene = 0.620; **Benzo(a)pyrene = 1.11**; **Benzo(b)fluoranthene = 1.55**; Benzo(k)fluoranthene = 0.455; Benzo(g,h,i)perylene = 0.619; Chrysene = 0.684; Fluoranthene = 2.56; Indeno(1,2,3-cd)pyrene = 0.512; Phenanthrene = 1.13; Pyrene = 2.93; Other SVOCs= ND	ND
	5.0-5.5	1/23/2008	--	< 2.0	< 4.0	--	--	All ND
TR-10	1.5-2.0	1/23/2008	--	20.4x	215x	ND	**Benzo(a)pyrene = 119**; **Benzo(b)fluoranthene = 160**; Fluoranthene = 281; **Indeno(1,2,3-cd)pyrene = 155**; Phenanthrene = 196; Pyrene = 354; Other SVOCs = ND	Naphthalene = 0.160; All others = ND
	5.0-5.5	1/23/2008	--	< 2.0	< 4.0	--	ND	ND
	10.0-10.5	1/23/2008	--	--	--	--	--	--
TR-11	1.0-1.5	1/23/2008	--	--	--	--	--	--
TR-12	1.0-1.5	1/23/2008	--	--	--	--	--	--
TR-13	1.0-1.5	1/23/2008	--	--	--	--	--	--
TR-19	2.5-3.0	4/17/2008	< 0.100	< 2.0	22.0	ND	ND	ND
	5.0-5.5	4/17/2008	< 0.100	< 2.0	< 4.0	--	--	ND
TR-20	2.5-3.0	4/17/2008	--	50.7x	226x	ND	ND	Naphthalene = 0.071 by EPA 8260 and ND by EPA 8270; All others = ND
	5.0-5.5	4/17/2008	--	< 2.0	< 4.0	--	--	ND
TR-21	2.5-3.0	4/17/2008	--	**899x**	**1260x**	ND	**Benz(a)anthracene = 182**; **Benzo(a)pyrene = 316**; **Benzo(b)fluoranthene = 399**; Fluoranthene = 831; **Naphthalene = 308**; Phenanthrene = 663; Pyrene = 1,190; Other SVOCs = ND	**Naphthalene = 20**; All others = ND
	5.0-5.5	4/17/2008	--	< 2.0	4.15	--	--	ND
	10.0-10.5	4/17/2008	--	--	--	--	--	ND
TR-22	2.5-3.0	4/17/2008	--	248x	485x	ND	Fluoranthene = 189; Pyrene = 296; Other SVOCs = ND	Naphthalene = 0.076 by EPA 8260 and ND by EPA 8270; All others = ND
	5.0-5.5	4/17/2008	--	< 2.0	< 4.0	--	--	ND
TR-23	2.5-3.0	4/17/2008	< 0.100	< 2.0	< 4.0	ND	ND	ND
	5.0-5.5	4/17/2008	< 0.100	< 2.0	< 4.0	--	--	ND
TR-24	2.5-3.0	4/17/2008	< 0.100	< 2.0	71.3	ND	ND	ND
	5.0-5.5	4/17/2008	< 0.100	< 2.0	< 4.0	--	--	ND
KB-1	2.5-3.0	3/12/2009	--	2.8[1], <0.99[2]	< 50[1], < 50[2]	< 0.050	ND	ND
	5.0-5.5	3/12/2009	--	7.6[1], <0.99[2]	< 50[1], < 50[2]	< 0.050	ND	ND
	10.0-10.5	3/12/2009	--	1.6[1], 1.3[2]	< 49[1], < 50[2]	< 0.050	ND	ND
KB-2	2.0-2.5	3/12/2009	--	2.0[1], 5.9[2]	< 49[1], < 50[2]	< 0.050	ND	ND
	5.0-5.5	3/12/2009	--	< 1.0[1], <0.99[2]	< 50[1], < 50[2]	< 0.050	ND	ND
	10.0-10.5	3/12/2009	--	650[1], 370[2, 3]	< 250[1], < 50[2]	< 0.050	ND	n-Butylbenzene = 0.012 sec-Butylbenzene = 0.046 Naphthalene = 0.014 Other SVOCs = ND
KB-3	2.5-3.0	3/12/2009	--	3.0[1], 1.7[2]	< 50[1], < 49[2]	< 0.050	Fluoranthene = 0.15 Pyrene = 0.20 Benzo[b]fluoranthene = 0.13 Benzo[a]pyrene = 0.094 Indeno[1,2.3-cd]pyrene = 0.075 Benzo[g,h,i]perylene = 0.12 Other SVOCs = ND	ND
	5.0-5.5	3/12/2009	--	< 0.99[1], <0.99[2]	< 50[1], < 50[2]	< 0.050	ND	ND
	10.0-10.5	3/12/2009	--	38[1], 31[2]	< 49[1], < 49[2]	< 0.050	ND	ND
KB-4	2.5-3.0	3/12/2009	--	< 0.99[1], <1.0[2]	< 49[1], < 50[2]	< 0.050	ND	ND
	7.0-7.5	3/12/2009	--	**1,300[1], 730[2]**	< 490[1], < 250[2]	< 0.050	ND	sec-Butylbenzene = 0.021 Other SVOCs = ND
	10.0-10.5	3/12/2009	--	450[1], 390[2, 3]	< 250[1], < 49[2]	< 0.050	ND	ND
KB-4A	8.5-9.0	7/8/2009	--	400 [1,e1]	--	--	--	--
	9.0-9.25	7/8/2009	--	4,900 [1,e1]	--	--	--	--
KB-4B	6.5-7.0	7/8/2009	--	570 [1,e1]	--	--	--	--
	8.5-9.0	7/8/2009	--	1,600 [1,e1]	--	--	--	--
	10.5-11.0	7/8/2009	--	81 [1,e1]	--	--	--	--
KB-4C	10.5-11.0	7/8/2009	--	3.9 [1,e1]	--	--	--	--
KB-4D	7.5-8.0	7/8/2009	--	270 [1,e1]	--	--	--	--
	8.5-9.0	7/8/2009	--	410 [1,e1]	--	--	--	--
	9.5-10.0	7/8/2009	--	45 [1,e1]	--	--	--	--
KB-4E	10.0-10.5	7/8/2009	--	13 [1,e1]	--	--	--	--
T1	0-0.5	7/8/2009	--	270 [1,e2], 320 [2,e2, e7]	1,400 [1,e7], 1,400 [2,e2,e7]	--	--	--
T2	0-0.5	7/8/2009	--	20 [1,e2]	60 [1,e7]	--	--	--
T3	0-0.5	7/8/2009	--	60 [1,e2], 68 [2,e2,e7]	190 [1,e7], 210 [2,e2,e7]	--	--	--
T4	0-0.5	7/8/2009	--	4.7 [1,e2]	19 [1,e7]	--	--	--
T5	0-0.5	7/8/2009	--	2.9 [1,e2]	15 [1,e7]	--	--	--
T6	0-0.5	7/8/2009	--	11 [1,e2]	58 [1,e7]	--	--	--
T7	0-0.5	7/8/2009	--	170 [1,e2], 100 [2,e2,e7]	750 [1,e7], 520 [2,e2,e7]	--	--	ND
	2.0-2.5	7/8/2009	--	<1.0	<5.0	--	--	--
UST-1	8-8.5	7/6/2009	<0.25	15 [e3, e7]	16 [e3, e7]	--	--	ND
	15-15.2	7/6/2009	<0.25	<1.0	<5.0	--	--	ND
	19.5-20	7/6/2009	<0.25	15 [e3, e7]	11 [e3, e7]	--	--	ND
	20-20.5	7/6/2009	<1.0	<1.0	<5.0	--	--	ND
	24-25	7/6/2009	<1.0	<1.0	<5.0	--	--	ND
UST-2	11.5-12	7/6/2009	<0.25	17 [e2, e7]	44 [e2, e7]	--	--	ND
	19.5-20	7/6/2009	<0.25	<1.0	<5.0	--	--	ND
	27.5-28	7/6/2009	<0.25	1.0 [e2, e7]	9.5 [e2, e7]	--	--	ND
UST-3	4.5-5	7/6/2009	<0.25	<1.0	7.5 [e7]	--	--	ND
	7.5-8	7/6/2009	0.86	530 [e2, e7]	290 [e2, e7]	--	--	ND
	13.5-14	7/6/2009	0.46	110 [e3, e7]	66 [e3, e7]	--	--	ND
	15-15.5	7/6/2009	<0.25	<1.0	<5.0	--	--	--
UST-4	8.5-9.0	7/6/2009	1.9	260 [e3, e7]	190 [e3, e7]	--	--	ND
	10-10.5	7/6/2009	0.81	290 [e3, e7]	160 [e3, e7]	--	--	ND
	15-15.5	7/6/2009	<0.25	1.8 [e2]	<5.0	--	--	ND
KB-4 Drum	NA	7/8/2009	--	250 [1,e1]	--	--	--	--

Notes:
bgs = feet below ground surface
x = Sample chromatogram does not resemble typical diesel or motor oil pattern
y = laboratory reports that the sample is "not typical gasoline (heavy end hydrocabonic)
e, j = Estimated value
< = Indicates not detected at the indicated laboratory detection limit
mg/kg = milligrams per kilogram
ND = Not detected; refer to the laboratory analytical report in Appendix A for detection limits
"--" = Not analyzed
[1] = without silica gel cleanup
[2] = with silica gel cleanup
e1 = unmodified or weakly modified diesel is significant
e2 = diesel range compounds are significant; no recogizable pattern.
e3 = aged diesel is significant
e7 = oil range compounds are significant
Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B
Polychlorinated Biphenyls (PCBs) analyzed by EPA 8082
Semi-volatile organic compounds (SVOCs) analyzed by EPA 8270C

Table 2.
METALS IN SOIL
ALDERS PROPERTY
5812 Hollis Street
Emeryville, California

Sample ID	Depth	Date Sampled	Sb	As	Ba	Be	Cd	Cr	Cr by WET	Cr by TCLP	Co	Cu	Pb	Pb by WET	Pb by TCLP	Mo	Ni	Se	Ag	Tl	V	Zn	Hg
	feet bgs		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/L	mg/L	mg/kg	mg/kg	mg/kg	mg/L	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
S-1 through S-4	Surface,	4/7/2006	10	10	140	0.2	3.6	130	--	--	7.6	150	**2,100**	--	--	14	55	0.53	< 0.19	0.24	42	500	0.63
T1 0-0.5	0.0-0.5	7/8/2009	--	--	--	--	--	63	0.41	< 0.05	--	--	420	**19**	< 0.2	--	--	--	--	--	--	--	--
T1 2.0-2.5	2.0-2.5	7/8/2009	--	--	--	--	--	55	0.63	--	--	--	160	**5.6**	<0.2	--	--	--	--	--	--	--	--
T1 3.0-3.5	3.0-3.5	7/20/2009	--	--	--	--	--	--	--	--	--	--	110	3.2	<0.2	--	--	--	--	--	--	--	--
T2 0-0.5	0.0-0.5	7/8/2009	--	--	--	--	--	47	0.17	< 0.05	--	--	430	**28**	< 0.2	--	--	--	--	--	--	--	--
T2 2.0-2.5	2.0-2.5	7/8/2009	--	--	--	--	--	38	--	--	--	--	13	--	--	--	--	--	--	--	--	--	--
T3 0-0.5	0.0-0.5	7/8/2009	--	--	--	--	--	62	0.4	< 0.05	--	--	**850**	**44**	1.6	--	--	--	--	--	--	--	--
T3 2.0-2.5	2.0-2.5	7/8/2009	--	--	--	--	--	44	--	--	--	--	5.7	--	--	--	--	--	--	--	--	--	--
T4 0-0.5	0.0-0.5	7/8/2009	--	--	--	--	--	45	0.15	< 0.05	--	--	71	**4.1**	< 0.2	--	--	--	--	--	--	--	--
T4 2.0-2.5	2.0-2.5	7/8/2009	--	--	--	--	--	50	0.11	<0.05	--	--	31	--	--	--	--	--	--	--	--	--	--
T5 0-0.5	0.0-0.5	7/8/2009	--	--	--	--	--	46	0.18	< 0.05	--	--	130	**8.0**	< 0.2	--	--	--	--	--	--	--	--
T5 2.0-2.5	2.0-2.5	7/8/2009	--	--	--	--	--	57	0.24	<0.05	--	--	29	--	--	--	--	--	--	--	--	--	--
T6 0-0.5	0.0-0.5	7/8/2009	--	--	--	--	--	68	0.23	--	--	--	**750**	**37**	0.44	--	--	--	--	--	--	--	--
T-6 2.0-2.5	2.0-2.5	7/19/2009	--	--	--	--	--	--	--	--	--	--	**5.8**	--	--	--	--	--	--	--	--	--	--
T7 0-0.5	0.0-0.5	7/8/2009	--	--	--	--	--	110	0.45	--	--	--	**3,500**	--	**12**	--	--	--	--	--	--	--	--
T-7 2.0-2.5	2.0-2.5	7/19/2009	--	--	--	--	--	--	--	--	--	--	**120**	3.6	--	--	--	--	--	--	--	--	--
TR-1	0.5-1.0	1/22/2008	< 5.0	**3.2**	200	< 2.0	< 1.0	16	--	--	6.6	40	36	--	--	< 5.0	25	< 5.0	< 1.0	< 5.0	24	95	< 0.16
	5.0-5.5	1/22/2008	--	**5.0**	160	--	< 1.0	25	--	--	--	--	5.8	--	--	--	--	< 5.0	< 1.0	--	--	--	--
TR-2	1.5-2.0	1/22/2008	< 5.0	**4.5**	160	< 2.0	< 1.0	20	--	--	16	14	6.7	--	--	< 5.0	17	< 5.0	< 1.0	< 5.0	31	24	< 0.10
	5.0-5.5	1/22/2008	--	**2.6**	74	--	< 1.0	27	--	--	--	--	4.8	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-3	3.0-3.5	1/22/2008	< 5.0	**2.8**	140	< 2.0	< 1.0	15	--	--	5.0	18	4.4	--	--	< 5.0	21	< 5.0	< 1.0	< 5.0	25	31	< 0.10
	5.0-5.5	1/22/2008	--	**3.2**	160	--	< 1.0	23	--	--	--	--	4.8	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-4	1.5-2.0	1/22/2008	14	**8.6**	240	< 2.0	3.0	17	--	--	9.5	150	580	**5.33**	--	< 5.0	97	< 5.0	< 1.0	< 5.0	68	1,700	0.92
	5.0-5.5	1/22/2008	--	**6.6**	140	--	< 1.0	19	--	--	--	--	6.4	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.12
TR-4A 1.5-2.0	1.5-2.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	33	0.80	< 0.2	--	--	--	--	--	--	--	--
TR-4A 2.0-2.5	2.0-2.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	< 5.0	--	--	--	--	--	--	--	--	--	--
TR-4B 1.5-2.0	1.5-2.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	17	0.90	< 0.2	--	--	--	--	--	--	--	--
TR-4B 2.0-2.5	2.0-2.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	6.3	--	--	--	--	--	--	--	--	--	--
TR-4C 1.5-2.0	1.5-2.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	12	< 0.2	< 0.2	--	--	--	--	--	--	--	--
TR-4C 2.0-2.5	2.0-2.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--
TR-5	1.0-1.5	1/22/2008	< 5.0	**13**	160	< 2.0	1.4	13	--	--	9.4	41	120	3.68	--	< 5.0	21	< 5.0	< 1.0	< 5.0	25	270	< 0.10
	5.0-5.5	1/22/2008	--	**2.8**	310	--	< 1.0	34	--	--	--	--	7.8	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-6	1.0-1.5	1/22/2008	< 5.0	**3.3**	150	< 2.0	< 1.0	19	--	--	< 5.0	16	5.2	--	--	< 5.0	12	< 5.0	< 1.0	< 5.0	22	19	< 0.10
	5.0-5.5	1/22/2008	--	**4.6**	180	--	< 1.0	22	--	--	--	--	7.4	--	--	--	--	< 5.0	1.0	--	--	--	< 0.10
TR-7	1.0-1.5	1/22/2008	< 5.0	**4.4**	120	< 2.0	< 1.0	20	--	--	< 5.0	13	4.7	--	--	< 5.0	11	< 5.0	< 1.0	< 5.0	24	20	< 0.10
	5.0-5.5	1/22/2008	--	**3.8**	180	--	< 1.0	25	--	--	--	--	6.0	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-8	1.5-2.0	1/23/2008	< 5.0	**2.2**	200	< 2.0	< 1.0	17	--	--	8.0	13	6.4	--	--	< 5.0	12	< 5.0	< 1.0	< 5.0	21	18	< 0.10
	5.0-5.5	1/23/2008	--	**3.4**	160	--	< 1.0	26	--	--	--	--	7.4	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-9	1.5-2.0	1/23/2008	< 5.0	**5.0**	180	< 2.0	< 1.0	17	--	--	9.4	13	14	--	--	< 5.0	15	< 5.0	< 1.0	< 5.0	32	55	< 0.10
	5.0-5.5	1/23/2008	--	**3.8**	69	--	< 1.0	27	--	--	--	--	5.8	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-10	1.5-2.0	1/23/2008	< 5.0	**3.6**	160	< 2.0	< 1.0	16	--	--	8.7	23	44	--	--	< 5.0	17	< 5.0	< 1.0	< 5.0	21	100	< 0.10
	5.0-5.5	1/23/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10.0-10.5	1/23/2008	--	**6.3**	340	--	< 1.0	24	--	--	--	--	5.6	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-11	1.0-1.5	1/23/2008	< 5.0	**2.0**	190	< 2.0	< 1.0	9.1	--	--	6.1	35	11	--	--	< 5.0	8.8	< 5.0	< 1.0	< 5.0	21	66	0.32
TR-12	1.0-1.5	1/23/2008	< 5.0	**5.1**	470	< 2.0	< 1.0	21	--	--	30	12	12	--	--	< 5.0	29	< 5.0	< 1.0	< 5.0	38	52	< 0.10
TR-13	1.0-1.5	1/23/2008	< 5.0	**6.8**	310	< 2.0	< 1.0	18	--	--	5.8	13	7.2	--	--	< 5.0	11	< 5.0	< 1.0	< 5.0	25	17	< 0.10
TR-19	2.5-3.0	4/17/2008	< 5.0	**2.2**	130	< 2.0	< 1.0	22	--	--	< 5.0	11	13	--	--	< 5.0	19	< 5.0	< 1.0	< 5.0	26	38	< 0.10
	5.0-5.5	4/17/2008	--	< 1.7	81	--	< 1.0	23	--	--	--	--	3.8	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-20	2.5-3.0	4/17/2008	15	**4.5**	240	< 2.0	1.6	20	--	--	9.0	72	710	**81.5**	--	< 5.0	36	< 5.0	1.2	< 5.0	27	650	0.52
	5.0-5.5	4/17/2008	--	**5.3**	82	--	< 1.0	32	--	--	--	--	5.2	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
	10.0-10.5	4/17/2008	--	**8.9**	120	--	< 1.0	23	--	--	--	--	5.7	--	--	--	--	< 5.0	< 1.0	--	--	--	0.10
TR-20A 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	< 5.0	< 0.2	< 0.2	--	--	--	--	--	--	--	--
TR-20A 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	< 5.0	--	--	--	--	--	--	--	--	--	--
TR-20B 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	< 5.0	0.20	< 0.2	--	--	--	--	--	--	--	--
TR-20B 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	< 5.0	--	--	--	--	--	--	--	--	--	--
TR-20C 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	< 5.0	< 0.2	< 0.2	--	--	--	--	--	--	--	--
TR-20C 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	< 5.0	--	--	--	--	--	--	--	--	--	--
TR-20D 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	420	22	0.43	--	--	--	--	--	--	--	--
TR-20D 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	**18,000**	< 0.2	< 0.2	--	--	--	--	--	--	--	--
TR-20D 3.5-4.0	3.5-4.0	7/28/2009	--	--	--	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--	--	--	--
TR-20E 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	5.5	0.25	< 0.2	--	--	--	--	--	--	--	--
TR-20E 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--	--	--	--
TR-21	2.5-3.0	4/17/2008	< 5.0	**2.6**	140	< 2.0	< 1.0	17	--	--	< 5.0	31	120	**9.21**	--	< 5.0	29	< 5.0	< 1.0	< 5.0	22	820	0.14
	5.0-5.5	4/17/2008	--	**4.3**	97	--	< 1.0	25	--	--	--	--	3.9	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
	10.0-10.5	4/17/2008	--	**12**	160	--	< 1.0	18	--	--	--	--	6.8	--	--	--	--	< 5.0	< 1.0	--	--	--	< 0.10
TR-21A 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	6.3	< 0.2	< 0.2	--	--	--	--	--	--	--	--
TR-21A 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	5.1	--	--	--	--	--	--	--	--	--	--
TR-21B 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	5.0	< 0.2	< 0.2	--	--	--	--	--	--	--	--
TR-21B 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	6.7	--	--	--	--	--	--	--	--	--	--
TR-21C 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	6.0	< 0.2	< 0.2	--	--	--	--	--	--	--	--
TR-21C 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	4.5	--	--	--	--	--	--	--	--	--	--
TR-21D 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	5.7	0.20	< 0.2	--	--	--	--	--	--	--	--
TR-21D 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	8.1	--	--	--	--	--	--	--	--	--	--
TR-21E 2.5-3.0	2.5-3.0	7/7/2009	--	--	--	--	--	--	--	--	--	--	5.3	0.31	< 0.2	--	--	--	--	--	--	--	--
TR-21E 3.0-3.5	3.0-3.5	7/7/2009	--	--	--	--	--	--	--	--	--	--	7.2	--	--	--	--	--	--	--	--	--	--
TTLC (mg/kg)			500	500	10,000	75	100	2,500	--	--	8,000	2,500	1,000	--	--	3,500	2,000	100	500	700	2,400	5,000	2
STLC (mg/L)			15	5	100	0.75	1	5	--	--	80	25	--	5	--	350	20	1	5	7	24	250	0.2
TCLP (Federal) (mg/L)			NE	5	100	NE	1	5	--	--	NE	NE	5	--	--	NE	NE	1	5	NE	NE	NE	0.2

Notes:
bgs = Below ground surface
< = Indicates not detected at or above the indicated laboratory detection limit
"--" = Not analyzed
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
Pb by WET = Soluble lead concentrations analyzed by the Waste Extraction Test.
Sb = Antimony, As = Arsenic, Ba = Barium, Be = Beryllium, Cd = Cadmium, Cr = Chromium, Co = Cobalt, Cu = Copper, Pb = Lead, Mo = Molybdenum, Ni = Nickel, Se = Selenium, Ag = Silver, Tl = Thallium, V = Vanadium, Zn = Zinc, Hg = Mercury

Table 3.
ORGANICS IN GROUNDWATER
ALDERS PROPERTY
5812 Hollis Street
Emeryville, California

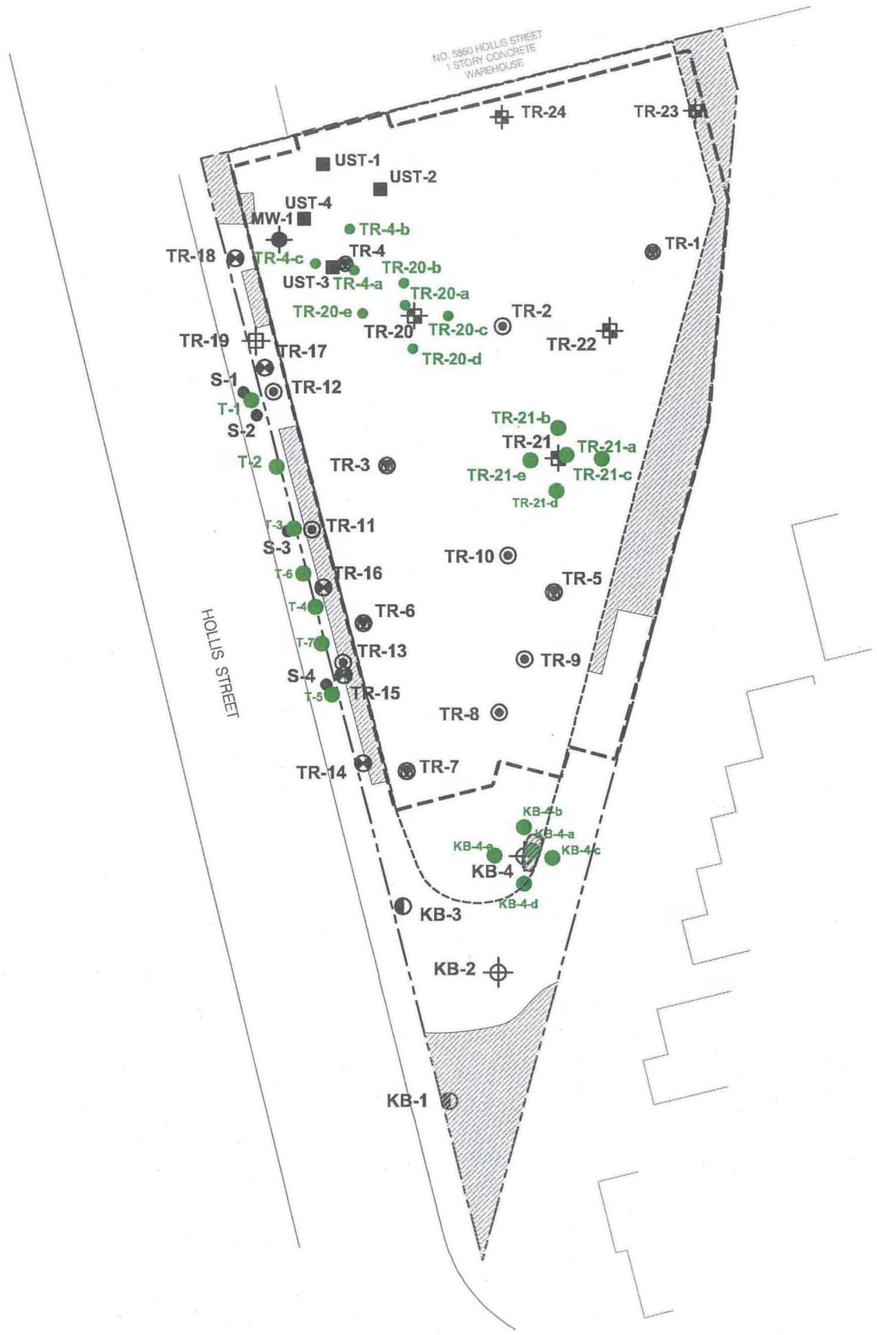
Sample ID	Date Sampled	Sample Type	Total Petroleum Hydrocarbons			Volatile Organic Compounds								SVOCs		
			TPH-g	TPH-d	TPH-mo	Benzene	Toluene	Total Xylenes	TCE	cis-1,2 DCE	Naphthalene	sec-But	Other VOCs	2-Met	Pent	Other SVOCs
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
TR-1-GW	1/23/2008	grab	< 50	< 109	< 218	1.17	1.23	< 1.50	< 0.50	< 0.50	< 0.50	< 0.50	ND	< 13.0	22.6	ND
TR-3-GW	1/23/2008	grab	< 50	< 105	< 210	< 0.50	2.29	< 1.50	< 0.50	< 0.50	< 0.50	< 0.50	ND	--	--	--
TR-4-GW	1/23/2008	grab	< 50	< 103	< 206	< 0.50	1.61	< 1.50	< 0.50	< 0.50	< 0.50	< 0.50	ND	< 13.0	< 12.5	ND
TR-5-GW	1/23/2008	grab	< 50	< 111	< 222	< 0.50	1.02	< 1.50	< 0.50	< 0.50	< 0.50	< 0.50	ND	--	--	--
TR-6-GW	1/23/2008	grab	< 50	< 103	< 206	< 0.50	1.97	1.6	1.69	1.04	< 0.50	< 0.50	ND	--	--	--
TR-7-GW	1/24/2008	grab	69.2	133x	< 212	< 0.50	2.11	< 1.50	< 0.50	< 0.50	< 0.50	0.52	ND	17.8	< 11.2	ND
TR-14	3/5/2008	grab	--	--	--	< 5.5	< 5.5	< 5.5	< 16.5	< 5.5	< 5.5	< 5.5	ND	--	--	--
TR-15	3/5/2008	grab	--	--	--	< 5.5	< 5.5	< 5.5	1.49	0.95	< 5.5	< 5.5	ND	--	--	--
TR-16	3/5/2008	grab	--	--	--	< 0.5	< 0.5	< 1.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	--	--	--
TR-17	3/5/2008	grab	--	--	--	< 5.5	< 5.5	< 16.5	< 16.5	< 5.5	< 5.5	< 5.5	DIPE = 352	--	--	--
TR-17-Dup	3/17/2008	grab	656y	--	--	< 5.5	< 5.5	< 16.5	--	--	--	--	DIPE = 292	--	--	--
TR-18	3/4/2008	grab	--	--	--	< 0.74	3.07	2.35	< 0.74	< 0.74	< 0.74	< 0.74	ND	--	--	--
TR-19-GW	4/17/2008	grab	--	--	--	< 0.69	< 0.69	< 2.07	< 0.69	< 0.69	< 0.69	< 0.69	ND	--	--	--
KB-1W	3/12/2009	grab	< 50	< 50[1], < 50[2]	< 300[1], < 300[2]	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 1.0	ND	--	--	--
KB-3W	3/12/2009	grab	< 50	85[1], < 60[2]	< 300, < 360	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 1.0	Isopropylbenzene = 0.54 Other VOCs = ND	--	--	--
UST-1	7/7/2009	grab	<50	110 [b1, e2]	<250	< 0.50	< 0.50	<0.5	--	--	--	--	<0.5	--	--	--
UST-2	7/7/2009	grab	390	150 [b1, e2, e7]	390 [b1, e2, e7]	< 0.50	< 0.50	<0.5	--	--	--	--	<0.5	--	--	--
UST-3	7/7/2009	grab	960 [b1, b6, d7]	29,000 [b1, e1]	17,000 [b1, e1]	< 0.50	< 0.50	<0.5	--	--	--	--	<0.5	--	--	--
UST-4	7/7/2009	grab	100	2,000 [b1, e3, e7]	1,700 [b1, e3, e7]	< 0.50	< 0.50	<0.5	--	--	--	--	<0.5	--	--	--
MW-1	7/7/2009	purge/low flow	<50	<50	<250	< 0.50	1.2	<0.5	--	--	--	--	<0.5	--	--	--

Notes:
< = Indicates not detected at or above the indicated laboratory detection limit
µg/L = Micrograms per liter
ND = Not detected; refer to the laboratory analytical report in Appendix A for detection limits
x = Laboratory flag indicating that the sample chromatogram does not resemble the typical diesel fuel pattern
y = Laboratory flag indicating that the reported concentration is DIPE which was detected within the TPH-g range
"--" = Not analyzed
DIPE = Diisopropyl ether
[1] = without silica gel cleanup
[2] = with silica gel cleanup
[3] = Limit is for Oil and Grease, which are heavy hydrocarbons
[4] = Limit is for Total Identifiable Chlorinated Hydrocarbons (TICH) which is the sum of the concentrations of all detected chlorinated hydrocarbons
[5] = Limit is for phenolic compounds
b1 = aqueous sample that contains greater than 1% vol% sediment
b6 = lighter than water immiscible sheen/product is present
d7 = strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
e1 = unmodified or weakly modified diesel is significant.
e2 = diesel range compounds are significant; no recognizable pattern
e3 = aged diesel is significant
e7 = oil range compounds are significant
Total Petroleum Hydrocarbons (TPH) quantified as gasoline (TPH-g), diesel fuel (TPH-d), and motor oil (TPH-mo) analyzed by EPA Method 8015; TPH-d and TPH-mo analyzed with silica gel cleanup
Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B. TCE = Trichloroethylene, cis-1,2-DCE = cis-1,2 Dichloroethylene, sec-But = sec-Butylbenzene, DIPE = Diisopropyl ether
Semi-Volatile Organic Compounds (SVOCs) analyzed by EPA Method 8270C. 2-Methylnapthalene (2-Met), Pentachlorophenol (Pent)

Table 4.
METALS IN GROUNDWATER
ALDERS PROPERTY
5812 Hollis Street
Emeryville, California

Sample ID	Date Sampled	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mo	Ni	Se	Ag	Tl	V	Zn	Hg
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TR-1-GW	1/23/2008	< 0.010	< 0.0050	0.076	< 0.0050	< 0.0050	< 0.0050	0.014	< 0.0050	< 0.015	0.024	0.034	0.010	< 0.0050	< 0.0050	0.026	< 0.0050	< 0.00020
TR-3-GW	1/23/2008	< 0.010	0.0075	1.7	< 0.0050	< 0.0050	< 0.0050	0.025	0.037	< 0.015	< 0.010	0.010	0.018	< 0.0050	< 0.0050	0.032	0.034	< 0.00020
TR-4-GW	1/23/2008	< 0.010	< 0.0050	0.31	< 0.0050	< 0.0050	< 0.0050	0.019	< 0.0050	< 0.015	< 0.010	0.049	< 0.010	< 0.0050	< 0.0050	0.029	< 0.0050	< 0.00020
TR-5-GW	1/23/2008	< 0.010	< 0.0050	0.23	< 0.0050	< 0.0050	< 0.0050	0.0086	< 0.0050	< 0.015	< 0.010	0.015	< 0.010	< 0.0050	< 0.0050	0.016	< 0.0050	< 0.00020
TR-6-GW	1/23/2008	< 0.010	< 0.0050	0.058	< 0.0050	< 0.0050	< 0.0050	0.011	< 0.0050	< 0.015	< 0.010	0.020	< 0.010	< 0.0050	< 0.0050	0.020	< 0.0050	< 0.00020
TR-7-GW	1/24/2008	0.021	0.0064	0.29	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.015	0.015	0.045	< 0.010	< 0.0050	< 0.0050	0.026	0.0054	< 0.00020

Notes:
< = Not detected at or above the indicated laboratory detection limit
mg/L = Milligrams per liter
Sb = Antimony, As = Arsenic, Ba = Barium, Be = Beryllium, Cd = Cadmium, Cr = Chromium, Co = Cobalt, Cu = Copper, Pb = Lead, Mo = Molybdenum, Ni = Nickel, Se = Selenium, Ag = Silver, Tl = Thallium, V = Vanadium, Zn = Zinc, Hg = Mercury



EXPLANATION

- Soil sampling location by Treadwell & Rollo, April 2008
- Soil and groundwater sampling location by Treadwell & Rollo., January 2008
- Monitoring well installed by Summit Engineering, 1993
- Groundwater sampling locations by Treadwell & Rollo, Inc., March 2008
- Soil sampling locations by Treadwell & Rollo, Inc., January 2008
- Soil and groundwater sampling location by Treadwell & Rollo, Inc., April 2008
- Soil and groundwater sampling locations by Kleinfelder in March 2009
- Previous composited soil sampling locations by Kleinfelder in 2006
- Soil sampling location by Kleinfelder in March 2009
- Exceeds State Hazardous Waste threshold of 1,000 mg/kg total lead
- Soil sampling locations by Treadwell & Rollo, Inc., July 2009
- Soil and groundwater sampling location by Treadwell & Rollo, Inc., April 2008

---- Property boundary

– – – – Excavation limits

-------- Proposed overlying building

(Ft) bgs - Feet below ground surface
TTLC - Total threshold Limit Concentration
STLC - Soluble Threshold Limit Concentration
TCLP - Toxicity Characteristics Leaching procedure

* Concentration represents composite surface soil sample from S1 to S4.

Soil concentration of TPH-d exceeding 4,200 mg/kg

0 30 Feet
Approximate scale

Reference: www.terraserver-usc.com, 2006.

ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

PREVIOUS SAMPLING LOCATION

Date 05/17/11 | Project No. 730482302 | Figure 2

Treadwell&Rollo
A LANGAN COMPANY

\\Langan.com\data\SF\data3\730482302\Cadd Data - 730482302\2D-DesignFiles\Environmental\730482302-N-SP0102.dwg 5/17/11

Treadwell&Rollo
A LANGAN COMPANY

APPENDIX B

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; Alders Greenway	Date Sampled: 02/08/11
		Date Received: 02/10/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 02/11/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 02/11/11

WorkOrder: 1102303

February 11, 2011

Dear Peter:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#730482302; Alders Greenway,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

RUSH

1102303

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: Alders Groundway
Job Number: 730482302
Project Manager\Contact: P Cusack
Samplers: P Cusack
Recorder (Signature Required): Patrick Cusack

Turnaround Time: 24 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPHg + D	8260	8270	Cal 17 Metals	Silica gel clean-up	Hold	Remarks
DW-1	2/8/11				X					X		X	X	X	X			

PB/0 4.8
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
PRESERVATION

VOAS	O&G	METALS	OTHER

APPROPRIATE CONTAINERS
PRESERVED IN LAB

	Date	Time		Date	Time
Relinquished by: (Signature)	2/10/11	1220	Received by: (Signature)	2/10/11	1220
Relinquished by: (Signature)	2/10/11	1430	Received by: (Signature)	2/10/11	1430
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 005209

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1102303 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; Alders Greenway

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
SEND HARDCOPY

Requested TAT: 1 day

Date Received: **02/10/2011**
Date Printed: **02/10/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1102303-001	DW-1	Water	2/8/2011	☐	D	B	C	A	C							

Test Legend:

1	8260B_W	2	8270D_W	3	CAM17MS_DISS	4	G-MBTEX_W	5	PRDISSOLVED
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Zoraida Cortez

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **2/10/2011 3:29:59 PM**

Project Name: **#730482302; Alders Greenway**
Checklist completed and reviewed by: Zoraida Cortez

WorkOrder N°: **1102303** Matrix Water
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☐	No ☑	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments: No Voas were received.

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Treadwell & Rollo	Client Project ID: #730482302; Alders Greenway	Date Sampled: 02/08/11
		Date Received: 02/10/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 02/10/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 02/10/11

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1102303

Lab ID	1102303-001D
Client ID	DW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	120	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	79	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	0.85	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	1.4	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	0.81	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	2.0	1.0	0.5

Surrogate Recoveries (%)

%SS1:	63	%SS2:	100
%SS3:	83		

Comments: c2

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

c2) estimated value due to low surrogate recovery, caused by matrix interference.

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; Alders Greenway	Date Sampled: 02/08/11
		Date Received: 02/10/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 02/10/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 02/11/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3510C Analytical Method: SW8270C Work Order: 1102303

Lab ID	1102303-001B
Client ID	DW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	10	Acenaphthylene	ND	1.0	10
Acetochlor	ND	1.0	10	Anthracene	ND	1.0	10
Benzidine	ND	1.0	50	Benzoic Acid	ND	1.0	50
Benzo(a)anthracene	ND	1.0	10	Benzo(b)fluoranthene	ND	1.0	10
Benzo(k)fluoranthene	ND	1.0	10	Benzo(g,h,i)perylene	ND	1.0	10
Benzo(a)pyrene	ND	1.0	10	Benzyl Alcohol	ND	1.0	50
1,1-Biphenyl	ND	1.0	10	Bis (2-chloroethoxy) Methane	ND	1.0	10
Bis (2-chloroethyl) Ether	ND	1.0	10	Bis (2-chloroisopropyl) Ether	ND	1.0	10
Bis (2-ethylhexyl) Phthalate	ND	1.0	20	4-Bromophenyl Phenyl Ether	ND	1.0	10
Butylbenzyl Phthalate	ND	1.0	10	4-Chloroaniline	ND	1.0	20
4-Chloro-3-methylphenol	ND	1.0	10	2-Chloronaphthalene	ND	1.0	10
2-Chlorophenol	ND	1.0	10	4-Chlorophenyl Phenyl Ether	ND	1.0	10
Chrysene	ND	1.0	10	Dibenzo(a,h)anthracene	ND	1.0	10
Dibenzofuran	ND	1.0	10	Di-n-butyl Phthalate	ND	1.0	10
1,2-Dichlorobenzene	ND	1.0	10	1,3-Dichlorobenzene	ND	1.0	10
1,4-Dichlorobenzene	ND	1.0	10	3,3-Dichlorobenzidine	ND	1.0	20
2,4-Dichlorophenol	ND	1.0	10	Diethyl Phthalate	ND	1.0	10
2,4-Dimethylphenol	ND	1.0	10	Dimethyl Phthalate	ND	1.0	10
4,6-Dinitro-2-methylphenol	ND	1.0	50	2,4-Dinitrophenol	ND	1.0	50
2,4-Dinitrotoluene	ND	1.0	10	2,6-Dinitrotoluene	ND	1.0	10
Di-n-octyl Phthalate	ND	1.0	10	1,2-Diphenylhydrazine	ND	1.0	10
Fluoranthene	ND	1.0	10	Fluorene	ND	1.0	10
Hexachlorobenzene	ND	1.0	10	Hexachlorobutadiene	ND	1.0	10
Hexachlorocyclopentadiene	ND	1.0	50	Hexachloroethane	ND	1.0	10
Indeno (1,2,3-cd) pyrene	ND	1.0	10	Isophorone	ND	1.0	10
2-Methylnaphthalene	ND	1.0	10	2-Methylphenol (o-Cresol)	ND	1.0	10
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	10	Naphthalene	ND	1.0	10
2-Nitroaniline	ND	1.0	50	3-Nitroaniline	ND	1.0	50
4-Nitroaniline	ND	1.0	50	Nitrobenzene	ND	1.0	10
2-Nitrophenol	ND	1.0	50	4-Nitrophenol	ND	1.0	50
N-Nitrosodiphenylamine	ND	1.0	10	N-Nitrosodi-n-propylamine	ND	1.0	10
Pentachlorophenol	ND	1.0	50	Phenanthrene	ND	1.0	10
Phenol	29	1.0	10	Pyrene	ND	1.0	10
1,2,4-Trichlorobenzene	ND	1.0	10	2,4,5-Trichlorophenol	ND	1.0	10
2,4,6-Trichlorophenol	ND	1.0	10				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	89
%SS3:	90	%SS4:	71
%SS5:	95	%SS6:	92

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; Alders Greenway	Date Sampled: 02/08/11
		Date Received: 02/10/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 02/10/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 02/10/11

CAM / CCR 17 Metals*

					Reporting Limit for DF =1; ND means not detected above the reporting limit	
Lab ID	1102303-001C					
Client ID	DW-1					
Matrix	W				S	W
Extraction Type	DISS.				mg/kg	µg/L

ICP-MS Metals, Concentration*

Analytical Method: E200.8 Extraction Method: E200.8 Work Order: 1102303

Dilution Factor	1				1	1
Antimony	ND				NA	0.5
Arsenic	ND				NA	0.5
Barium	ND				NA	5.0
Beryllium	ND				NA	0.5
Cadmium	ND				NA	0.25
Chromium	ND				NA	0.5
Cobalt	ND				NA	0.5
Copper	ND				NA	0.5
Lead	ND				NA	0.5
Mercury	ND				NA	0.025
Molybdenum	ND				NA	0.5
Nickel	ND				NA	0.5
Selenium	ND				NA	0.5
Silver	ND				NA	0.19
Thallium	ND				NA	0.5
Vanadium	ND				NA	0.5
Zinc	ND				NA	5.0
%SS:	N/A					

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 02/10/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 02/10/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1102303

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	DW-1	W	63	1	106	d2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

%SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d2) heavier gasoline range compounds are significant (aged gasoline?)

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Treadwell & Rollo	Client Project ID: #730482302; Alders Greenway	Date Sampled: 02/08/11
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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 02/10/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 02/10/11

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3510C Analytical methods: SW8015B Work Order: 1102303

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1102303-001A	DW-1	W	97	1	99	e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in ug/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56180 WorkOrder 1102303

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 1102304-001B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND<50	10	82.7	84.7	2.32	75.4	82.9	9.49	70 - 130	30	70 - 130	30
Benzene	ND<50	10	105	105	0	96.3	99	2.76	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND<200	50	76.4	77.1	0.952	87.7	92.4	5.27	70 - 130	30	70 - 130	30
Chlorobenzene	ND<50	10	105	108	2.65	94.5	104	9.89	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND<50	10	99.6	100	0.739	88.5	95.4	7.50	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND<50	10	93.7	94.3	0.606	96	99	3.12	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND<50	10	111	111	0	115	115	0	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND<50	10	102	103	1.00	103	106	2.89	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND<50	10	92	93	1.16	97.5	99.7	2.18	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND<50	10	98.8	101	2.51	96.6	100	3.48	70 - 130	30	70 - 130	30
Toluene	ND<50	10	100	101	0.222	91.5	95.4	4.13	70 - 130	30	70 - 130	30
Trichloroethene	ND<50	10	105	107	1.76	97.3	99.5	2.25	70 - 130	30	70 - 130	30
%SS1:	96	25	89	89	0	94	93	1.55	70 - 130	30	70 - 130	30
%SS2:	99	25	102	102	0	99	98	0.0989	70 - 130	30	70 - 130	30
%SS3:	77	2.5	83	83	0	86	83	3.37	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 56180 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102303-001D	02/08/11	02/10/11	02/10/11 4:57 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56135 WorkOrder 1102303

EPA Method SW8270C **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	N/A	50	N/A	N/A	N/A	55.8	59.1	5.76	N/A	N/A	30 - 130	20
4-Chloro-3-methylphenol	N/A	100	N/A	N/A	N/A	82.3	84.9	3.09	N/A	N/A	30 - 130	20
2-Chlorophenol	N/A	100	N/A	N/A	N/A	72.1	75.9	5.15	N/A	N/A	30 - 130	20
1,4-Dichlorobenzene	N/A	50	N/A	N/A	N/A	48.4	51.4	5.94	N/A	N/A	30 - 130	20
2,4-Dinitrotoluene	N/A	50	N/A	N/A	N/A	78.1	80.3	2.83	N/A	N/A	30 - 130	20
4-Nitrophenol	N/A	100	N/A	N/A	N/A	83.7	83.5	0.287	N/A	N/A	30 - 130	20
N-Nitrosodi-n-propylamine	N/A	50	N/A	N/A	N/A	82.5	84.9	2.86	N/A	N/A	30 - 130	20
Pentachlorophenol	N/A	100	N/A	N/A	N/A	68.1	68.9	1.10	N/A	N/A	30 - 130	20
Phenol	N/A	100	N/A	N/A	N/A	78.3	78.8	0.726	N/A	N/A	30 - 130	20
Pyrene	N/A	50	N/A	N/A	N/A	63.4	66.4	4.54	N/A	N/A	30 - 130	20
1,2,4-Trichlorobenzene	N/A	50	N/A	N/A	N/A	54.1	56.3	3.91	N/A	N/A	30 - 130	20
%SS1:	N/A	5000	N/A	N/A	N/A	86	89	3.65	N/A	N/A	30 - 130	20
%SS2:	N/A	5000	N/A	N/A	N/A	80	85	5.76	N/A	N/A	30 - 130	20
%SS3:	N/A	5000	N/A	N/A	N/A	89	93	5.26	N/A	N/A	30 - 130	20
%SS4:	N/A	5000	N/A	N/A	N/A	55	58	5.20	N/A	N/A	30 - 130	20
%SS5:	N/A	5000	N/A	N/A	N/A	96	98	1.97	N/A	N/A	30 - 130	20
%SS6:	N/A	5000	N/A	N/A	N/A	65	67	4.17	N/A	N/A	30 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 56135 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102303-001B	02/08/11	02/10/11	02/11/11 4:40 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56124 WorkOrder 1102303

EPA Method E200.8 **Extraction E200.8** **Spiked Sample ID: 1102173-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	10	101	105	3.73	98.4	98	0.458	70 - 130	20	85 - 115	20
Arsenic	2.4	10	100	107	5.30	98.9	98.9	0	70 - 130	20	85 - 115	20
Barium	93	100	99.5	107	4.08	97.8	97	0.821	70 - 130	20	85 - 115	20
Beryllium	ND	10	91.7	92.9	1.35	100	98.5	1.65	70 - 130	20	85 - 115	20
Cadmium	ND	10	101	103	1.57	102	101	0.787	70 - 130	20	85 - 115	20
Chromium	ND	10	97	101	4.34	100	100	0	70 - 130	20	85 - 115	20
Cobalt	ND	10	95	96.5	1.56	106	105	1.52	70 - 130	20	85 - 115	20
Copper	91	10	NR	NR	NR	99.6	97.6	1.99	70 - 130	20	85 - 115	20
Lead	ND	10	103	105	2.46	98.5	98.5	0	70 - 130	20	85 - 115	20
Mercury	ND	0.25	94.7	103	8.69	90.2	86.9	3.70	70 - 130	20	85 - 115	20
Molybdenum	3.3	10	104	108	2.67	98.2	97.3	0.920	70 - 130	20	85 - 115	20
Nickel	1.6	10	93.6	99.5	5.26	103	103	0	70 - 130	20	85 - 115	20
Selenium	0.54	10	102	103	0.649	112	107	5.01	70 - 130	20	85 - 115	20
Silver	ND	10	97.4	101	3.31	101	101	0	70 - 130	20	85 - 115	20
Thallium	ND	10	100	104	3.62	96.3	95.8	0.562	70 - 130	20	85 - 115	20
Vanadium	2.8	10	108	113	3.26	98.7	100	1.48	70 - 130	20	85 - 115	20
Zinc	5.4	100	101	105	3.78	107	106	1.12	70 - 130	20	85 - 115	20
%SS:	99	750	99	106	6.99	96	99	2.99	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 56124 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102303-001C	02/08/11	02/10/11	02/10/11 5:11 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56186 WorkOrder 1102303

EPA Method SW8015B **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	114	113	1.34	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	100	99	0.691	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 56186 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102303-001A	02/08/11	02/10/11	02/10/11 10:51 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 56187 WorkOrder 1102303

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1102303-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	97.3	118	19.5	112	98.5	12.7	70 - 130	20	70 - 130	20
MTBE	ND	10	79	81	1.56	122	119	2.09	70 - 130	20	70 - 130	20
Benzene	ND	10	105	107	1.63	108	108	0	70 - 130	20	70 - 130	20
Toluene	1.6	10	92	93.2	1.11	108	108	0	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	103	105	1.83	106	105	0.103	70 - 130	20	70 - 130	20
Xylenes	3.4	30	98.9	101	2.18	109	109	0	70 - 130	20	70 - 130	20
%SS:	106	10	99	101	2.51	99	98	1.40	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 56187 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1102303-001A	02/08/11	02/10/11	02/10/11 8:55 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/26/11
		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/27/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/27/11

WorkOrder: 1104728

April 27, 2011

Dear Peter:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#730482302; 5812 Hollis St,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104728

RUSH

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Mayer
Recorder (Signature Required):

Turnaround Time: 24 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g	TPH-dmo	VOCs	Silica gel clean-up	Hold	Remarks
DW-1	4-26-11	1105			X					X		X	X	X			

ICE/T 10°
GOOD CONDITION ___ APPROPRIATE
HEAD SPACE ABSENT ___ CONTAINERS ___
DECHLORINATED IN LAB ___ PRESERVED IN LAB ___
PRESERVATION VOAS | O&G | METALS | OTHER

Relinquished by: (Signature)	Date 4-26-11	Time 1415	Received by: (Signature)	Date 4/26/11	Time 1415
Relinquished by: (Signature)	Date 4/26/11	Time 1700	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/26/11	Time 1700

Sent to Laboratory (Name): M. Campbell
Laboratory Comments/Notes:

Method of Shipment ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 005246

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104728 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 1 day

Date Received: **04/26/2011**
Date Printed: **04/26/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104728-001	DW-1	Water	4/26/2011 11:05	☐	B	A										

Test Legend:

1	8260B_W	2	G-MBTEX_W	3		4		5	
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Ana Venegas

Comments: SEND HARD COPY 24hr rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **4/26/2011 5:42:33 PM**
Project Name: **#730482302; 5812 Hollis St**
Checklist completed and reviewed by: Ana Venegas
WorkOrder N°: **1104728** Matrix Water
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 6.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/26/11
		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/27/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/27/11

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104728

Lab ID	1104728-001B
Client ID	DW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	12	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	10	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	0.57	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes, Total	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	96	%SS2:	105
%SS3:	88		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/26/11
		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/27/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/27/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104728

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	DW-1	W	ND	1	106	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference. %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/26/11
		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/26/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/27/11

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C Analytical methods: SW8015B Work Order: 1104728

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104728-001A	DW-1	W	ND	ND	1	92	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 57862 WorkOrder 1104728

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 1104692-007B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	89.2	87.9	1.47	93.8	90	4.08	70 - 130	30	70 - 130	30
Benzene	ND	10	98.3	97.3	1.05	112	108	4.39	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	95.5	90.9	4.93	94.5	93.8	0.833	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	110	106	3.43	128	118	8.46	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	111	109	2.29	120	110	8.91	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	102	100	1.59	111	106	4.44	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	106	103	2.36	123	118	4.08	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	105	105	0	118	114	3.62	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	98.3	98.1	0.196	107	103	3.35	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	0.58	10	102	101	0.941	106	105	1.42	70 - 130	30	70 - 130	30
Toluene	ND	10	102	99.4	2.68	116	109	6.54	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	95.6	93.8	1.92	111	105	5.34	70 - 130	30	70 - 130	30
%SS1:	92	25	98	97	1.08	96	97	1.39	70 - 130	30	70 - 130	30
%SS2:	100	25	100	100	0	100	100	0	70 - 130	30	70 - 130	30
%SS3:	87	2.5	101	100	0.741	97	98	1.50	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57862 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104728-001B	04/26/11 11:05 AM	04/27/11	04/27/11 8:19 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 57895 WorkOrder 1104728

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104704-005A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	126	110	13.5	122	125	2.82	70 - 130	20	70 - 130	20
MTBE	ND	10	97.2	98	0.731	94.2	99.1	5.06	70 - 130	20	70 - 130	20
Benzene	ND	10	96.8	90.9	6.30	93.9	94.7	0.884	70 - 130	20	70 - 130	20
Toluene	ND	10	95.5	89.2	6.75	92.9	93.4	0.451	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	97	90.2	7.30	94.3	95	0.676	70 - 130	20	70 - 130	20
Xylenes	ND	30	97.1	91.5	5.94	94.5	95.2	0.665	70 - 130	20	70 - 130	20
%SS:	98	10	99	89	10.3	98	98	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57895 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104728-001A	04/26/11 11:05 AM	04/27/11	04/27/11 10:59 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 57832 WorkOrder 1104728

EPA Method SW8015B **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	105	105	0	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	95	95	0	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57832 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104728-001A	04/26/11 11:05 AM	04/26/11	04/27/11 12:21 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-33617-1
Client Project/Site: Hollis St., Emeryville

For:
Pacific States Environmental
11555 Dublin Blvd
Dublin, California 94568

Attn: Cory Divers

Authorized for release by:
03/02/2011 09:51:40 AM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

Table of Contents

Qualifier Definition/Glossary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33617-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Job ID: 720-33617-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-33617-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch #86975 exceeded control limits for the following analyte(s): Benzoic acid. Benzoic acid has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method 8270C: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for three (03) analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch #86975 had one (Dimethylphthalate) analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33617-1

Client Sample ID: INF-001-2-28 — Lab Sample ID: 720-33617-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	50	3.7	ug/L	1		8260B	Total/NA
Toluene	0.25	J	0.50	0.17	ug/L	1		8260B	Total/NA
Trichloroethene	0.083	J	0.50	0.059	ug/L	1		8260B	Total/NA
Vinyl chloride	0.10	J	0.50	0.050	ug/L	1		8260B	Total/NA
DIPE	1.5		0.50	0.050	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	3.7	J	10	1.5	ug/L	1		8270C	Total/NA
Motor Oil Range Organics [C24-C36]	51	J B	100	38	ug/L	1		8015B	Silica Gel Clean
Specific Conductance	1100		10	10	umhos/cm	1		120.1	Total/NA

Client Sample ID: EFF-001-2-28 — Lab Sample ID: 720-33617-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.094	J B	0.50	0.045	ug/L	1		8260B	Total/NA
Motor Oil Range Organics [C24-C36]	41	J B	100	37	ug/L	1		8015B	Silica Gel Clean
Specific Conductance	1100		10	10	umhos/cm	1		120.1	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.40		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: INF-001-2-28
Date Collected: 02/28/11 16:30
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			02/28/11 22:03	1
Acetone	**11**	**J**	50	3.7	ug/L			02/28/11 22:03	1
Benzene	ND		0.50	0.075	ug/L			02/28/11 22:03	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			02/28/11 22:03	1
Bromobenzene	ND		1.0	0.056	ug/L			02/28/11 22:03	1
Chlorobromomethane	ND		1.0	0.073	ug/L			02/28/11 22:03	1
Bromoform	ND		1.0	0.080	ug/L			02/28/11 22:03	1
Bromomethane	ND		1.0	0.49	ug/L			02/28/11 22:03	1
2-Butanone (MEK)	ND		50	8.4	ug/L			02/28/11 22:03	1
n-Butylbenzene	ND		1.0	0.10	ug/L			02/28/11 22:03	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			02/28/11 22:03	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			02/28/11 22:03	1
Carbon disulfide	ND		5.0	0.078	ug/L			02/28/11 22:03	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			02/28/11 22:03	1
Chlorobenzene	ND		0.50	0.13	ug/L			02/28/11 22:03	1
Chloroethane	ND		1.0	0.12	ug/L			02/28/11 22:03	1
Chloroform	ND		1.0	0.053	ug/L			02/28/11 22:03	1
Chloromethane	ND		1.0	0.19	ug/L			02/28/11 22:03	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			02/28/11 22:03	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			02/28/11 22:03	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			02/28/11 22:03	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			02/28/11 22:03	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			02/28/11 22:03	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			02/28/11 22:03	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			02/28/11 22:03	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			02/28/11 22:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			02/28/11 22:03	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/28/11 22:03	1
Dibromomethane	ND		0.50	0.067	ug/L			02/28/11 22:03	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			02/28/11 22:03	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			02/28/11 22:03	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/28/11 22:03	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			02/28/11 22:03	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			02/28/11 22:03	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			02/28/11 22:03	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			02/28/11 22:03	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			02/28/11 22:03	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			02/28/11 22:03	1
Ethylbenzene	ND		0.50	0.070	ug/L			02/28/11 22:03	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			02/28/11 22:03	1
2-Hexanone	ND		50	2.7	ug/L			02/28/11 22:03	1
Isopropylbenzene	ND		0.50	0.038	ug/L			02/28/11 22:03	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			02/28/11 22:03	1
Methylene Chloride	ND		5.0	1.0	ug/L			02/28/11 22:03	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			02/28/11 22:03	1
Naphthalene	ND		1.0	0.22	ug/L			02/28/11 22:03	1
N-Propylbenzene	ND		1.0	0.056	ug/L			02/28/11 22:03	1
Styrene	ND		0.50	0.075	ug/L			02/28/11 22:03	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			02/28/11 22:03	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			02/28/11 22:03	1

Client Sample ID: INF-001-2-28
Date Collected: 02/28/11 16:30
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.065	ug/L			02/28/11 22:03	1
Toluene	**0.25**	**J**	0.50	0.17	ug/L			02/28/11 22:03	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			02/28/11 22:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			02/28/11 22:03	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			02/28/11 22:03	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			02/28/11 22:03	1
Trichloroethene	**0.083**	**J**	0.50	0.059	ug/L			02/28/11 22:03	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			02/28/11 22:03	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			02/28/11 22:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			02/28/11 22:03	1
1,2,4-Trimethylbenzene	ND		0.50	0.045	ug/L			02/28/11 22:03	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			02/28/11 22:03	1
Vinyl acetate	ND		10	0.60	ug/L			02/28/11 22:03	1
Vinyl chloride	**0.10**	**J**	0.50	0.050	ug/L			02/28/11 22:03	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/28/11 22:03	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			02/28/11 22:03	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/28/11 22:03	1
TBA	ND		4.0	1.9	ug/L			02/28/11 22:03	1
Ethanol	ND		250	40	ug/L			02/28/11 22:03	1
DIPE	**1.5**		0.50	0.050	ug/L			02/28/11 22:03	1
TAME	ND		0.50	0.071	ug/L			02/28/11 22:03	1
Ethyl t-butyl ether	ND		0.50	0.098	ug/L			02/28/11 22:03	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*02/28/11 22:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*67 - 130*		*02/28/11 22:03*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*02/28/11 22:03*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		03/01/11 10:22	03/01/11 18:14	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		03/01/11 10:22	03/01/11 18:14	1
2-Chlorophenol	ND		4.0	0.39	ug/L		03/01/11 10:22	03/01/11 18:14	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		03/01/11 10:22	03/01/11 18:14	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		03/01/11 10:22	03/01/11 18:14	1
Benzyl alcohol	ND		5.1	0.22	ug/L		03/01/11 10:22	03/01/11 18:14	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		03/01/11 10:22	03/01/11 18:14	1
2-Methylphenol	ND		4.0	0.38	ug/L		03/01/11 10:22	03/01/11 18:14	1
4-Methylphenol	ND		8.1	0.66	ug/L		03/01/11 10:22	03/01/11 18:14	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		03/01/11 10:22	03/01/11 18:14	1
Hexachloroethane	ND		2.0	0.21	ug/L		03/01/11 10:22	03/01/11 18:14	1
Nitrobenzene	ND		2.0	0.36	ug/L		03/01/11 10:22	03/01/11 18:14	1
Isophorone	ND		4.0	0.61	ug/L		03/01/11 10:22	03/01/11 18:14	1
2-Nitrophenol	ND		2.0	0.31	ug/L		03/01/11 10:22	03/01/11 18:14	1
2,4-Dimethylphenol	ND		3.0	0.26	ug/L		03/01/11 10:22	03/01/11 18:14	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		03/01/11 10:22	03/01/11 18:14	1
2,4-Dichlorophenol	ND		5.1	0.29	ug/L		03/01/11 10:22	03/01/11 18:14	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		03/01/11 10:22	03/01/11 18:14	1
Naphthalene	ND		2.0	0.24	ug/L		03/01/11 10:22	03/01/11 18:14	1
4-Chloroaniline	ND		2.0	0.27	ug/L		03/01/11 10:22	03/01/11 18:14	1

Client Sample ID: INF-001-2-28
Date Collected: 02/28/11 16:30
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		2.0	0.51	ug/L		03/01/11 10:22	03/01/11 18:14	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		03/01/11 10:22	03/01/11 18:14	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		03/01/11 10:22	03/01/11 18:14	1
Hexachlorocyclopentadiene	ND		5.1	0.34	ug/L		03/01/11 10:22	03/01/11 18:14	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		03/01/11 10:22	03/01/11 18:14	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		03/01/11 10:22	03/01/11 18:14	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		03/01/11 10:22	03/01/11 18:14	1
2-Nitroaniline	ND		10	0.33	ug/L		03/01/11 10:22	03/01/11 18:14	1
Dimethyl phthalate	ND	*	5.1	0.47	ug/L		03/01/11 10:22	03/01/11 18:14	1
Acenaphthylene	ND		4.0	0.43	ug/L		03/01/11 10:22	03/01/11 18:14	1
3-Nitroaniline	ND		5.1	0.93	ug/L		03/01/11 10:22	03/01/11 18:14	1
Acenaphthene	ND		2.0	0.28	ug/L		03/01/11 10:22	03/01/11 18:14	1
2,4-Dinitrophenol	ND		10	0.60	ug/L		03/01/11 10:22	03/01/11 18:14	1
4-Nitrophenol	ND		10	0.36	ug/L		03/01/11 10:22	03/01/11 18:14	1
Dibenzofuran	ND		4.0	0.52	ug/L		03/01/11 10:22	03/01/11 18:14	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		03/01/11 10:22	03/01/11 18:14	1
2,6-Dinitrotoluene	ND		5.1	0.42	ug/L		03/01/11 10:22	03/01/11 18:14	1
Diethyl phthalate	ND		5.1	0.58	ug/L		03/01/11 10:22	03/01/11 18:14	1
4-Chlorophenyl phenyl ether	ND		5.1	0.38	ug/L		03/01/11 10:22	03/01/11 18:14	1
Fluorene	ND		4.0	0.49	ug/L		03/01/11 10:22	03/01/11 18:14	1
4-Nitroaniline	ND		10	0.42	ug/L		03/01/11 10:22	03/01/11 18:14	1
2-Methyl-4,6-dinitrophenol	ND		10	0.60	ug/L		03/01/11 10:22	03/01/11 18:14	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		03/01/11 10:22	03/01/11 18:14	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		03/01/11 10:22	03/01/11 18:14	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		03/01/11 10:22	03/01/11 18:14	1
Pentachlorophenol	ND		10	0.81	ug/L		03/01/11 10:22	03/01/11 18:14	1
Phenanthrene	ND		2.0	0.34	ug/L		03/01/11 10:22	03/01/11 18:14	1
Anthracene	ND		2.0	0.29	ug/L		03/01/11 10:22	03/01/11 18:14	1
Di-n-butyl phthalate	ND		5.1	0.37	ug/L		03/01/11 10:22	03/01/11 18:14	1
Fluoranthene	ND		2.0	0.23	ug/L		03/01/11 10:22	03/01/11 18:14	1
Pyrene	ND		2.0	0.32	ug/L		03/01/11 10:22	03/01/11 18:14	1
Butyl benzyl phthalate	ND		5.1	0.30	ug/L		03/01/11 10:22	03/01/11 18:14	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		03/01/11 10:22	03/01/11 18:14	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		03/01/11 10:22	03/01/11 18:14	1
Bis(2-ethylhexyl) phthalate	**3.7**	**J**	10	1.5	ug/L		03/01/11 10:22	03/01/11 18:14	1
Chrysene	ND		2.0	0.23	ug/L		03/01/11 10:22	03/01/11 18:14	1
Di-n-octyl phthalate	ND		5.1	0.65	ug/L		03/01/11 10:22	03/01/11 18:14	1
Benzo[b]fluoranthene	ND		2.0	0.34	ug/L		03/01/11 10:22	03/01/11 18:14	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		03/01/11 10:22	03/01/11 18:14	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		03/01/11 10:22	03/01/11 18:14	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.39	ug/L		03/01/11 10:22	03/01/11 18:14	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		03/01/11 10:22	03/01/11 18:14	1
Benzoic acid	ND	*	10	1.7	ug/L		03/01/11 10:22	03/01/11 18:14	1
Azobenzene	ND		2.0	0.30	ug/L		03/01/11 10:22	03/01/11 18:14	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		03/01/11 10:22	03/01/11 18:14	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*52*		*25 - 102*	*03/01/11 10:22*	*03/01/11 18:14*	*1*
2-Fluorobiphenyl	*49*		*10 - 101*	*03/01/11 10:22*	*03/01/11 18:14*	*1*
Terphenyl-d14	*63*		*57 - 117*	*03/01/11 10:22*	*03/01/11 18:14*	*1*
2-Fluorophenol	*27*		*10 - 65*	*03/01/11 10:22*	*03/01/11 18:14*	*1*

Client Sample ID: INF-001-2-28
Date Collected: 02/28/11 16:30
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*18*		*10 - 46*	*03/01/11 10:22*	*03/01/11 18:14*	*1*
2,4,6-Tribromophenol	*68*		*34 - 131*	*03/01/11 10:22*	*03/01/11 18:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52	25	ug/L		02/28/11 20:45	03/01/11 11:47	1
Motor Oil Range Organics [C24-C36]	**51**	**J B**	100	38	ug/L		02/28/11 20:45	03/01/11 11:47	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.2*		*0 - 5*	*02/28/11 20:45*	*03/01/11 11:47*	*1*
p-Terphenyl	*93*		*31 - 150*	*02/28/11 20:45*	*03/01/11 11:47*	*1*

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/L		03/01/11 10:15	03/01/11 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	**1100**		10	10	umhos/cm			03/01/11 10:17	1

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33617-1

Client Sample ID: EFF-001-2-28
Date Collected: 02/28/11 16:15
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			02/28/11 21:33	1
Acetone	ND		50	3.7	ug/L			02/28/11 21:33	1
Benzene	ND		0.50	0.075	ug/L			02/28/11 21:33	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			02/28/11 21:33	1
Bromobenzene	ND		1.0	0.056	ug/L			02/28/11 21:33	1
Chlorobromomethane	ND		1.0	0.073	ug/L			02/28/11 21:33	1
Bromoform	ND		1.0	0.080	ug/L			02/28/11 21:33	1
Bromomethane	ND		1.0	0.49	ug/L			02/28/11 21:33	1
2-Butanone (MEK)	ND		50	8.4	ug/L			02/28/11 21:33	1
n-Butylbenzene	ND		1.0	0.10	ug/L			02/28/11 21:33	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			02/28/11 21:33	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			02/28/11 21:33	1
Carbon disulfide	ND		5.0	0.078	ug/L			02/28/11 21:33	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			02/28/11 21:33	1
Chlorobenzene	ND		0.50	0.13	ug/L			02/28/11 21:33	1
Chloroethane	ND		1.0	0.12	ug/L			02/28/11 21:33	1
Chloroform	ND		1.0	0.053	ug/L			02/28/11 21:33	1
Chloromethane	ND		1.0	0.19	ug/L			02/28/11 21:33	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			02/28/11 21:33	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			02/28/11 21:33	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			02/28/11 21:33	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			02/28/11 21:33	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			02/28/11 21:33	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			02/28/11 21:33	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			02/28/11 21:33	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			02/28/11 21:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			02/28/11 21:33	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/28/11 21:33	1
Dibromomethane	ND		0.50	0.067	ug/L			02/28/11 21:33	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			02/28/11 21:33	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			02/28/11 21:33	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/28/11 21:33	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			02/28/11 21:33	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			02/28/11 21:33	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			02/28/11 21:33	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			02/28/11 21:33	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			02/28/11 21:33	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			02/28/11 21:33	1
Ethylbenzene	ND		0.50	0.070	ug/L			02/28/11 21:33	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			02/28/11 21:33	1
2-Hexanone	ND		50	2.7	ug/L			02/28/11 21:33	1
Isopropylbenzene	ND		0.50	0.038	ug/L			02/28/11 21:33	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			02/28/11 21:33	1
Methylene Chloride	ND		5.0	1.0	ug/L			02/28/11 21:33	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			02/28/11 21:33	1
Naphthalene	ND		1.0	0.22	ug/L			02/28/11 21:33	1
N-Propylbenzene	ND		1.0	0.056	ug/L			02/28/11 21:33	1
Styrene	ND		0.50	0.075	ug/L			02/28/11 21:33	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			02/28/11 21:33	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			02/28/11 21:33	1

Client Sample ID: EFF-001-2-28
Date Collected: 02/28/11 16:15
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.065	ug/L			02/28/11 21:33	1
Toluene	ND		0.50	0.17	ug/L			02/28/11 21:33	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			02/28/11 21:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			02/28/11 21:33	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			02/28/11 21:33	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			02/28/11 21:33	1
Trichloroethene	ND		0.50	0.059	ug/L			02/28/11 21:33	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			02/28/11 21:33	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			02/28/11 21:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			02/28/11 21:33	1
1,2,4-Trimethylbenzene	**0.094**	**J B**	0.50	0.045	ug/L			02/28/11 21:33	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			02/28/11 21:33	1
Vinyl acetate	ND		10	0.60	ug/L			02/28/11 21:33	1
Vinyl chloride	ND		0.50	0.050	ug/L			02/28/11 21:33	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/28/11 21:33	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			02/28/11 21:33	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/28/11 21:33	1
TBA	ND		4.0	1.9	ug/L			02/28/11 21:33	1
Ethanol	ND		250	40	ug/L			02/28/11 21:33	1
DIPE	ND		0.50	0.050	ug/L			02/28/11 21:33	1
TAME	ND		0.50	0.071	ug/L			02/28/11 21:33	1
Ethyl t-butyl ether	ND		0.50	0.098	ug/L			02/28/11 21:33	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 130*		*02/28/11 21:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*67 - 130*		*02/28/11 21:33*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*02/28/11 21:33*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		03/01/11 10:22	03/01/11 18:49	1
Bis(2-chloroethyl)ether	ND		2.0	0.31	ug/L		03/01/11 10:22	03/01/11 18:49	1
2-Chlorophenol	ND		4.1	0.40	ug/L		03/01/11 10:22	03/01/11 18:49	1
1,3-Dichlorobenzene	ND		2.0	0.22	ug/L		03/01/11 10:22	03/01/11 18:49	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		03/01/11 10:22	03/01/11 18:49	1
Benzyl alcohol	ND		5.1	0.22	ug/L		03/01/11 10:22	03/01/11 18:49	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		03/01/11 10:22	03/01/11 18:49	1
2-Methylphenol	ND		4.1	0.39	ug/L		03/01/11 10:22	03/01/11 18:49	1
4-Methylphenol	ND		8.2	0.66	ug/L		03/01/11 10:22	03/01/11 18:49	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		03/01/11 10:22	03/01/11 18:49	1
Hexachloroethane	ND		2.0	0.21	ug/L		03/01/11 10:22	03/01/11 18:49	1
Nitrobenzene	ND		2.0	0.37	ug/L		03/01/11 10:22	03/01/11 18:49	1
Isophorone	ND		4.1	0.61	ug/L		03/01/11 10:22	03/01/11 18:49	1
2-Nitrophenol	ND		2.0	0.31	ug/L		03/01/11 10:22	03/01/11 18:49	1
2,4-Dimethylphenol	ND		3.1	0.26	ug/L		03/01/11 10:22	03/01/11 18:49	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		03/01/11 10:22	03/01/11 18:49	1
2,4-Dichlorophenol	ND		5.1	0.30	ug/L		03/01/11 10:22	03/01/11 18:49	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		03/01/11 10:22	03/01/11 18:49	1
Naphthalene	ND		2.0	0.24	ug/L		03/01/11 10:22	03/01/11 18:49	1
4-Chloroaniline	ND		2.0	0.28	ug/L		03/01/11 10:22	03/01/11 18:49	1

Client Sample ID: EFF-001-2-28
Date Collected: 02/28/11 16:15
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		2.0	0.52	ug/L		03/01/11 10:22	03/01/11 18:49	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		03/01/11 10:22	03/01/11 18:49	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		03/01/11 10:22	03/01/11 18:49	1
Hexachlorocyclopentadiene	ND		5.1	0.35	ug/L		03/01/11 10:22	03/01/11 18:49	1
2,4,6-Trichlorophenol	ND		2.0	0.52	ug/L		03/01/11 10:22	03/01/11 18:49	1
2,4,5-Trichlorophenol	ND		4.1	0.38	ug/L		03/01/11 10:22	03/01/11 18:49	1
2-Chloronaphthalene	ND		4.1	0.46	ug/L		03/01/11 10:22	03/01/11 18:49	1
2-Nitroaniline	ND		10	0.33	ug/L		03/01/11 10:22	03/01/11 18:49	1
Dimethyl phthalate	ND	*	5.1	0.47	ug/L		03/01/11 10:22	03/01/11 18:49	1
Acenaphthylene	ND		4.1	0.44	ug/L		03/01/11 10:22	03/01/11 18:49	1
3-Nitroaniline	ND		5.1	0.94	ug/L		03/01/11 10:22	03/01/11 18:49	1
Acenaphthene	ND		2.0	0.29	ug/L		03/01/11 10:22	03/01/11 18:49	1
2,4-Dinitrophenol	ND		10	0.61	ug/L		03/01/11 10:22	03/01/11 18:49	1
4-Nitrophenol	ND		10	0.36	ug/L		03/01/11 10:22	03/01/11 18:49	1
Dibenzofuran	ND		4.1	0.52	ug/L		03/01/11 10:22	03/01/11 18:49	1
2,4-Dinitrotoluene	ND		4.1	0.37	ug/L		03/01/11 10:22	03/01/11 18:49	1
2,6-Dinitrotoluene	ND		5.1	0.43	ug/L		03/01/11 10:22	03/01/11 18:49	1
Diethyl phthalate	ND		5.1	0.58	ug/L		03/01/11 10:22	03/01/11 18:49	1
4-Chlorophenyl phenyl ether	ND		5.1	0.39	ug/L		03/01/11 10:22	03/01/11 18:49	1
Fluorene	ND		4.1	0.50	ug/L		03/01/11 10:22	03/01/11 18:49	1
4-Nitroaniline	ND		10	0.42	ug/L		03/01/11 10:22	03/01/11 18:49	1
2-Methyl-4,6-dinitrophenol	ND		10	0.60	ug/L		03/01/11 10:22	03/01/11 18:49	1
N-Nitrosodiphenylamine	ND		2.0	0.37	ug/L		03/01/11 10:22	03/01/11 18:49	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		03/01/11 10:22	03/01/11 18:49	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		03/01/11 10:22	03/01/11 18:49	1
Pentachlorophenol	ND		10	0.82	ug/L		03/01/11 10:22	03/01/11 18:49	1
Phenanthrene	ND		2.0	0.35	ug/L		03/01/11 10:22	03/01/11 18:49	1
Anthracene	ND		2.0	0.30	ug/L		03/01/11 10:22	03/01/11 18:49	1
Di-n-butyl phthalate	ND		5.1	0.38	ug/L		03/01/11 10:22	03/01/11 18:49	1
Fluoranthene	ND		2.0	0.24	ug/L		03/01/11 10:22	03/01/11 18:49	1
Pyrene	ND		2.0	0.32	ug/L		03/01/11 10:22	03/01/11 18:49	1
Butyl benzyl phthalate	ND		5.1	0.31	ug/L		03/01/11 10:22	03/01/11 18:49	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		03/01/11 10:22	03/01/11 18:49	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		03/01/11 10:22	03/01/11 18:49	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		03/01/11 10:22	03/01/11 18:49	1
Chrysene	ND		2.0	0.23	ug/L		03/01/11 10:22	03/01/11 18:49	1
Di-n-octyl phthalate	ND		5.1	0.66	ug/L		03/01/11 10:22	03/01/11 18:49	1
Benzo[b]fluoranthene	ND		2.0	0.35	ug/L		03/01/11 10:22	03/01/11 18:49	1
Benzo[a]pyrene	ND		2.0	0.25	ug/L		03/01/11 10:22	03/01/11 18:49	1
Benzo[k]fluoranthene	ND		2.0	0.32	ug/L		03/01/11 10:22	03/01/11 18:49	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.40	ug/L		03/01/11 10:22	03/01/11 18:49	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		03/01/11 10:22	03/01/11 18:49	1
Benzoic acid	ND	*	10	1.8	ug/L		03/01/11 10:22	03/01/11 18:49	1
Azobenzene	ND		2.0	0.30	ug/L		03/01/11 10:22	03/01/11 18:49	1
Dibenz(a,h)anthracene	ND		2.0	0.41	ug/L		03/01/11 10:22	03/01/11 18:49	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*57*		*25 - 102*	*03/01/11 10:22*	*03/01/11 18:49*	*1*
2-Fluorobiphenyl	*46*		*10 - 101*	*03/01/11 10:22*	*03/01/11 18:49*	*1*
Terphenyl-d14	*66*		*57 - 117*	*03/01/11 10:22*	*03/01/11 18:49*	*1*
2-Fluorophenol	*29*		*10 - 65*	*03/01/11 10:22*	*03/01/11 18:49*	*1*

Client Sample ID: EFF-001-2-28
Date Collected: 02/28/11 16:15
Date Received: 02/28/11 19:00

Lab Sample ID: 720-33617-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*20*		*10 - 46*	*03/01/11 10:22*	*03/01/11 18:49*	*1*
2,4,6-Tribromophenol	*66*		*34 - 131*	*03/01/11 10:22*	*03/01/11 18:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	24	ug/L		02/28/11 20:45	03/01/11 12:11	1
Motor Oil Range Organics [C24-C36]	**41**	**J B**	100	37	ug/L		02/28/11 20:45	03/01/11 12:11	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.09*		*0 - 5*	*02/28/11 20:45*	*03/01/11 12:11*	*1*
p-Terphenyl	*93*		*31 - 150*	*02/28/11 20:45*	*03/01/11 12:11*	*1*

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/L		03/01/11 10:15	03/01/11 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	**1100**		10	10	umhos/cm			03/01/11 10:19	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.40**		0.100	0.100	SU			02/28/11 20:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-86932/6
Matrix: Water
Analysis Batch: 86932

Client Sample ID: MB 720-86932/6
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			02/28/11 19:00	1
Acetone	ND		50	3.7	ug/L			02/28/11 19:00	1
Benzene	ND		0.50	0.075	ug/L			02/28/11 19:00	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			02/28/11 19:00	1
Bromobenzene	ND		1.0	0.056	ug/L			02/28/11 19:00	1
Chlorobromomethane	ND		1.0	0.073	ug/L			02/28/11 19:00	1
Bromoform	ND		1.0	0.080	ug/L			02/28/11 19:00	1
Bromomethane	ND		1.0	0.49	ug/L			02/28/11 19:00	1
2-Butanone (MEK)	ND		50	8.4	ug/L			02/28/11 19:00	1
n-Butylbenzene	ND		1.0	0.10	ug/L			02/28/11 19:00	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			02/28/11 19:00	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			02/28/11 19:00	1
Carbon disulfide	ND		5.0	0.078	ug/L			02/28/11 19:00	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			02/28/11 19:00	1
Chlorobenzene	ND		0.50	0.13	ug/L			02/28/11 19:00	1
Chloroethane	ND		1.0	0.12	ug/L			02/28/11 19:00	1
Chloroform	ND		1.0	0.053	ug/L			02/28/11 19:00	1
Chloromethane	ND		1.0	0.19	ug/L			02/28/11 19:00	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			02/28/11 19:00	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			02/28/11 19:00	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			02/28/11 19:00	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			02/28/11 19:00	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			02/28/11 19:00	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			02/28/11 19:00	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			02/28/11 19:00	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			02/28/11 19:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			02/28/11 19:00	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/28/11 19:00	1
Dibromomethane	ND		0.50	0.067	ug/L			02/28/11 19:00	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			02/28/11 19:00	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			02/28/11 19:00	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/28/11 19:00	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			02/28/11 19:00	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			02/28/11 19:00	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			02/28/11 19:00	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			02/28/11 19:00	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			02/28/11 19:00	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			02/28/11 19:00	1
Ethylbenzene	ND		0.50	0.070	ug/L			02/28/11 19:00	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			02/28/11 19:00	1
2-Hexanone	ND		50	2.7	ug/L			02/28/11 19:00	1
Isopropylbenzene	ND		0.50	0.038	ug/L			02/28/11 19:00	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			02/28/11 19:00	1
Methylene Chloride	ND		5.0	1.0	ug/L			02/28/11 19:00	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			02/28/11 19:00	1
Naphthalene	ND		1.0	0.22	ug/L			02/28/11 19:00	1
N-Propylbenzene	ND		1.0	0.056	ug/L			02/28/11 19:00	1
Styrene	ND		0.50	0.075	ug/L			02/28/11 19:00	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			02/28/11 19:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-86932/6
Matrix: Water
Analysis Batch: 86932

Client Sample ID: MB 720-86932/6
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			02/28/11 19:00	1
Tetrachloroethene	ND		0.50	0.065	ug/L			02/28/11 19:00	1
Toluene	ND		0.50	0.17	ug/L			02/28/11 19:00	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			02/28/11 19:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			02/28/11 19:00	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			02/28/11 19:00	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			02/28/11 19:00	1
Trichloroethene	ND		0.50	0.059	ug/L			02/28/11 19:00	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			02/28/11 19:00	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			02/28/11 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			02/28/11 19:00	1
1,2,4-Trimethylbenzene	0.0693	J	0.50	0.045	ug/L			02/28/11 19:00	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			02/28/11 19:00	1
Vinyl acetate	ND		10	0.60	ug/L			02/28/11 19:00	1
Vinyl chloride	ND		0.50	0.050	ug/L			02/28/11 19:00	1
m-Xylene & p-Xylene	0.108	J	1.0	0.088	ug/L			02/28/11 19:00	1
o-Xylene	ND		0.50	0.053	ug/L			02/28/11 19:00	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/28/11 19:00	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			02/28/11 19:00	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/28/11 19:00	1
TBA	ND		4.0	1.9	ug/L			02/28/11 19:00	1
Ethanol	ND		250	40	ug/L			02/28/11 19:00	1
DIPE	ND		0.50	0.050	ug/L			02/28/11 19:00	1
TAME	ND		0.50	0.071	ug/L			02/28/11 19:00	1
Ethyl t-butyl ether	ND		0.50	0.098	ug/L			02/28/11 19:00	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*67 - 130*		*02/28/11 19:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*67 - 130*		*02/28/11 19:00*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*02/28/11 19:00*	*1*

Lab Sample ID: LCS 720-86932/7
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCS 720-86932/7
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	26.6		ug/L		106	62 - 130
Acetone	125	82.3		ug/L		66	26 - 180
Benzene	25.0	25.2		ug/L		101	82 - 127
Dichlorobromomethane	25.0	29.7		ug/L		119	70 - 130
Bromobenzene	25.0	26.5		ug/L		106	79 - 127
Chlorobromomethane	25.0	26.2		ug/L		105	70 - 130
Bromoform	25.0	27.2		ug/L		109	68 - 136
Bromomethane	25.0	26.7		ug/L		107	43 - 151
2-Butanone (MEK)	125	97.7		ug/L		78	66 - 149
n-Butylbenzene	25.0	27.3		ug/L		109	79 - 142
sec-Butylbenzene	25.0	26.1		ug/L		104	81 - 134
tert-Butylbenzene	25.0	26.8		ug/L		107	82 - 135
Carbon disulfide	25.0	25.1		ug/L		100	68 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-86932/7
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCS 720-86932/7
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Carbon tetrachloride	25.0	28.0		ug/L		112	77 - 146
Chlorobenzene	25.0	26.6		ug/L		106	70 - 130
Chloroethane	25.0	28.2		ug/L		113	62 - 138
Chloroform	25.0	27.0		ug/L		108	70 - 130
Chloromethane	25.0	24.2		ug/L		97	52 - 175
2-Chlorotoluene	25.0	26.5		ug/L		106	70 - 130
4-Chlorotoluene	25.0	26.5		ug/L		106	70 - 130
Chlorodibromomethane	25.0	30.5		ug/L		122	78 - 145
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	87 - 118
1,3-Dichloropropane	25.0	26.2		ug/L		105	82 - 128
1,1-Dichloropropene	25.0	25.5		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.7		ug/L		107	72 - 136
Ethylene Dibromide	25.0	27.3		ug/L		109	70 - 130
Dibromomethane	25.0	27.3		ug/L		109	70 - 130
Dichlorodifluoromethane	25.0	17.8		ug/L		71	33 - 125
1,1-Dichloroethane	25.0	25.7		ug/L		103	70 - 130
1,2-Dichloroethane	25.0	27.5		ug/L		110	70 - 126
1,1-Dichloroethene	25.0	24.7		ug/L		99	64 - 128
cis-1,2-Dichloroethene	25.0	29.1		ug/L		116	70 - 130
trans-1,2-Dichloroethene	25.0	22.6		ug/L		90	75 - 131
1,2-Dichloropropane	25.0	25.0		ug/L		100	70 - 130
cis-1,3-Dichloropropene	25.0	28.2		ug/L		113	88 - 137
trans-1,3-Dichloropropene	25.0	30.0		ug/L		120	83 - 140
Ethylbenzene	25.0	26.3		ug/L		105	86 - 135
Hexachlorobutadiene	25.0	26.3		ug/L		105	70 - 130
2-Hexanone	125	123		ug/L		98	60 - 164
Isopropylbenzene	25.0	28.1		ug/L		112	70 - 130
4-Isopropyltoluene	25.0	26.9		ug/L		108	70 - 130
Methylene Chloride	25.0	25.6		ug/L		102	73 - 147
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		105	63 - 165
Naphthalene	25.0	26.1		ug/L		104	78 - 135
N-Propylbenzene	25.0	26.0		ug/L		104	70 - 130
Styrene	25.0	28.5		ug/L		114	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.8		ug/L		115	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 130
Tetrachloroethene	25.0	26.6		ug/L		106	70 - 130
Toluene	25.0	25.4		ug/L		102	83 - 129
1,2,3-Trichlorobenzene	25.0	27.2		ug/L		109	70 - 130
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	70 - 130
1,1,1-Trichloroethane	25.0	28.2		ug/L		113	70 - 130
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	82 - 128
Trichloroethene	25.0	26.5		ug/L		106	70 - 130
Trichlorofluoromethane	25.0	27.2		ug/L		109	74 - 146
1,2,3-Trichloropropane	25.0	25.9		ug/L		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.9		ug/L		103	42 - 162
1,2,4-Trimethylbenzene	25.0	27.4		ug/L		110	70 - 132
1,3,5-Trimethylbenzene	25.0	27.7		ug/L		111	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-86932/7
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCS 720-86932/7
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Vinyl acetate	25.0	27.6		ug/L		111	43 - 163
Vinyl chloride	25.0	25.2		ug/L		101	65 - 156
m-Xylene & p-Xylene	50.0	53.0		ug/L		106	70 - 142
o-Xylene	25.0	28.0		ug/L		112	89 - 136
2,2-Dichloropropane	25.0	28.1		ug/L		112	70 - 140
TBA	500	498		ug/L		100	82 - 116
Ethanol	500	636		ug/L		127	31 - 216
DIPE	25.0	25.8		ug/L		103	74 - 155
TAME	25.0	27.4		ug/L		110	79 - 129
Ethyl t-butyl ether	25.0	26.1		ug/L		104	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*67 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCS 720-86932/9
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCS 720-86932/9
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	480		ug/L		96	62 - 117

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-86932/10
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCSD 720-86932/10
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	463		ug/L		93	62 - 117	4	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-86932/8
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCSD 720-86932/8
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	27.1		ug/L		108	62 - 130	2	20
Acetone	125	81.3		ug/L		65	26 - 180	1	30
Benzene	25.0	24.7		ug/L		99	82 - 127	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-86932/8
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCSD 720-86932/8
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	25.0	29.4		ug/L		117	70 - 130	1	20
Bromobenzene	25.0	26.0		ug/L		104	79 - 127	2	20
Chlorobromomethane	25.0	25.8		ug/L		103	70 - 130	2	20
Bromoform	25.0	26.8		ug/L		107	68 - 136	2	20
Bromomethane	25.0	25.1		ug/L		100	43 - 151	6	20
2-Butanone (MEK)	125	105		ug/L		84	66 - 149	7	20
n-Butylbenzene	25.0	26.2		ug/L		105	79 - 142	4	20
sec-Butylbenzene	25.0	25.0		ug/L		100	81 - 134	4	20
tert-Butylbenzene	25.0	26.0		ug/L		104	82 - 135	3	20
Carbon disulfide	25.0	23.8		ug/L		95	68 - 137	5	20
Carbon tetrachloride	25.0	26.8		ug/L		107	77 - 146	4	20
Chlorobenzene	25.0	25.8		ug/L		103	70 - 130	3	20
Chloroethane	25.0	26.0		ug/L		104	62 - 138	8	20
Chloroform	25.0	26.4		ug/L		106	70 - 130	2	20
Chloromethane	25.0	23.0		ug/L		92	52 - 175	5	20
2-Chlorotoluene	25.0	25.9		ug/L		104	70 - 130	2	20
4-Chlorotoluene	25.0	25.9		ug/L		104	70 - 130	2	20
Chlorodibromomethane	25.0	29.8		ug/L		119	78 - 145	2	20
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130	2	20
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	3	20
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	87 - 118	3	20
1,3-Dichloropropane	25.0	26.1		ug/L		104	82 - 128	0	20
1,1-Dichloropropene	25.0	24.2		ug/L		97	70 - 130	5	20
1,2-Dibromo-3-Chloropropane	25.0	27.9		ug/L		112	72 - 136	4	20
Ethylene Dibromide	25.0	27.1		ug/L		108	70 - 130	1	20
Dibromomethane	25.0	27.1		ug/L		108	70 - 130	1	20
Dichlorodifluoromethane	25.0	16.5		ug/L		66	33 - 125	7	20
1,1-Dichloroethane	25.0	24.9		ug/L		100	70 - 130	3	20
1,2-Dichloroethane	25.0	27.0		ug/L		108	70 - 126	2	20
1,1-Dichloroethene	25.0	23.5		ug/L		94	64 - 128	5	20
cis-1,2-Dichloroethene	25.0	28.3		ug/L		113	70 - 130	3	20
trans-1,2-Dichloroethene	25.0	21.9		ug/L		87	75 - 131	3	20
1,2-Dichloropropane	25.0	24.4		ug/L		97	70 - 130	2	20
cis-1,3-Dichloropropene	25.0	27.7		ug/L		111	88 - 137	2	20
trans-1,3-Dichloropropene	25.0	29.6		ug/L		118	83 - 140	2	20
Ethylbenzene	25.0	25.9		ug/L		103	86 - 135	2	20
Hexachlorobutadiene	25.0	25.8		ug/L		103	70 - 130	2	20
2-Hexanone	125	125		ug/L		100	60 - 164	2	20
Isopropylbenzene	25.0	27.1		ug/L		108	70 - 130	4	20
4-Isopropyltoluene	25.0	25.8		ug/L		103	70 - 130	4	20
Methylene Chloride	25.0	25.0		ug/L		100	73 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	63 - 165	3	20
Naphthalene	25.0	27.4		ug/L		110	78 - 135	5	20
N-Propylbenzene	25.0	25.0		ug/L		100	70 - 130	4	20
Styrene	25.0	27.5		ug/L		110	70 - 130	4	20
1,1,1,2-Tetrachloroethane	25.0	28.1		ug/L		112	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		100	70 - 130	2	20
Tetrachloroethene	25.0	25.3		ug/L		101	70 - 130	5	20
Toluene	25.0	24.7		ug/L		99	83 - 129	3	20
1,2,3-Trichlorobenzene	25.0	27.6		ug/L		110	70 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-86932/8
Matrix: Water
Analysis Batch: 86932

Client Sample ID: LCSD 720-86932/8
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			25.0	26.9		ug/L		108	70 - 130	1	20
1,1,1-Trichloroethane			25.0	27.2		ug/L		109	70 - 130	4	20
1,1,2-Trichloroethane			25.0	26.0		ug/L		104	82 - 128	1	20
Trichloroethene			25.0	25.9		ug/L		104	70 - 130	2	20
Trichlorofluoromethane			25.0	25.3		ug/L		101	74 - 146	7	20
1,2,3-Trichloropropane			25.0	26.7		ug/L		107	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	24.5		ug/L		98	42 - 162	5	20
1,2,4-Trimethylbenzene			25.0	26.7		ug/L		107	70 - 132	3	20
1,3,5-Trimethylbenzene			25.0	27.0		ug/L		108	70 - 130	2	20
Vinyl acetate			25.0	28.3		ug/L		113	43 - 163	3	20
Vinyl chloride			25.0	25.7		ug/L		103	65 - 156	2	20
m-Xylene & p-Xylene			50.0	51.4		ug/L		103	70 - 142	3	20
o-Xylene			25.0	26.9		ug/L		108	89 - 136	4	20
2,2-Dichloropropane			25.0	26.7		ug/L		107	70 - 140	5	20
TBA			500	487		ug/L		97	82 - 116	2	20
Ethanol			500	506		ug/L		101	31 - 216	23	30
DIPE			25.0	25.5		ug/L		102	74 - 155	1	20
TAME			25.0	28.1		ug/L		112	79 - 129	2	20
Ethyl t-butyl ether			25.0	26.6		ug/L		106	70 - 130	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*67 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-86975/1-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: MB 720-86975/1-A
Prep Type: Total/NA
Prep Batch: 86975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.62	ug/L		03/01/11 10:22	03/01/11 16:30	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		03/01/11 10:22	03/01/11 16:30	1
2-Chlorophenol	ND		4.0	0.39	ug/L		03/01/11 10:22	03/01/11 16:30	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		03/01/11 10:22	03/01/11 16:30	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		03/01/11 10:22	03/01/11 16:30	1
Benzyl alcohol	ND		5.0	0.22	ug/L		03/01/11 10:22	03/01/11 16:30	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		03/01/11 10:22	03/01/11 16:30	1
2-Methylphenol	ND		4.0	0.38	ug/L		03/01/11 10:22	03/01/11 16:30	1
4-Methylphenol	ND		8.0	0.65	ug/L		03/01/11 10:22	03/01/11 16:30	1
N-Nitrosodi-n-propylamine	ND		2.0	0.40	ug/L		03/01/11 10:22	03/01/11 16:30	1
Hexachloroethane	ND		2.0	0.20	ug/L		03/01/11 10:22	03/01/11 16:30	1
Nitrobenzene	ND		2.0	0.36	ug/L		03/01/11 10:22	03/01/11 16:30	1
Isophorone	ND		4.0	0.60	ug/L		03/01/11 10:22	03/01/11 16:30	1
2-Nitrophenol	ND		2.0	0.31	ug/L		03/01/11 10:22	03/01/11 16:30	1
2,4-Dimethylphenol	ND		3.0	0.26	ug/L		03/01/11 10:22	03/01/11 16:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.23	ug/L		03/01/11 10:22	03/01/11 16:30	1
2,4-Dichlorophenol	ND		5.0	0.29	ug/L		03/01/11 10:22	03/01/11 16:30	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-86975/1-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: MB 720-86975/1-A
Prep Type: Total/NA
Prep Batch: 86975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.0	0.45	ug/L		03/01/11 10:22	03/01/11 16:30	1
Naphthalene	ND		2.0	0.24	ug/L		03/01/11 10:22	03/01/11 16:30	1
4-Chloroaniline	ND		2.0	0.27	ug/L		03/01/11 10:22	03/01/11 16:30	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		03/01/11 10:22	03/01/11 16:30	1
4-Chloro-3-methylphenol	ND		5.0	0.23	ug/L		03/01/11 10:22	03/01/11 16:30	1
2-Methylnaphthalene	ND		2.0	0.22	ug/L		03/01/11 10:22	03/01/11 16:30	1
Hexachlorocyclopentadiene	ND		5.0	0.34	ug/L		03/01/11 10:22	03/01/11 16:30	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		03/01/11 10:22	03/01/11 16:30	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		03/01/11 10:22	03/01/11 16:30	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		03/01/11 10:22	03/01/11 16:30	1
2-Nitroaniline	ND		10	0.32	ug/L		03/01/11 10:22	03/01/11 16:30	1
Dimethyl phthalate	ND		5.0	0.46	ug/L		03/01/11 10:22	03/01/11 16:30	1
Acenaphthylene	ND		4.0	0.43	ug/L		03/01/11 10:22	03/01/11 16:30	1
3-Nitroaniline	ND		5.0	0.92	ug/L		03/01/11 10:22	03/01/11 16:30	1
Acenaphthene	ND		2.0	0.28	ug/L		03/01/11 10:22	03/01/11 16:30	1
2,4-Dinitrophenol	ND		10	0.59	ug/L		03/01/11 10:22	03/01/11 16:30	1
4-Nitrophenol	ND		10	0.36	ug/L		03/01/11 10:22	03/01/11 16:30	1
Dibenzofuran	ND		4.0	0.51	ug/L		03/01/11 10:22	03/01/11 16:30	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		03/01/11 10:22	03/01/11 16:30	1
2,6-Dinitrotoluene	ND		5.0	0.42	ug/L		03/01/11 10:22	03/01/11 16:30	1
Diethyl phthalate	ND		5.0	0.57	ug/L		03/01/11 10:22	03/01/11 16:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.38	ug/L		03/01/11 10:22	03/01/11 16:30	1
Fluorene	ND		4.0	0.49	ug/L		03/01/11 10:22	03/01/11 16:30	1
4-Nitroaniline	ND		10	0.42	ug/L		03/01/11 10:22	03/01/11 16:30	1
2-Methyl-4,6-dinitrophenol	ND		10	0.59	ug/L		03/01/11 10:22	03/01/11 16:30	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		03/01/11 10:22	03/01/11 16:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.27	ug/L		03/01/11 10:22	03/01/11 16:30	1
Hexachlorobenzene	ND		2.0	0.32	ug/L		03/01/11 10:22	03/01/11 16:30	1
Pentachlorophenol	ND		10	0.80	ug/L		03/01/11 10:22	03/01/11 16:30	1
Phenanthrene	ND		2.0	0.34	ug/L		03/01/11 10:22	03/01/11 16:30	1
Anthracene	ND		2.0	0.29	ug/L		03/01/11 10:22	03/01/11 16:30	1
Di-n-butyl phthalate	ND		5.0	0.37	ug/L		03/01/11 10:22	03/01/11 16:30	1
Fluoranthene	ND		2.0	0.23	ug/L		03/01/11 10:22	03/01/11 16:30	1
Pyrene	ND		2.0	0.32	ug/L		03/01/11 10:22	03/01/11 16:30	1
Butyl benzyl phthalate	ND		5.0	0.30	ug/L		03/01/11 10:22	03/01/11 16:30	1
3,3'-Dichlorobenzidine	ND		5.0	0.21	ug/L		03/01/11 10:22	03/01/11 16:30	1
Benzo[a]anthracene	ND		5.0	0.65	ug/L		03/01/11 10:22	03/01/11 16:30	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		03/01/11 10:22	03/01/11 16:30	1
Chrysene	ND		2.0	0.23	ug/L		03/01/11 10:22	03/01/11 16:30	1
Di-n-octyl phthalate	ND		5.0	0.64	ug/L		03/01/11 10:22	03/01/11 16:30	1
Benzo[b]fluoranthene	ND		2.0	0.34	ug/L		03/01/11 10:22	03/01/11 16:30	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		03/01/11 10:22	03/01/11 16:30	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		03/01/11 10:22	03/01/11 16:30	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.39	ug/L		03/01/11 10:22	03/01/11 16:30	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		03/01/11 10:22	03/01/11 16:30	1
Benzoic acid	ND		10	1.7	ug/L		03/01/11 10:22	03/01/11 16:30	1
Azobenzene	ND		2.0	0.30	ug/L		03/01/11 10:22	03/01/11 16:30	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		03/01/11 10:22	03/01/11 16:30	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-86975/1-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: MB 720-86975/1-A
Prep Type: Total/NA
Prep Batch: 86975

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	46		25 - 102	03/01/11 10:22	03/01/11 16:30	1
2-Fluorobiphenyl	42		10 - 101	03/01/11 10:22	03/01/11 16:30	1
Terphenyl-d14	63		57 - 117	03/01/11 10:22	03/01/11 16:30	1
2-Fluorophenol	25		10 - 65	03/01/11 10:22	03/01/11 16:30	1
Phenol-d5	16		10 - 46	03/01/11 10:22	03/01/11 16:30	1
2,4,6-Tribromophenol	41		34 - 131	03/01/11 10:22	03/01/11 16:30	1

Lab Sample ID: LCS 720-86975/2-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: LCS 720-86975/2-A
Prep Type: Total/NA
Prep Batch: 86975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Phenol	49.8	8.12		ug/L		16	10 - 115
Bis(2-chloroethyl)ether	49.2	16.0		ug/L		32	12 - 115
2-Chlorophenol	49.8	14.5		ug/L		29	14 - 115
1,3-Dichlorobenzene	49.2	13.3		ug/L		27	13 - 115
1,4-Dichlorobenzene	49.2	13.9		ug/L		28	14 - 115
Benzyl alcohol	49.7	16.9		ug/L		34	19 - 115
1,2-Dichlorobenzene	49.3	14.4		ug/L		29	17 - 115
2-Methylphenol	49.2	14.5		ug/L		29	13 - 115
4-Methylphenol	100	22.6		ug/L		23	10 - 115
N-Nitrosodi-n-propylamine	49.4	16.5		ug/L		33	17 - 115
Hexachloroethane	49.6	12.4		ug/L		25	9 - 115
Nitrobenzene	49.0	16.0		ug/L		33	18 - 115
Isophorone	49.1	16.2		ug/L		33	18 - 134
2-Nitrophenol	49.5	16.1		ug/L		33	14 - 115
2,4-Dimethylphenol	48.6	14.3		ug/L		29	10 - 119
Bis(2-chloroethoxy)methane	49.3	14.3		ug/L		29	10 - 119
2,4-Dichlorophenol	49.9	15.0		ug/L		30	13 - 118
1,2,4-Trichlorobenzene	49.2	14.0		ug/L		28	17 - 115
Naphthalene	49.9	15.5		ug/L		31	12 - 115
4-Chloroaniline	47.8	20.0		ug/L		42	26 - 115
Hexachlorobutadiene	49.8	13.5		ug/L		27	12 - 115
4-Chloro-3-methylphenol	49.6	15.6		ug/L		32	19 - 128
2-Methylnaphthalene	49.3	13.7		ug/L		28	16 - 115
Hexachlorocyclopentadiene	53.1	16.7		ug/L		31	10 - 115
2,4,6-Trichlorophenol	49.4	16.9		ug/L		34	20 - 120
2,4,5-Trichlorophenol	49.7	17.0		ug/L		34	22 - 117
2-Chloronaphthalene	49.9	16.1		ug/L		32	17 - 115
2-Nitroaniline	50.6	23.2		ug/L		46	37 - 119
Dimethyl phthalate	50.2	24.9		ug/L		50	48 - 127
Acenaphthylene	50.4	18.6		ug/L		37	29 - 129
3-Nitroaniline	51.2	34.0		ug/L		66	40 - 115
Acenaphthene	50.5	18.4		ug/L		37	25 - 115
2,4-Dinitrophenol	50.6	33.1		ug/L		65	44 - 116
4-Nitrophenol	50.7	22.5		ug/L		44	20 - 115
Dibenzofuran	50.2	19.5		ug/L		39	28 - 115
2,4-Dinitrotoluene	49.8	36.1		ug/L		72	61 - 118
2,6-Dinitrotoluene	50.6	25.9		ug/L		51	46 - 119

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-86975/2-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: LCS 720-86975/2-A
Prep Type: Total/NA
Prep Batch: 86975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diethyl phthalate	50.6	35.6		ug/L		71	59 - 115
4-Chlorophenyl phenyl ether	50.0	20.9		ug/L		42	32 - 115
Fluorene	50.2	20.2		ug/L		40	39 - 115
4-Nitroaniline	49.4	40.2		ug/L		81	67 - 115
2-Methyl-4,6-dinitrophenol	50.6	38.5		ug/L		76	53 - 115
N-Nitrosodiphenylamine	46.8	35.7		ug/L		76	57 - 115
4-Bromophenyl phenyl ether	50.0	23.5		ug/L		47	42 - 115
Hexachlorobenzene	50.2	27.0		ug/L		54	49 - 115
Pentachlorophenol	50.8	38.4		ug/L		76	54 - 115
Phenanthrene	49.8	31.9		ug/L		64	54 - 115
Anthracene	49.6	35.3		ug/L		71	54 - 115
Di-n-butyl phthalate	50.0	37.6		ug/L		75	58 - 115
Fluoranthene	49.6	37.4		ug/L		75	65 - 115
Pyrene	49.6	39.2		ug/L		79	64 - 122
Butyl benzyl phthalate	53.7	42.6		ug/L		79	37 - 115
3,3'-Dichlorobenzidine	49.8	34.7		ug/L		70	45 - 119
Benzo[a]anthracene	48.6	39.8		ug/L		82	63 - 116
Bis(2-ethylhexyl) phthalate	50.4	40.1		ug/L		80	59 - 115
Chrysene	49.0	41.0		ug/L		84	70 - 115
Di-n-octyl phthalate	51.4	36.5		ug/L		71	12 - 115
Benzo[b]fluoranthene	51.2	48.7		ug/L		95	66 - 115
Benzo[a]pyrene	43.9	40.6		ug/L		93	62 - 121
Benzo[k]fluoranthene	51.6	44.2		ug/L		86	66 - 115
Indeno[1,2,3-cd]pyrene	49.6	46.8		ug/L		94	68 - 115
Benzo[g,h,i]perylene	47.4	47.5		ug/L		100	67 - 128
Benzoic acid	50.8	3.56	J *	ug/L		7	10 - 115
Azobenzene	50.4	24.1		ug/L		48	42 - 115
Dibenz(a,h)anthracene	48.6	44.5		ug/L		92	65 - 121

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*31*		*25 - 102*
2-Fluorobiphenyl	*31*		*10 - 101*
Terphenyl-d14	*75*		*57 - 117*
2-Fluorophenol	*17*		*10 - 65*
Phenol-d5	*13*		*10 - 46*
2,4,6-Tribromophenol	*57*		*34 - 131*

Lab Sample ID: LCSD 720-86975/3-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: LCSD 720-86975/3-A
Prep Type: Total/NA
Prep Batch: 86975

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Phenol	49.8	8.40		ug/L		17	10 - 115	3	51
Bis(2-chloroethyl)ether	49.2	18.0		ug/L		37	12 - 115	12	35
2-Chlorophenol	49.8	15.5		ug/L		31	14 - 115	7	40
1,3-Dichlorobenzene	49.2	15.7		ug/L		32	13 - 115	17	40
1,4-Dichlorobenzene	49.2	14.9		ug/L		30	14 - 115	7	41
Benzyl alcohol	49.7	17.1		ug/L		35	19 - 115	1	35
1,2-Dichlorobenzene	49.3	16.9		ug/L		34	17 - 115	16	35

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-86975/3-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: LCSD 720-86975/3-A
Prep Type: Total/NA
Prep Batch: 86975

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Methylphenol	49.2	15.6		ug/L		32	13 - 115	7	35
4-Methylphenol	100	26.6		ug/L		27	10 - 115	16	35
N-Nitrosodi-n-propylamine	49.4	17.3		ug/L		35	17 - 115	5	34
Hexachloroethane	49.6	15.0		ug/L		30	9 - 115	19	35
Nitrobenzene	49.0	18.5		ug/L		38	18 - 115	14	43
Isophorone	49.1	18.5		ug/L		38	18 - 134	13	39
2-Nitrophenol	49.5	20.5		ug/L		41	14 - 115	24	46
2,4-Dimethylphenol	48.6	18.7		ug/L		38	10 - 119	27	44
Bis(2-chloroethoxy)methane	49.3	17.2		ug/L		35	10 - 119	18	46
2,4-Dichlorophenol	49.9	18.5		ug/L		37	13 - 118	21	38
1,2,4-Trichlorobenzene	49.2	16.6		ug/L		34	17 - 115	17	51
Naphthalene	49.9	18.6		ug/L		37	12 - 115	18	42
4-Chloroaniline	47.8	19.3		ug/L		40	26 - 115	4	49
Hexachlorobutadiene	49.8	16.5		ug/L		33	12 - 115	20	46
4-Chloro-3-methylphenol	49.6	17.6		ug/L		36	19 - 128	12	40
2-Methylnaphthalene	49.3	17.1		ug/L		35	16 - 115	22	45
Hexachlorocyclopentadiene	53.1	20.1		ug/L		38	10 - 115	19	63
2,4,6-Trichlorophenol	49.4	18.6		ug/L		38	20 - 120	9	43
2,4,5-Trichlorophenol	49.7	18.6		ug/L		38	22 - 117	9	41
2-Chloronaphthalene	49.9	19.7		ug/L		40	17 - 115	20	49
2-Nitroaniline	50.6	24.6		ug/L		49	37 - 119	6	29
Dimethyl phthalate	50.2	23.2	*	ug/L		46	48 - 127	7	29
Acenaphthylene	50.4	22.3		ug/L		44	29 - 129	18	40
3-Nitroaniline	51.2	29.9		ug/L		58	40 - 115	13	30
Acenaphthene	50.5	19.4		ug/L		38	25 - 115	5	40
2,4-Dinitrophenol	50.6	34.4		ug/L		68	44 - 116	4	21
4-Nitrophenol	50.7	20.8		ug/L		41	20 - 115	8	32
Dibenzofuran	50.2	18.7		ug/L		37	28 - 115	4	46
2,4-Dinitrotoluene	49.8	34.8		ug/L		70	61 - 118	4	19
2,6-Dinitrotoluene	50.6	24.1		ug/L		48	46 - 119	7	26
Diethyl phthalate	50.6	30.6		ug/L		60	59 - 115	15	24
4-Chlorophenyl phenyl ether	50.0	20.8		ug/L		42	32 - 115	0	38
Fluorene	50.2	23.1		ug/L		46	39 - 115	14	39
4-Nitroaniline	49.4	33.4		ug/L		68	67 - 115	19	23
2-Methyl-4,6-dinitrophenol	50.6	39.6		ug/L		78	53 - 115	3	19
N-Nitrosodiphenylamine	46.8	32.3		ug/L		69	57 - 115	10	27
4-Bromophenyl phenyl ether	50.0	26.1		ug/L		52	42 - 115	11	29
Hexachlorobenzene	50.2	32.4		ug/L		65	49 - 115	18	28
Pentachlorophenol	50.8	41.5		ug/L		82	54 - 115	8	22
Phenanthrene	49.8	33.5		ug/L		67	54 - 115	5	35
Anthracene	49.6	36.5		ug/L		74	54 - 115	3	25
Di-n-butyl phthalate	50.0	45.2		ug/L		90	58 - 115	18	26
Fluoranthene	49.6	38.4		ug/L		78	65 - 115	3	26
Pyrene	49.6	38.0		ug/L		77	64 - 122	3	22
Butyl benzyl phthalate	53.7	40.8		ug/L		76	37 - 115	4	21
3,3'-Dichlorobenzidine	49.8	31.3		ug/L		63	45 - 119	10	30
Benzo[a]anthracene	48.6	35.4		ug/L		73	63 - 116	12	24
Bis(2-ethylhexyl) phthalate	50.4	36.4		ug/L		72	59 - 115	10	30
Chrysene	49.0	39.3		ug/L		80	70 - 115	4	24
Di-n-octyl phthalate	51.4	35.0		ug/L		68	12 - 115	4	27

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-86975/3-A
Matrix: Water
Analysis Batch: 86992

Client Sample ID: LCSD 720-86975/3-A
Prep Type: Total/NA
Prep Batch: 86975

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzo[b]fluoranthene			51.2	38.6		ug/L		75	66 - 115	23	31
Benzo[a]pyrene			43.9	33.8		ug/L		77	62 - 121	18	23
Benzo[k]fluoranthene			51.6	42.0		ug/L		81	66 - 115	5	39
Indeno[1,2,3-cd]pyrene			49.6	39.0		ug/L		79	68 - 115	18	19
Benzo[g,h,i]perylene			47.4	40.7		ug/L		86	67 - 128	15	35
Benzoic acid			50.8	4.67	J *	ug/L		9	10 - 115	27	56
Azobenzene			50.4	24.3		ug/L		48	42 - 115	1	35
Dibenz(a,h)anthracene			48.6	39.2		ug/L		81	65 - 121	13	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*38*		*25 - 102*
2-Fluorobiphenyl	*36*		*10 - 101*
Terphenyl-d14	*77*		*57 - 117*
2-Fluorophenol	*20*		*10 - 65*
Phenol-d5	*14*		*10 - 46*
2,4,6-Tribromophenol	*51*		*34 - 131*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-86913/1-A
Matrix: Water
Analysis Batch: 86950

Client Sample ID: MB 720-86913/1-A
Prep Type: Silica Gel Cleanup
Prep Batch: 86913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		02/28/11 13:26	03/01/11 09:07	1
Motor Oil Range Organics [C24-C36]	58.0	J	99	37	ug/L		02/28/11 13:26	03/01/11 09:07	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.07*		*0 - 5*	*02/28/11 13:26*	*03/01/11 09:07*	*1*
p-Terphenyl	*88*		*31 - 150*	*02/28/11 13:26*	*03/01/11 09:07*	*1*

Lab Sample ID: LCS 720-86913/2-A
Matrix: Water
Analysis Batch: 86950

Client Sample ID: LCS 720-86913/2-A
Prep Type: Silica Gel Cleanup
Prep Batch: 86913

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1200		ug/L		48	32 - 119		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*103*		*31 - 150*

Lab Sample ID: LCSD 720-86913/3-A
Matrix: Water
Analysis Batch: 86950

Client Sample ID: LCSD 720-86913/3-A
Prep Type: Silica Gel Cleanup
Prep Batch: 86913

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1150		ug/L		46	32 - 119	4	35

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-86913/3-A
Matrix: Water
Analysis Batch: 86950

Client Sample ID: LCSD 720-86913/3-A
Prep Type: Silica Gel Cleanup
Prep Batch: 86913

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
p-Terphenyl	*97*		*31 - 150*

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-86972/1-A
Matrix: Water
Analysis Batch: 86997

Client Sample ID: MB 720-86972/1-A
Prep Type: Total/NA
Prep Batch: 86972

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/L		03/01/11 10:15	03/01/11 14:34	1

Lab Sample ID: LCS 720-86972/2-A
Matrix: Water
Analysis Batch: 86997

Client Sample ID: LCS 720-86972/2-A
Prep Type: Total/NA
Prep Batch: 86972

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.0100	0.0102		mg/L		102	80 - 120

Lab Sample ID: LCSD 720-86972/3-A
Matrix: Water
Analysis Batch: 86997

Client Sample ID: LCSD 720-86972/3-A
Prep Type: Total/NA
Prep Batch: 86972

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.0101		mg/L		101	80 - 120	2	20

Lab Sample ID: 720-33617-1 MS
Matrix: Water
Analysis Batch: 86997

Client Sample ID: INF-001-2-28
Prep Type: Total/NA
Prep Batch: 86972

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	ND		0.0100	0.0103		mg/L		103	75 - 125

Lab Sample ID: 720-33617-1 MSD
Matrix: Water
Analysis Batch: 86997

Client Sample ID: INF-001-2-28
Prep Type: Total/NA
Prep Batch: 86972

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.0101		mg/L		101	75 - 125	2	20

Method: 120.1 - Conductivity, Specific Conductance

Lab Sample ID: MB 720-86985/2
Matrix: Water
Analysis Batch: 86985

Client Sample ID: MB 720-86985/2
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	ND		10	10	umhos/cm			03/01/11 10:11	1

Method: 120.1 - Conductivity, Specific Conductance (Continued)

Lab Sample ID: LCS 720-86985/3
Matrix: Water
Analysis Batch: 86985

Client Sample ID: LCS 720-86985/3
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Specific Conductance			1000	990		umhos/cm		99	90 - 110		

Lab Sample ID: LCSD 720-86985/4
Matrix: Water
Analysis Batch: 86985

Client Sample ID: LCSD 720-86985/4
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Specific Conductance			1000	988		umhos/cm		99	90 - 110	0	20

Method: 9040B - pH

Lab Sample ID: LCS 720-86885/1
Matrix: Water
Analysis Batch: 86885

Client Sample ID: LCS 720-86885/1
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
pH			7.00	6.960		SU		99	99 - 101		

Lab Sample ID: 720-33617-2 DU
Matrix: Water
Analysis Batch: 86885

Client Sample ID: EFF-001-2-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.40			8.430		SU				0.4	5

GC/MS VOA

Analysis Batch: 86932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86932/10	LCSD 720-86932/10	Total/NA	Water	8260B	
720-33617-2	EFF-001-2-28	Total/NA	Water	8260B	
720-33617-1	INF-001-2-28	Total/NA	Water	8260B	
MB 720-86932/6	MB 720-86932/6	Total/NA	Water	8260B	
LCS 720-86932/7	LCS 720-86932/7	Total/NA	Water	8260B	
LCSD 720-86932/8	LCSD 720-86932/8	Total/NA	Water	8260B	
LCS 720-86932/9	LCS 720-86932/9	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 86975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86975/1-A	MB 720-86975/1-A	Total/NA	Water	3510C	
LCS 720-86975/2-A	LCS 720-86975/2-A	Total/NA	Water	3510C	
LCSD 720-86975/3-A	LCSD 720-86975/3-A	Total/NA	Water	3510C	
720-33617-1	INF-001-2-28	Total/NA	Water	3510C	
720-33617-2	EFF-001-2-28	Total/NA	Water	3510C	

Analysis Batch: 86992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33617-2	EFF-001-2-28	Total/NA	Water	8270C	86975
MB 720-86975/1-A	MB 720-86975/1-A	Total/NA	Water	8270C	86975
LCS 720-86975/2-A	LCS 720-86975/2-A	Total/NA	Water	8270C	86975
LCSD 720-86975/3-A	LCSD 720-86975/3-A	Total/NA	Water	8270C	86975
720-33617-1	INF-001-2-28	Total/NA	Water	8270C	86975

GC Semi VOA

Prep Batch: 86913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86913/1-A	MB 720-86913/1-A	Silica Gel Cleanup	Water	3510C SGC	
720-33617-1	INF-001-2-28	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-86913/2-A	LCS 720-86913/2-A	Silica Gel Cleanup	Water	3510C SGC	
720-33617-2	EFF-001-2-28	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-86913/3-A	LCSD 720-86913/3-A	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 86950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33617-1	INF-001-2-28	Silica Gel Cleanup	Water	8015B	86913
720-33617-2	EFF-001-2-28	Silica Gel Cleanup	Water	8015B	86913
MB 720-86913/1-A	MB 720-86913/1-A	Silica Gel Cleanup	Water	8015B	86913
LCS 720-86913/2-A	LCS 720-86913/2-A	Silica Gel Cleanup	Water	8015B	86913
LCSD 720-86913/3-A	LCSD 720-86913/3-A	Silica Gel Cleanup	Water	8015B	86913

Metals

Prep Batch: 86972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86972/1-A	MB 720-86972/1-A	Total/NA	Water	7470A	
LCS 720-86972/2-A	LCS 720-86972/2-A	Total/NA	Water	7470A	
LCSD 720-86972/3-A	LCSD 720-86972/3-A	Total/NA	Water	7470A	
720-33617-1 MS	INF-001-2-28	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 86972 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33617-1 MSD	INF-001-2-28	Total/NA	Water	7470A	
720-33617-1	INF-001-2-28	Total/NA	Water	7470A	
720-33617-2	EFF-001-2-28	Total/NA	Water	7470A	

Analysis Batch: 86997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33617-1	INF-001-2-28	Total/NA	Water	7470A	86972
720-33617-2	EFF-001-2-28	Total/NA	Water	7470A	86972
MB 720-86972/1-A	MB 720-86972/1-A	Total/NA	Water	7470A	86972
LCS 720-86972/2-A	LCS 720-86972/2-A	Total/NA	Water	7470A	86972
LCSD 720-86972/3-A	LCSD 720-86972/3-A	Total/NA	Water	7470A	86972
720-33617-1 MS	INF-001-2-28	Total/NA	Water	7470A	86972
720-33617-1 MSD	INF-001-2-28	Total/NA	Water	7470A	86972

General Chemistry

Analysis Batch: 86885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86885/1	LCS 720-86885/1	Total/NA	Water	9040B	
720-33617-2	EFF-001-2-28	Total/NA	Water	9040B	
720-33617-2 DU	EFF-001-2-28	Total/NA	Water	9040B	

Analysis Batch: 86985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86985/2	MB 720-86985/2	Total/NA	Water	120.1	
LCS 720-86985/3	LCS 720-86985/3	Total/NA	Water	120.1	
LCSD 720-86985/4	LCSD 720-86985/4	Total/NA	Water	120.1	
720-33617-1	INF-001-2-28	Total/NA	Water	120.1	
720-33617-2	EFF-001-2-28	Total/NA	Water	120.1	

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33617-1

Client Sample ID: INF-001-2-28

Lab Sample ID: 720-33617-1

Date Collected: 02/28/11 16:30

Matrix: Water

Date Received: 02/28/11 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86932	02/28/11 22:03	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86975	03/01/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	86992	03/01/11 18:14	ML	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86913	02/28/11 20:45	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86950	03/01/11 11:47	DH	TestAmerica San Francisco
Total/NA	Prep	7470A			86972	03/01/11 10:15	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86997	03/01/11 14:51	ET	TestAmerica San Francisco
Total/NA	Analysis	120.1		1	86985	03/01/11 10:17	daf	TestAmerica San Francisco

Client Sample ID: EFF-001-2-28

Lab Sample ID: 720-33617-2

Date Collected: 02/28/11 16:15

Matrix: Water

Date Received: 02/28/11 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	86932	02/28/11 21:33	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86975	03/01/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	86992	03/01/11 18:49	ML	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			86913	02/28/11 20:45	NP	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	86950	03/01/11 12:11	DH	TestAmerica San Francisco
Total/NA	Prep	7470A			86972	03/01/11 10:15	ET	TestAmerica San Francisco
Total/NA	Analysis	7470A		1	86997	03/01/11 14:54	ET	TestAmerica San Francisco
Total/NA	Analysis	9040B		1	86885	02/28/11 20:15	sk	TestAmerica San Francisco
Total/NA	Analysis	120.1		1	86985	03/01/11 10:19	daf	TestAmerica San Francisco

Certification Summary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33617-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33617-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF
120.1	Conductivity, Specific Conductance	MCAWW	TAL SF
9040B	pH	SW846	TAL SF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33617-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33617-1	INF-001-2-28	Water	02/28/11 16:30	02/28/11 19:00
720-33617-2	EFF-001-2-28	Water	02/28/11 16:15	02/28/11 19:00

TestAmerica
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720-331617

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 129928

Date 2/28/11 Page 1 of 2

C.Divers@Pacificstates.net

Report To

Attn: Cory Divers
Company: Pacific States Environmental
Address: 11555 Dublin BLVD
Phone: 925-361-1433 Email:
Bill To: PSEC
Sampled By: K. Gretsinger
Attn: Cory Divers
Phone: 925-361-1433

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	TPH EPA 8260B ☒ Gas w/ ☐ BTEX ☐ MTBE	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☒ EPA 8260B ☐ 624	Semivolatiles GC/MS ☒ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	Total Cyanide 335.2	120.1 Conductivity				Number of Containers
INF-001-2-28	2/28/11	4:30	H2O	NaOH																	X				1
INF-001-2-28	2/28/11	4:30	H2O	HNO3										X											1
INF-001-2-28	2/28/11	4:30	H2O	HCL	X				X																3
EFF-001-2-28	2/28/11	4:15	H2O	NaOH																	X				1
EFF-001-2-28	2/28/11	4:15	H2O	HNO3										X											1
EFF-001-2-28	2/28/11	4:15	H2O	HCL	X				X																3
EFF-001-2-28	2/28/11	4:15	H2O	NONE						X															2
EFF-001-2-28	2/28/11	4:15	H2O	NONE																			X		1
INF-001-2-28	2/28/11	4:30	H2O	NONE						X															2
INF-001-2-28	2/28/11	4:30	H2O	NONE																			X		1

RUSH

Project Info

Project Name: Hollis St EMERYVILLE
Project#: 611102
PO#: —
Credit Card#: —

Sample Receipt

of Containers:
Head Space:
Temp: 1.7°C
Conforms to record:

TAT: 5 Day | 3 Day | 2 Day | (1 Day)
Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank
Fund EDF
Special Instructions / Comments: ☐ Global ID _____

See Terms and Conditions on reverse
*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

	1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature / Time	7:00		
Printed Name / Date	Kris Gretsinger 2/28/11		
Company	PSEC		

	1) Received by:	2) Received by:	3) Received by:
Signature / Time	1900		
Printed Name / Date	2/28/11		
Company	TAST		

Rev09/09

03/02/2011

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720-33617

TESTAMERICA San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 129928

Date 2/28/11 Page 2 of 2

C. Divers @ Pacific States . Net

Report To

Attn: Cory Divers
Company: Pacific States Environmental
Address: 11555 Dublin Blvd
Phone: 925-361-1433 Email:

Bill To: PSEC
Sampled By: K. Gretsinger
Attn: Cory Divers
Phone: 925-361-1433

Analysis Request

Sample ID	Date	Time	Mat'l Mtx	Preserv.	TPH EPA - ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	TEPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☐ Motor Oil ☐ Other ___	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☒ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☒ TDS	Anions : ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
INF-001-2-28	2/28/11	4:30	H2O	HCL		X																			2
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
EFF-001-2-28	2/28/11	4:15	H2O	HCL		X																			2
EFF-001-2-28	2/28/11	4:15	H2O	NONE														X							1
EFF-001-2-28	2/28/11	4:15	H2O	NONE															X						1
TRIP BLANK																								hold	1

RUSH

Project Info

Project Name: Hollis St Emeryville
Project#: 611102
PO#: —
Credit Card#: —

Sample Receipt

of Containers:
Head Space:
Temp: 1.7°C
Conforms to record:

TAT: 5 Day | 3 Day | 2 Day | (1 Day) | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank
Fund EDF
Special Instructions / Comments: ☐ Global ID ___

See Terms and Conditions on reverse
TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{26}

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [illegible] Time: 7:00	Signature: Time:	Signature: Time:
Printed Name: Kris Gretsinger Date: 2/28/11	Printed Name: Date:	Printed Name: Date:
Company: PSEC	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [illegible] Time: 1900	Signature: Time:	Signature: Time:
Printed Name: [illegible] Date: 2/28/11	Printed Name: Date:	Printed Name: Date:
Company: TAT	Company:	Company:

Rev09/09

03/02/2011

Login Sample Receipt Check List

Client: Pacific States Environmental

Job Number: 720-33617-1

Login Number: 33617

List Source: TestAmerica San Francisco

Creator: Hoang, Julie

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica

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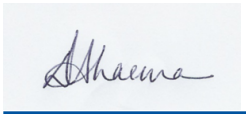
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Tel: (949) 261-1022

TestAmerica Job ID: IUC0262
TestAmerica Sample Delivery Group: IUC0262
Client Project/Site: 720-33617-2
Client Project Description: N/A-Misc.

For:
Pacific States Environmental
11555 Dublin Blvd.
Dublin, CA 94568

Attn: Cory Divers



Authorized for release by:
03/03/2011 03:25:53 PM
Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

Designee for

Steven Garcia
Project Manager
steven.garcia@testamericainc.com

Table of Contents

Sample Summary

Client: TestAmerica San Francisco
Project/Site: 720-33617-2

TestAmerica Job ID: IUC0262

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
IUC0262-01	INF-001-2-28	Water	02/28/11 16:30	03/02/11 10:55
IUC0262-02	EFF-001-2-28	Water	02/28/11 16:15	03/02/11 10:55

Client Sample ID: INF-001-2-28

Lab Sample ID: IUC0262-01

Date Collected: 02/28/11 16:30

Matrix: Water

Date Received: 03/02/11 10:55

Sampler Name:

Sampler Phone Number: (925) 484-1919

Method: EPA 6020 - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.78**	**J**	2.0	0.30	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Arsenic	**1.5**		1.0	0.90	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Barium	**200**		1.0	0.30	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Beryllium	ND		0.50	0.10	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Cadmium	**0.11**	**J**	1.0	0.10	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Chromium	**7.0**		2.0	0.90	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Cobalt	**1.7**		1.0	0.10	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Copper	**33**		2.0	0.50	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Lead	**3.0**		1.0	0.20	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Molybdenum	**4.8**		2.0	0.20	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Nickel	**11**		2.0	0.50	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Selenium	**1.6**	**J**	2.0	0.50	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Silver	ND		1.0	0.10	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Thallium	ND		1.0	0.20	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Vanadium	**5.5**		2.0	0.80	ug/l		03/02/11 14:39	03/03/11 12:08	1.0
Zinc	**50**		20	4.0	ug/l		03/02/11 14:39	03/03/11 12:08	1.0

Method: SM4500CN-E - INORGANICS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Cyanide	ND		0.025	0.017	mg/l		03/02/11 15:18	03/02/11 17:40	1.0

Client Sample ID: EFF-001-2-28

Lab Sample ID: IUC0262-02

Date Collected: 02/28/11 16:15

Matrix: Water

Date Received: 03/02/11 10:55

Sampler Name:

Sampler Phone Number: (925) 484-1919

Method: EPA 6020 - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.59**	**J**	2.0	0.30	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Arsenic	ND		1.0	0.90	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Barium	**160**		1.0	0.30	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Beryllium	ND		0.50	0.10	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Cadmium	ND		1.0	0.10	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Chromium	**2.1**		2.0	0.90	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Cobalt	**0.75**	**J**	1.0	0.10	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Copper	**6.2**		2.0	0.50	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Lead	**1.1**		1.0	0.20	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Molybdenum	**4.0**		2.0	0.20	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Nickel	**3.4**		2.0	0.50	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Selenium	**1.3**	**J**	2.0	0.50	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Silver	ND		1.0	0.10	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Thallium	ND		1.0	0.20	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Vanadium	ND		2.0	0.80	ug/l		03/02/11 14:39	03/03/11 12:13	1.0
Zinc	**4.6**	**J**	20	4.0	ug/l		03/02/11 14:39	03/03/11 12:13	1.0

Method: SM2540C - INORGANICS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**730**		10	1.0	mg/l		03/02/11 11:15	03/02/11 11:15	1.0

Client: TestAmerica San Francisco
Project/Site: 720-33617-2

TestAmerica Job ID: IUC0262
SDG: IUC0262

Client Sample ID: EFF-001-2-28
Lab Sample ID: IUC0262-02
Date Collected: 02/28/11 16:15
Matrix: Water
Date Received: 03/02/11 10:55
Sampler Name:
Sampler Phone Number: (925) 484-1919

Method: SM4500CN-E - INORGANICS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Cyanide	ND		0.025	0.017	mg/l		03/02/11 15:18	03/02/11 17:40	1.0

Lab Chronicle

Client: TestAmerica San Francisco
Project/Site: 720-33617-2

TestAmerica Job ID: IUC0262
SDG: IUC0262

Client Sample ID: INF-001-2-28

Date Collected: 02/28/11 16:30
Date Received: 03/02/11 10:55

Lab Sample ID: IUC0262-01

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
total	Prep	EPA 3005A ICPMS		1.0	11C0338_P	03/02/11 14:39	KP	TestAmerica Irvine
total	Analysis	EPA 6020		1.0	11C0338	03/03/11 12:08	RDC	TestAmerica Irvine
total	Prep	General Prep		1.0	11C0346_P	03/02/11 15:18	HH	TestAmerica Irvine
total	Analysis	SM4500CN-E		1.0	11C0346	03/02/11 17:40	HH	TestAmerica Irvine

Client Sample ID: EFF-001-2-28

Date Collected: 02/28/11 16:15
Date Received: 03/02/11 10:55

Lab Sample ID: IUC0262-02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
total	Prep	EPA 3005A ICPMS		1.0	11C0338_P	03/02/11 14:39	KP	TestAmerica Irvine
total	Analysis	EPA 6020		1.0	11C0338	03/03/11 12:13	RDC	TestAmerica Irvine
total	Prep	General Prep		1.0	11C0346_P	03/02/11 15:18	HH	TestAmerica Irvine
total	Analysis	SM4500CN-E		1.0	11C0346	03/02/11 17:40	HH	TestAmerica Irvine
total	Analysis	SM2540C		1.0	11C0301	03/02/11 11:15	MC	TestAmerica Irvine
total	Prep	General Prep		1.0	11C0301_P	03/02/11 11:15	DC	TestAmerica Irvine

Method: EPA 6020 - METALS

Lab Sample ID: 11C0338-BLK1
Matrix: Water
Analysis Batch: 11C0338

Client Sample ID: 11C0338-BLK1
Prep Type: total
Prep Batch: 11C0338_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.30	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Arsenic	ND		1.0	0.90	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Barium	ND		1.0	0.30	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Beryllium	ND		0.50	0.10	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Cadmium	ND		1.0	0.10	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Chromium	ND		2.0	0.90	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Cobalt	ND		1.0	0.10	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Copper	ND		2.0	0.50	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Lead	ND		1.0	0.20	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Molybdenum	ND		2.0	0.20	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Nickel	ND		2.0	0.50	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Selenium	ND		2.0	0.50	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Silver	ND		1.0	0.10	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Thallium	ND		1.0	0.20	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Vanadium	ND		2.0	0.80	ug/l		03/02/11 14:39	03/03/11 11:53	1.00
Zinc	ND		20	4.0	ug/l		03/02/11 14:39	03/03/11 11:53	1.00

Lab Sample ID: 11C0338-BS1
Matrix: Water
Analysis Batch: 11C0338

Client Sample ID: 11C0338-BS1
Prep Type: total
Prep Batch: 11C0338_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	80.0	86.8		ug/l		109	80 - 120
Arsenic	80.0	83.5		ug/l		104	80 - 120
Barium	80.0	80.7		ug/l		101	80 - 120
Beryllium	80.0	75.4		ug/l		94	80 - 120
Cadmium	80.0	83.4		ug/l		104	80 - 120
Chromium	80.0	80.5		ug/l		101	80 - 120
Cobalt	80.0	81.4		ug/l		102	80 - 120
Copper	80.0	81.4		ug/l		102	80 - 120
Lead	80.0	79.5		ug/l		99	80 - 120
Molybdenum	80.0	80.7		ug/l		101	80 - 120
Nickel	80.0	81.7		ug/l		102	80 - 120
Selenium	80.0	83.8		ug/l		105	80 - 120
Silver	80.0	84.0		ug/l		105	80 - 120
Thallium	80.0	76.5		ug/l		96	80 - 120
Vanadium	80.0	81.8		ug/l		102	80 - 120
Zinc	80.0	81.2		ug/l		101	80 - 120

Lab Sample ID: 11C0338-BSD1
Matrix: Water
Analysis Batch: 11C0338

Client Sample ID: 11C0338-BSD1
Prep Type: total
Prep Batch: 11C0338_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	80.0	87.4		ug/l		109	80 - 120	0.6	20
Arsenic	80.0	83.2		ug/l		104	80 - 120	0.4	20
Barium	80.0	81.7		ug/l		102	80 - 120	1	20
Beryllium	80.0	75.5		ug/l		94	80 - 120	0.1	20
Cadmium	80.0	83.5		ug/l		104	80 - 120	0.03	20
Chromium	80.0	81.2		ug/l		102	80 - 120	0.9	20

Method: EPA 6020 - METALS (Continued)

Lab Sample ID: 11C0338-BSD1 — **Client Sample ID: 11C0338-BSD1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0338 — **Prep Batch: 11C0338_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cobalt	80.0	82.6		ug/l		103	80 - 120	1	20
Copper	80.0	82.0		ug/l		103	80 - 120	0.7	20
Lead	80.0	79.5		ug/l		99	80 - 120	0.05	20
Molybdenum	80.0	81.5		ug/l		102	80 - 120	1	20
Nickel	80.0	81.7		ug/l		102	80 - 120	0.1	20
Selenium	80.0	84.4		ug/l		106	80 - 120	0.7	20
Silver	80.0	84.0		ug/l		105	80 - 120	0.03	20
Thallium	80.0	76.4		ug/l		96	80 - 120	0.09	20
Vanadium	80.0	81.5		ug/l		102	80 - 120	0.3	20
Zinc	80.0	81.2		ug/l		101	80 - 120	0.009	20

Method: SM2540C - INORGANICS

Lab Sample ID: 11C0301-BLK1 — **Client Sample ID: 11C0301-BLK1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0301 — **Prep Batch: 11C0301_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	1.0	mg/l		03/02/11 11:15	03/02/11 11:15	1.00

Lab Sample ID: 11C0301-BS1 — **Client Sample ID: 11C0301-BS1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0301 — **Prep Batch: 11C0301_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Dissolved Solids	1000	1010		mg/l		101	90 - 110

Lab Sample ID: 11C0301-DUP1 — **Client Sample ID: IUC0164-01**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0301 — **Prep Batch: 11C0301_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	147		147		mg/l		0	10

Method: SM4500CN-E - INORGANICS

Lab Sample ID: 11C0346-BLK1 — **Client Sample ID: 11C0346-BLK1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0346 — **Prep Batch: 11C0346_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Cyanide	ND		0.025	0.017	mg/l		03/02/11 15:18	03/02/11 17:40	1.00

Lab Sample ID: 11C0346-BS1 — **Client Sample ID: 11C0346-BS1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0346 — **Prep Batch: 11C0346_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Cyanide	0.200	0.190		mg/l		95	90 - 110

Method: SM4500CN-E - INORGANICS (Continued)

Lab Sample ID: 11C0346-MS1 — **Client Sample ID: IUB2753-01**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0346 — **Prep Batch: 11C0346_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
Total Cyanide	ND		0.200	0.197		mg/l		99	70 - 115

Lab Sample ID: 11C0346-MSD1 — **Client Sample ID: IUB2753-01**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C0346 — **Prep Batch: 11C0346_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Total Cyanide	ND		0.200	0.189		mg/l		94	70 - 115	4	15

Qualifier Definition/Glossary

Client: TestAmerica San Francisco
Project/Site: 720-33617-2

TestAmerica Job ID: IUC0262
SDG: IUC0262

Qualifiers

Metals

Qualifier	Qualifier Description
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Certification Summary

Client: TestAmerica San Francisco
Project/Site: 720-33617-2

TestAmerica Job ID: IUC0262
SDG: IUC0262

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica Irvine		USDA		P330-09-00080	04/29/12
TestAmerica Irvine	Arizona	State Program	9	AZ0671	10/13/11
TestAmerica Irvine	California	LA Cty Sanitation Districts	9	10256	01/31/12
TestAmerica Irvine	California	NELAC	9	1108CA	01/31/12
TestAmerica Irvine	California	State Program	9	2706	06/30/12
TestAmerica Irvine	Guam	State Program	9	Cert. No. 10.001r	01/23/11
TestAmerica Irvine	Hawaii	State Program	9	N/A	01/31/11
TestAmerica Irvine	Nevada	State Program	9	CA015312007A	07/31/11
TestAmerica Irvine	New Mexico	State Program	6	N/A	01/31/11
TestAmerica Irvine	Northern Mariana Islands	State Program	9	MP0002	01/31/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.
* Any expired certifications in this list are currently pending renewal and are considered valid.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

720-331617

TESTAMERICA San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 129928

Date 2/28/11 Page 1 of 2

C.Divers@Pacificstates.net

Report To

Attn: Cory Divers
Company: Pacific States Environmental
Address: 11555 Dublin BLVD
Phone: 925-361-1433 Email:
Bill To: PSEC
Sampled By: K. Gretsinger
Attn: Cory Divers
Phone: 925-361-1433

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	TPH EPA 8260B ☒ Gas w/ ☐ BTEX ☐ MTBE	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☒ EPA 8260B ☐ 624	Semivolatiles GC/MS ☒ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	Total Cyanide 335.2	1201 Conductivity			Number of Containers
INF-001-2-28	2/28/11	4:30	H2O	NaOH																	X				1
INF-001-2-28	2/28/11	4:30	H2O	HNO3										X											1
INF-001-2-28	2/28/11	4:30	H2O	HCL	X				X																3
EFF-001-2-28	2/28/11	4:15	H2O	NaOH																	X				1
EFF-001-2-28	2/28/11	4:15	H2O	HNO3										X											1
EFF-001-2-28	2/28/11	4:15	H2O	HCL	X				X																3
EFF-001-2-28	2/28/11	4:15	H2O	NONE						X															2
EFF-001-2-28	2/28/11	4:15	H2O	NONE																			X		1
INF-001-2-28	2/28/11	4:30	H2O	NONE						X															2
INF-001-2-28	2/28/11	4:30	H2O	NONE																			X		1

RUSH

Project Info

Project Name: Hollis St EMERYVILLE
Project#: 611102
PO#: —
Credit Card#: —

Sample Receipt

of Containers:
Head Space:
Temp: 1.7°C
Conforms to record:

TAT: 5 Day | 3 Day | 2 Day | (1 Day)
Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank
Fund EDF
Special Instructions / Comments: ☐ Global ID _____

See Terms and Conditions on reverse
*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

	1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature / Time	7:00		
Printed Name / Date	Kris Gretsinger 2/28/11		
Company	PSEC		

	1) Received by:	2) Received by:	3) Received by:
Signature / Time	1900		
Printed Name / Date	2/28/11		
Company	TAST		

Rev09/09

03/03/2011

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

720-33617

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 129928

Date 2/28/11 Page 2 of 2

C. Divers @ Pacific States . Net

Report To

Attn: Cory Divers
Company: Pacific States Environmental
Address: 11555 Dublin BLVD
Phone: 925-361-1433 Email:

Bill To: PSEC
Sampled By: K. Gretsinger
Attn: Cory Divers
Phone: 925-361-1433

Analysis Request

Sample ID	Date	Time	Mat'l Mtx	Preserv.	TPH EPA - ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	TEPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other ___	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☒ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☒ TDS	Anions : ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
INF-001-2-28	2/28/11	4:30	H2O	HCL		X																			2
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
~~INF-001-2-28~~																									
EFF-001-2-28	2/28/11	4:15	H2O	HCL		X																			2
EFF-001-2-28	2/28/11	4:15	H2O	NONE														X							1
EFF-001-2-28	2/28/11	4:15	H2O	NONE															X						1
TRIP BLANK																								hold	

*RUSH

Project Info

Project Name: Hollis St Emeryville
Project#: 611102
PO#: —
Credit Card#: —

Sample Receipt

of Containers:
Head Space:
Temp: 1.7°C
Conforms to record:

TAT: 5 Day | 3 Day | 2 Day | (1 Day) | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank
Fund EDF
Special Instructions / Comments: ☐ Global ID ___

See Terms and Conditions on reverse
TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{26}

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [illegible] Time: 7:00	Signature: Time:	Signature: Time:
Printed Name: K. Gretsinger Date: 2/28/11	Printed Name: Date:	Printed Name: Date:
Company: PSEC	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [illegible] Time: 1900	Signature: Time:	Signature: Time:
Printed Name: [illegible] Date: 2/28/11	Printed Name: Date:	Printed Name: Date:
Company: TAT	Company:	Company:

Rev09/09

03/03/2011

Login Sample Receipt Check List

Client: Pacific States Environmental

Job Number: 720-33617-2

Login Number: 33617

List Source: TestAmerica San Francisco

Creator: Hoang, Julie

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

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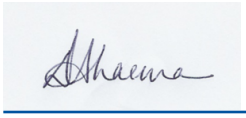
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-33743-1
Client Project/Site: Hollis St., Emeryville

For:
Pacific States Environmental
11555 Dublin Blvd
Dublin, California 94568

Attn: Cory Divers



Authorized for release by:
03/10/2011 04:33:20 PM

Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

Table of Contents

Qualifier Definition/Glossary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33743-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.

GC-SV Drinking Water

Qualifier	Qualifier Description
P	The sample, as received, was not preserved in accordance to the referenced analytical method.

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33743-1

Job ID: 720-33743-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-33743-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Client Sample ID: INF-001-3-7 — Lab Sample ID: 720-33743-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.11	J	0.50	0.059	ug/L	1		8260B	Total/NA
DIPE	0.88		0.50	0.050	ug/L	1		8260B	Total/NA
Fluorene	0.050	J	0.10	0.032	ug/L	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	24	J B	51	24	ug/L	1		8015B	Silica Gel Clean
Antimony	0.56	J	2.0	0.30	ug/l	1.0		EPA 6020	total
Cadmium	0.21	J	1.0	0.10	ug/l	1.0		EPA 6020	total
Chromium	1.7	J	2.0	0.90	ug/l	1.0		EPA 6020	total
Copper	5.4		2.0	0.50	ug/l	1.0		EPA 6020	total
Lead	0.41	J	1.0	0.20	ug/l	1.0		EPA 6020	total
Nickel	7.1		2.0	0.50	ug/l	1.0		EPA 6020	total
Zinc	10	J	20	4.0	ug/l	1.0		EPA 6020	total

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.37		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: EFF-001-3-7 — Lab Sample ID: 720-33743-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.37	J	5.0	0.078	ug/L	1		8260B	Total/NA
Motor Oil Range Organics [C24-C36]	50	J B	100	37	ug/L	1		8015B	Silica Gel Clean
Antimony	0.58	J	2.0	0.30	ug/l	1.0		EPA 6020	total
Copper	1.3	J	2.0	0.50	ug/l	1.0		EPA 6020	total
Nickel	3.0		2.0	0.50	ug/l	1.0		EPA 6020	total
Specific Conductance	1300		10	10	umhos/cm	1		120.1	Total/NA
Total Dissolved Solids	800		10	1.0	mg/l	1.0		SM2540C	total

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Turbidity	2.7		0.10	0.10	NTU	1		180.1	Total/NA
pH	7.81		0.100	0.100	SU	1		9040B	Total/NA

Client Sample ID: MID-001-3-7 — Lab Sample ID: 720-33743-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.070	J B	0.50	0.045	ug/L	1		8260B	Total/NA

Client Sample ID: INF-001-3-7
Date Collected: 03/07/11 16:35
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			03/08/11 13:06	1
Acetone	ND		50	3.7	ug/L			03/08/11 13:06	1
Benzene	ND		0.50	0.075	ug/L			03/08/11 13:06	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			03/08/11 13:06	1
Bromobenzene	ND		1.0	0.056	ug/L			03/08/11 13:06	1
Chlorobromomethane	ND		1.0	0.073	ug/L			03/08/11 13:06	1
Bromoform	ND		1.0	0.080	ug/L			03/08/11 13:06	1
Bromomethane	ND		1.0	0.49	ug/L			03/08/11 13:06	1
2-Butanone (MEK)	ND		50	8.4	ug/L			03/08/11 13:06	1
n-Butylbenzene	ND		1.0	0.10	ug/L			03/08/11 13:06	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			03/08/11 13:06	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			03/08/11 13:06	1
Carbon disulfide	ND		5.0	0.078	ug/L			03/08/11 13:06	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			03/08/11 13:06	1
Chlorobenzene	ND		0.50	0.13	ug/L			03/08/11 13:06	1
Chloroethane	ND		1.0	0.12	ug/L			03/08/11 13:06	1
Chloroform	ND		1.0	0.053	ug/L			03/08/11 13:06	1
Chloromethane	ND		1.0	0.19	ug/L			03/08/11 13:06	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			03/08/11 13:06	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			03/08/11 13:06	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			03/08/11 13:06	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			03/08/11 13:06	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			03/08/11 13:06	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			03/08/11 13:06	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			03/08/11 13:06	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			03/08/11 13:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			03/08/11 13:06	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			03/08/11 13:06	1
Dibromomethane	ND		0.50	0.067	ug/L			03/08/11 13:06	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			03/08/11 13:06	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			03/08/11 13:06	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			03/08/11 13:06	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			03/08/11 13:06	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			03/08/11 13:06	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			03/08/11 13:06	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			03/08/11 13:06	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			03/08/11 13:06	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/08/11 13:06	1
Ethylbenzene	ND		0.50	0.070	ug/L			03/08/11 13:06	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			03/08/11 13:06	1
2-Hexanone	ND		50	2.7	ug/L			03/08/11 13:06	1
Isopropylbenzene	ND		0.50	0.038	ug/L			03/08/11 13:06	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			03/08/11 13:06	1
Methylene Chloride	ND		5.0	1.0	ug/L			03/08/11 13:06	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			03/08/11 13:06	1
Naphthalene	ND		1.0	0.22	ug/L			03/08/11 13:06	1
N-Propylbenzene	ND		1.0	0.056	ug/L			03/08/11 13:06	1
Styrene	ND		0.50	0.075	ug/L			03/08/11 13:06	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			03/08/11 13:06	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			03/08/11 13:06	1

Client Sample ID: INF-001-3-7
Date Collected: 03/07/11 16:35
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.065	ug/L			03/08/11 13:06	1
Toluene	ND		0.50	0.17	ug/L			03/08/11 13:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			03/08/11 13:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			03/08/11 13:06	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			03/08/11 13:06	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			03/08/11 13:06	1
Trichloroethene	**0.11**	**J**	0.50	0.059	ug/L			03/08/11 13:06	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			03/08/11 13:06	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			03/08/11 13:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			03/08/11 13:06	1
1,2,4-Trimethylbenzene	ND		0.50	0.045	ug/L			03/08/11 13:06	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			03/08/11 13:06	1
Vinyl acetate	ND		10	0.60	ug/L			03/08/11 13:06	1
Vinyl chloride	ND		0.50	0.050	ug/L			03/08/11 13:06	1
Xylenes, Total	ND		1.0	0.49	ug/L			03/08/11 13:06	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			03/08/11 13:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			03/08/11 13:06	1
TBA	ND		4.0	1.9	ug/L			03/08/11 13:06	1
Ethanol	ND		250	40	ug/L			03/08/11 13:06	1
DIPE	**0.88**		0.50	0.050	ug/L			03/08/11 13:06	1
TAME	ND		0.50	0.071	ug/L			03/08/11 13:06	1
Ethyl t-butyl ether	ND		0.50	0.098	ug/L			03/08/11 13:06	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*03/08/11 13:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*67 - 130*		*03/08/11 13:06*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/08/11 13:06*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.10	0.031	ug/L		03/08/11 14:35	03/09/11 12:19	1
Acenaphthene	ND		0.10	0.036	ug/L		03/08/11 14:35	03/09/11 12:19	1
Acenaphthylene	ND		0.10	0.036	ug/L		03/08/11 14:35	03/09/11 12:19	1
Fluorene	**0.050**	**J**	0.10	0.032	ug/L		03/08/11 14:35	03/09/11 12:19	1
Phenanthrene	ND		0.10	0.024	ug/L		03/08/11 14:35	03/09/11 12:19	1
Anthracene	ND		0.10	0.030	ug/L		03/08/11 14:35	03/09/11 12:19	1
Benzo[a]anthracene	ND		0.10	0.028	ug/L		03/08/11 14:35	03/09/11 12:19	1
Chrysene	ND		0.10	0.032	ug/L		03/08/11 14:35	03/09/11 12:19	1
Benzo[a]pyrene	ND		0.10	0.023	ug/L		03/08/11 14:35	03/09/11 12:19	1
Benzo[b]fluoranthene	ND		0.10	0.031	ug/L		03/08/11 14:35	03/09/11 12:19	1
Benzo[k]fluoranthene	ND		0.10	0.035	ug/L		03/08/11 14:35	03/09/11 12:19	1
Benzo[g,h,i]perylene	ND		0.10	0.022	ug/L		03/08/11 14:35	03/09/11 12:19	1
Indeno[1,2,3-cd]pyrene	ND		0.10	0.028	ug/L		03/08/11 14:35	03/09/11 12:19	1
Fluoranthene	ND		0.10	0.029	ug/L		03/08/11 14:35	03/09/11 12:19	1
Pyrene	ND		0.10	0.036	ug/L		03/08/11 14:35	03/09/11 12:19	1
Dibenz(a,h)anthracene	ND		0.10	0.027	ug/L		03/08/11 14:35	03/09/11 12:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*29 - 120*	*03/08/11 14:35*	*03/09/11 12:19*	*1*
Terphenyl-d14	*72*		*45 - 120*	*03/08/11 14:35*	*03/09/11 12:19*	*1*

Client Sample ID: INF-001-3-7
Date Collected: 03/07/11 16:35
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-1
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**24**	**J B**	51	24	ug/L		03/08/11 09:59	03/09/11 14:23	1
Motor Oil Range Organics [C24-C36]	ND		100	37	ug/L		03/08/11 09:59	03/09/11 14:23	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.6*		*0 - 5*	*03/08/11 09:59*	*03/09/11 14:23*	*1*
p-Terphenyl	*103*		*31 - 150*	*03/08/11 09:59*	*03/09/11 14:23*	*1*

Method: EPA 6020 - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.56**	**J**	2.0	0.30	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Arsenic	ND		1.0	0.90	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Beryllium	ND		0.50	0.10	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Cadmium	**0.21**	**J**	1.0	0.10	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Chromium	**1.7**	**J**	2.0	0.90	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Copper	**5.4**		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Lead	**0.41**	**J**	1.0	0.20	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Nickel	**7.1**		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Selenium	ND		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Silver	ND		1.0	0.10	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Thallium	ND		1.0	0.20	ug/l		03/09/11 12:55	03/09/11 22:39	1.0
Zinc	**10**	**J**	20	4.0	ug/l		03/09/11 12:55	03/09/11 22:39	1.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/l		03/09/11 12:51	03/10/11 11:33	1.0

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.37**		0.100	0.100	SU			03/07/11 20:26	1

Method: SM4500CN-E - INORGANICS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Cyanide	ND		0.0030	0.0022	mg/l		03/09/11 14:50	03/09/11 17:15	1.0

Method: EPA 504.1 - EDB and DBCP in Water by GC/ECD (EPA 504.1)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND	P	0.020	0.0029	ug/l		03/09/11 11:30	03/09/11 18:12	1.0
1,2-Dibromo-3-chloropropane	ND	P	0.0098	0.0029	ug/l		03/09/11 11:30	03/09/11 18:12	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*	*P*	*50 - 150*	*03/09/11 11:30*	*03/09/11 18:12*	*1.0*

Client Sample ID: EFF-001-3-7
Date Collected: 03/07/11 16:20
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			03/08/11 12:34	1
Acetone	ND		50	3.7	ug/L			03/08/11 12:34	1
Benzene	ND		0.50	0.075	ug/L			03/08/11 12:34	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			03/08/11 12:34	1
Bromobenzene	ND		1.0	0.056	ug/L			03/08/11 12:34	1
Chlorobromomethane	ND		1.0	0.073	ug/L			03/08/11 12:34	1
Bromoform	ND		1.0	0.080	ug/L			03/08/11 12:34	1
Bromomethane	ND		1.0	0.49	ug/L			03/08/11 12:34	1
2-Butanone (MEK)	ND		50	8.4	ug/L			03/08/11 12:34	1
n-Butylbenzene	ND		1.0	0.10	ug/L			03/08/11 12:34	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			03/08/11 12:34	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			03/08/11 12:34	1
Carbon disulfide	**0.37**	**J**	5.0	0.078	ug/L			03/08/11 12:34	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			03/08/11 12:34	1
Chlorobenzene	ND		0.50	0.13	ug/L			03/08/11 12:34	1
Chloroethane	ND		1.0	0.12	ug/L			03/08/11 12:34	1
Chloroform	ND		1.0	0.053	ug/L			03/08/11 12:34	1
Chloromethane	ND		1.0	0.19	ug/L			03/08/11 12:34	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			03/08/11 12:34	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			03/08/11 12:34	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			03/08/11 12:34	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			03/08/11 12:34	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			03/08/11 12:34	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			03/08/11 12:34	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			03/08/11 12:34	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			03/08/11 12:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			03/08/11 12:34	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			03/08/11 12:34	1
Dibromomethane	ND		0.50	0.067	ug/L			03/08/11 12:34	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			03/08/11 12:34	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			03/08/11 12:34	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			03/08/11 12:34	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			03/08/11 12:34	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			03/08/11 12:34	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			03/08/11 12:34	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			03/08/11 12:34	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			03/08/11 12:34	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/08/11 12:34	1
Ethylbenzene	ND		0.50	0.070	ug/L			03/08/11 12:34	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			03/08/11 12:34	1
2-Hexanone	ND		50	2.7	ug/L			03/08/11 12:34	1
Isopropylbenzene	ND		0.50	0.038	ug/L			03/08/11 12:34	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			03/08/11 12:34	1
Methylene Chloride	ND		5.0	1.0	ug/L			03/08/11 12:34	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			03/08/11 12:34	1
Naphthalene	ND		1.0	0.22	ug/L			03/08/11 12:34	1
N-Propylbenzene	ND		1.0	0.056	ug/L			03/08/11 12:34	1
Styrene	ND		0.50	0.075	ug/L			03/08/11 12:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			03/08/11 12:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			03/08/11 12:34	1

Client Sample ID: EFF-001-3-7
Date Collected: 03/07/11 16:20
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.065	ug/L			03/08/11 12:34	1
Toluene	ND		0.50	0.17	ug/L			03/08/11 12:34	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			03/08/11 12:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			03/08/11 12:34	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			03/08/11 12:34	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			03/08/11 12:34	1
Trichloroethene	ND		0.50	0.059	ug/L			03/08/11 12:34	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			03/08/11 12:34	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			03/08/11 12:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			03/08/11 12:34	1
1,2,4-Trimethylbenzene	ND		0.50	0.045	ug/L			03/08/11 12:34	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			03/08/11 12:34	1
Vinyl acetate	ND		10	0.60	ug/L			03/08/11 12:34	1
Vinyl chloride	ND		0.50	0.050	ug/L			03/08/11 12:34	1
Xylenes, Total	ND		1.0	0.49	ug/L			03/08/11 12:34	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			03/08/11 12:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			03/08/11 12:34	1
TBA	ND		4.0	1.9	ug/L			03/08/11 12:34	1
Ethanol	ND		250	40	ug/L			03/08/11 12:34	1
DIPE	ND		0.50	0.050	ug/L			03/08/11 12:34	1
TAME	ND		0.50	0.071	ug/L			03/08/11 12:34	1
Ethyl t-butyl ether	ND		0.50	0.098	ug/L			03/08/11 12:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*03/08/11 12:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*67 - 130*		*03/08/11 12:34*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/08/11 12:34*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.10	0.030	ug/L		03/08/11 14:35	03/09/11 12:42	1
Acenaphthene	ND		0.10	0.036	ug/L		03/08/11 14:35	03/09/11 12:42	1
Acenaphthylene	ND		0.10	0.036	ug/L		03/08/11 14:35	03/09/11 12:42	1
Fluorene	ND		0.10	0.031	ug/L		03/08/11 14:35	03/09/11 12:42	1
Phenanthrene	ND		0.10	0.024	ug/L		03/08/11 14:35	03/09/11 12:42	1
Anthracene	ND		0.10	0.029	ug/L		03/08/11 14:35	03/09/11 12:42	1
Benzo[a]anthracene	ND		0.10	0.027	ug/L		03/08/11 14:35	03/09/11 12:42	1
Chrysene	ND		0.10	0.031	ug/L		03/08/11 14:35	03/09/11 12:42	1
Benzo[a]pyrene	ND		0.10	0.023	ug/L		03/08/11 14:35	03/09/11 12:42	1
Benzo[b]fluoranthene	ND		0.10	0.030	ug/L		03/08/11 14:35	03/09/11 12:42	1
Benzo[k]fluoranthene	ND		0.10	0.035	ug/L		03/08/11 14:35	03/09/11 12:42	1
Benzo[g,h,i]perylene	ND		0.10	0.022	ug/L		03/08/11 14:35	03/09/11 12:42	1
Indeno[1,2,3-cd]pyrene	ND		0.10	0.027	ug/L		03/08/11 14:35	03/09/11 12:42	1
Fluoranthene	ND		0.10	0.028	ug/L		03/08/11 14:35	03/09/11 12:42	1
Pyrene	ND		0.10	0.036	ug/L		03/08/11 14:35	03/09/11 12:42	1
Dibenz(a,h)anthracene	ND		0.10	0.026	ug/L		03/08/11 14:35	03/09/11 12:42	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*29 - 120*	*03/08/11 14:35*	*03/09/11 12:42*	*1*
Terphenyl-d14	*62*		*45 - 120*	*03/08/11 14:35*	*03/09/11 12:42*	*1*

Client Sample ID: EFF-001-3-7
Date Collected: 03/07/11 16:20
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-2
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	24	ug/L		03/08/11 09:59	03/09/11 14:46	1
Motor Oil Range Organics [C24-C36]	**50**	**J B**	100	37	ug/L		03/08/11 09:59	03/09/11 14:46	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.1*		*0 - 5*	*03/08/11 09:59*	*03/09/11 14:46*	*1*
p-Terphenyl	*98*		*31 - 150*	*03/08/11 09:59*	*03/09/11 14:46*	*1*

Method: EPA 6020 - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.58**	**J**	2.0	0.30	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Arsenic	ND		1.0	0.90	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Beryllium	ND		0.50	0.10	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Cadmium	ND		1.0	0.10	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Chromium	ND		2.0	0.90	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Copper	**1.3**	**J**	2.0	0.50	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Lead	ND		1.0	0.20	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Nickel	**3.0**		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Selenium	ND		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Silver	ND		1.0	0.10	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Thallium	ND		1.0	0.20	ug/l		03/09/11 12:55	03/09/11 22:42	1.0
Zinc	ND		20	4.0	ug/l		03/09/11 12:55	03/09/11 22:42	1.0

Method: EPA 7470A - METALS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/l		03/09/11 12:51	03/10/11 11:35	1.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	**1300**		10	10	umhos/cm			03/08/11 12:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	**2.7**		0.10	0.10	NTU			03/07/11 19:44	1
pH	**7.81**		0.100	0.100	SU			03/07/11 20:29	1

Method: SM2540C - INORGANICS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**800**		10	1.0	mg/l		03/09/11 15:10	03/09/11 15:10	1.0

Method: SM4500CN-E - INORGANICS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Cyanide	ND		0.0030	0.0022	mg/l		03/09/11 14:50	03/09/11 17:15	1.0

Method: EPA 504.1 - EDB and DBCP in Water by GC/ECD (EPA 504.1)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND	P	0.020	0.0029	ug/l		03/09/11 11:30	03/09/11 18:32	1.0
1,2-Dibromo-3-chloropropane	ND	P	0.0098	0.0029	ug/l		03/09/11 11:30	03/09/11 18:32	1.0

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*	*P*	*50 - 150*	*03/09/11 11:30*	*03/09/11 18:32*	*1.0*

Client Sample ID: MID-001-3-7
Date Collected: 03/07/11 16:25
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			03/10/11 13:02	1
Acetone	ND		50	3.7	ug/L			03/10/11 13:02	1
Benzene	ND		0.50	0.075	ug/L			03/10/11 13:02	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			03/10/11 13:02	1
Bromobenzene	ND		1.0	0.056	ug/L			03/10/11 13:02	1
Chlorobromomethane	ND		1.0	0.073	ug/L			03/10/11 13:02	1
Bromoform	ND		1.0	0.080	ug/L			03/10/11 13:02	1
Bromomethane	ND		1.0	0.49	ug/L			03/10/11 13:02	1
2-Butanone (MEK)	ND		50	8.4	ug/L			03/10/11 13:02	1
n-Butylbenzene	ND		1.0	0.10	ug/L			03/10/11 13:02	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			03/10/11 13:02	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			03/10/11 13:02	1
Carbon disulfide	ND		5.0	0.078	ug/L			03/10/11 13:02	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			03/10/11 13:02	1
Chlorobenzene	ND		0.50	0.13	ug/L			03/10/11 13:02	1
Chloroethane	ND		1.0	0.12	ug/L			03/10/11 13:02	1
Chloroform	ND		1.0	0.053	ug/L			03/10/11 13:02	1
Chloromethane	ND		1.0	0.19	ug/L			03/10/11 13:02	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			03/10/11 13:02	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			03/10/11 13:02	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			03/10/11 13:02	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			03/10/11 13:02	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			03/10/11 13:02	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			03/10/11 13:02	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			03/10/11 13:02	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			03/10/11 13:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			03/10/11 13:02	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			03/10/11 13:02	1
Dibromomethane	ND		0.50	0.067	ug/L			03/10/11 13:02	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			03/10/11 13:02	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			03/10/11 13:02	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			03/10/11 13:02	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			03/10/11 13:02	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			03/10/11 13:02	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			03/10/11 13:02	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			03/10/11 13:02	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			03/10/11 13:02	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/10/11 13:02	1
Ethylbenzene	ND		0.50	0.070	ug/L			03/10/11 13:02	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			03/10/11 13:02	1
2-Hexanone	ND		50	2.7	ug/L			03/10/11 13:02	1
Isopropylbenzene	ND		0.50	0.038	ug/L			03/10/11 13:02	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			03/10/11 13:02	1
Methylene Chloride	ND		5.0	1.0	ug/L			03/10/11 13:02	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			03/10/11 13:02	1
Naphthalene	ND		1.0	0.22	ug/L			03/10/11 13:02	1
N-Propylbenzene	ND		1.0	0.056	ug/L			03/10/11 13:02	1
Styrene	ND		0.50	0.075	ug/L			03/10/11 13:02	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			03/10/11 13:02	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			03/10/11 13:02	1

Client Sample ID: MID-001-3-7
Date Collected: 03/07/11 16:25
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.065	ug/L			03/10/11 13:02	1
Toluene	ND		0.50	0.17	ug/L			03/10/11 13:02	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			03/10/11 13:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			03/10/11 13:02	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			03/10/11 13:02	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			03/10/11 13:02	1
Trichloroethene	ND		0.50	0.059	ug/L			03/10/11 13:02	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			03/10/11 13:02	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			03/10/11 13:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			03/10/11 13:02	1
1,2,4-Trimethylbenzene	**0.070**	**J B**	0.50	0.045	ug/L			03/10/11 13:02	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			03/10/11 13:02	1
Vinyl acetate	ND		10	0.60	ug/L			03/10/11 13:02	1
Vinyl chloride	ND		0.50	0.050	ug/L			03/10/11 13:02	1
Xylenes, Total	ND		1.0	0.49	ug/L			03/10/11 13:02	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			03/10/11 13:02	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*03/10/11 13:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*67 - 130*		*03/10/11 13:02*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/10/11 13:02*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-87295/4
Matrix: Water
Analysis Batch: 87295

Client Sample ID: MB 720-87295/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			03/08/11 09:37	1
Acetone	ND		50	3.7	ug/L			03/08/11 09:37	1
Benzene	ND		0.50	0.075	ug/L			03/08/11 09:37	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			03/08/11 09:37	1
Bromobenzene	ND		1.0	0.056	ug/L			03/08/11 09:37	1
Chlorobromomethane	ND		1.0	0.073	ug/L			03/08/11 09:37	1
Bromoform	ND		1.0	0.080	ug/L			03/08/11 09:37	1
Bromomethane	ND		1.0	0.49	ug/L			03/08/11 09:37	1
2-Butanone (MEK)	ND		50	8.4	ug/L			03/08/11 09:37	1
n-Butylbenzene	ND		1.0	0.10	ug/L			03/08/11 09:37	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			03/08/11 09:37	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			03/08/11 09:37	1
Carbon disulfide	ND		5.0	0.078	ug/L			03/08/11 09:37	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			03/08/11 09:37	1
Chlorobenzene	ND		0.50	0.13	ug/L			03/08/11 09:37	1
Chloroethane	ND		1.0	0.12	ug/L			03/08/11 09:37	1
Chloroform	ND		1.0	0.053	ug/L			03/08/11 09:37	1
Chloromethane	ND		1.0	0.19	ug/L			03/08/11 09:37	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			03/08/11 09:37	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			03/08/11 09:37	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			03/08/11 09:37	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			03/08/11 09:37	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			03/08/11 09:37	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			03/08/11 09:37	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			03/08/11 09:37	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			03/08/11 09:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			03/08/11 09:37	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			03/08/11 09:37	1
Dibromomethane	ND		0.50	0.067	ug/L			03/08/11 09:37	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			03/08/11 09:37	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			03/08/11 09:37	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			03/08/11 09:37	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			03/08/11 09:37	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			03/08/11 09:37	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			03/08/11 09:37	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			03/08/11 09:37	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			03/08/11 09:37	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/08/11 09:37	1
Ethylbenzene	ND		0.50	0.070	ug/L			03/08/11 09:37	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			03/08/11 09:37	1
2-Hexanone	ND		50	2.7	ug/L			03/08/11 09:37	1
Isopropylbenzene	ND		0.50	0.038	ug/L			03/08/11 09:37	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			03/08/11 09:37	1
Methylene Chloride	ND		5.0	1.0	ug/L			03/08/11 09:37	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			03/08/11 09:37	1
Naphthalene	ND		1.0	0.22	ug/L			03/08/11 09:37	1
N-Propylbenzene	ND		1.0	0.056	ug/L			03/08/11 09:37	1
Styrene	ND		0.50	0.075	ug/L			03/08/11 09:37	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			03/08/11 09:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-87295/4
Matrix: Water
Analysis Batch: 87295

Client Sample ID: MB 720-87295/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			03/08/11 09:37	1
Tetrachloroethene	ND		0.50	0.065	ug/L			03/08/11 09:37	1
Toluene	ND		0.50	0.17	ug/L			03/08/11 09:37	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			03/08/11 09:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			03/08/11 09:37	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			03/08/11 09:37	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			03/08/11 09:37	1
Trichloroethene	ND		0.50	0.059	ug/L			03/08/11 09:37	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			03/08/11 09:37	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			03/08/11 09:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			03/08/11 09:37	1
1,2,4-Trimethylbenzene	ND		0.50	0.045	ug/L			03/08/11 09:37	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			03/08/11 09:37	1
Vinyl acetate	ND		10	0.60	ug/L			03/08/11 09:37	1
Vinyl chloride	ND		0.50	0.050	ug/L			03/08/11 09:37	1
m-Xylene & p-Xylene	ND		1.0	0.088	ug/L			03/08/11 09:37	1
o-Xylene	ND		0.50	0.053	ug/L			03/08/11 09:37	1
Xylenes, Total	ND		1.0	0.49	ug/L			03/08/11 09:37	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			03/08/11 09:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			03/08/11 09:37	1
TBA	ND		4.0	1.9	ug/L			03/08/11 09:37	1
Ethanol	ND		250	40	ug/L			03/08/11 09:37	1
DIPE	ND		0.50	0.050	ug/L			03/08/11 09:37	1
TAME	ND		0.50	0.071	ug/L			03/08/11 09:37	1
Ethyl t-butyl ether	ND		0.50	0.098	ug/L			03/08/11 09:37	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*03/08/11 09:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*67 - 130*		*03/08/11 09:37*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/08/11 09:37*	*1*

Lab Sample ID: LCS 720-87295/5
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCS 720-87295/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	23.0		ug/L		92	62 - 130
Acetone	125	108		ug/L		86	26 - 180
Benzene	25.0	23.0		ug/L		92	82 - 127
Dichlorobromomethane	25.0	27.1		ug/L		108	70 - 130
Bromobenzene	25.0	25.6		ug/L		102	79 - 127
Chlorobromomethane	25.0	23.3		ug/L		93	70 - 130
Bromoform	25.0	28.2		ug/L		113	68 - 136
Bromomethane	25.0	25.4		ug/L		102	43 - 151
2-Butanone (MEK)	125	108		ug/L		86	66 - 149
n-Butylbenzene	25.0	28.0		ug/L		112	79 - 142
sec-Butylbenzene	25.0	26.9		ug/L		108	81 - 134
tert-Butylbenzene	25.0	27.1		ug/L		108	82 - 135
Carbon disulfide	25.0	21.4		ug/L		86	68 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-87295/5
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCS 720-87295/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Carbon tetrachloride	25.0	26.0		ug/L		104	77 - 146
Chlorobenzene	25.0	24.4		ug/L		98	70 - 130
Chloroethane	25.0	25.1		ug/L		100	62 - 138
Chloroform	25.0	24.2		ug/L		97	70 - 130
Chloromethane	25.0	22.5		ug/L		90	52 - 175
2-Chlorotoluene	25.0	26.5		ug/L		106	70 - 130
4-Chlorotoluene	25.0	26.0		ug/L		104	70 - 130
Chlorodibromomethane	25.0	28.9		ug/L		116	78 - 145
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.6		ug/L		103	87 - 118
1,3-Dichloropropane	25.0	24.0		ug/L		96	82 - 128
1,1-Dichloropropene	25.0	24.1		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.7		ug/L		111	72 - 136
Ethylene Dibromide	25.0	26.6		ug/L		106	70 - 130
Dibromomethane	25.0	24.5		ug/L		98	70 - 130
Dichlorodifluoromethane	25.0	18.4		ug/L		74	33 - 125
1,1-Dichloroethane	25.0	22.5		ug/L		90	70 - 130
1,2-Dichloroethane	25.0	24.4		ug/L		98	70 - 126
1,1-Dichloroethene	25.0	22.7		ug/L		91	64 - 128
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	70 - 130
trans-1,2-Dichloroethene	25.0	19.8		ug/L		79	75 - 131
1,2-Dichloropropane	25.0	22.7		ug/L		91	70 - 130
cis-1,3-Dichloropropene	25.0	25.1		ug/L		100	88 - 137
trans-1,3-Dichloropropene	25.0	27.7		ug/L		111	83 - 140
Ethylbenzene	25.0	24.7		ug/L		99	86 - 135
Hexachlorobutadiene	25.0	27.0		ug/L		108	70 - 130
2-Hexanone	125	132		ug/L		106	60 - 164
Isopropylbenzene	25.0	27.5		ug/L		110	70 - 130
4-Isopropyltoluene	25.0	27.7		ug/L		111	70 - 130
Methylene Chloride	25.0	20.5		ug/L		82	73 - 147
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		106	63 - 165
Naphthalene	25.0	27.7		ug/L		111	78 - 135
N-Propylbenzene	25.0	25.7		ug/L		103	70 - 130
Styrene	25.0	26.8		ug/L		107	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.2		ug/L		113	70 - 130
1,1,2,2-Tetrachloroethane	25.0	26.2		ug/L		105	70 - 130
Tetrachloroethene	25.0	24.7		ug/L		99	70 - 130
Toluene	25.0	23.4		ug/L		94	83 - 129
1,2,3-Trichlorobenzene	25.0	27.1		ug/L		108	70 - 130
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		107	70 - 130
1,1,1-Trichloroethane	25.0	26.1		ug/L		104	70 - 130
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	82 - 128
Trichloroethene	25.0	23.6		ug/L		94	70 - 130
Trichlorofluoromethane	25.0	29.3		ug/L		117	74 - 146
1,2,3-Trichloropropane	25.0	27.7		ug/L		111	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.0		ug/L		96	42 - 162
1,2,4-Trimethylbenzene	25.0	26.9		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.7		ug/L		111	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-87295/5
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCS 720-87295/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Vinyl acetate	25.0	27.3		ug/L		109	43 - 163
Vinyl chloride	25.0	23.7		ug/L		95	65 - 156
m-Xylene & p-Xylene	50.0	50.0		ug/L		100	70 - 142
o-Xylene	25.0	26.1		ug/L		104	89 - 136
2,2-Dichloropropane	25.0	27.7		ug/L		111	70 - 140
TBA	500	490		ug/L		98	82 - 116
Ethanol	500	512		ug/L		102	31 - 216
DIPE	25.0	22.9		ug/L		92	74 - 155
TAME	25.0	24.5		ug/L		98	79 - 129
Ethyl t-butyl ether	25.0	23.0		ug/L		92	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCS 720-87295/7
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCS 720-87295/7
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	446		ug/L		89	62 - 117

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-87295/6
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCSD 720-87295/6
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	21.7		ug/L		87	62 - 130	6	20
Acetone	125	95.8		ug/L		77	26 - 180	12	30
Benzene	25.0	22.7		ug/L		91	82 - 127	1	20
Dichlorobromomethane	25.0	26.4		ug/L		105	70 - 130	3	20
Bromobenzene	25.0	25.7		ug/L		103	79 - 127	0	20
Chlorobromomethane	25.0	22.7		ug/L		91	70 - 130	3	20
Bromoform	25.0	27.0		ug/L		108	68 - 136	4	20
Bromomethane	25.0	25.2		ug/L		101	43 - 151	1	20
2-Butanone (MEK)	125	90.5		ug/L		72	66 - 149	18	20
n-Butylbenzene	25.0	27.9		ug/L		112	79 - 142	0	20
sec-Butylbenzene	25.0	27.0		ug/L		108	81 - 134	0	20
tert-Butylbenzene	25.0	27.3		ug/L		109	82 - 135	1	20
Carbon disulfide	25.0	21.3		ug/L		85	68 - 137	1	20
Carbon tetrachloride	25.0	25.6		ug/L		103	77 - 146	1	20
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130	1	20
Chloroethane	25.0	25.1		ug/L		100	62 - 138	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-87295/6
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCSD 720-87295/6
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chloroform	25.0	23.7		ug/L		95	70 - 130	2	20
Chloromethane	25.0	22.0		ug/L		88	52 - 175	2	20
2-Chlorotoluene	25.0	26.4		ug/L		105	70 - 130	0	20
4-Chlorotoluene	25.0	26.2		ug/L		105	70 - 130	1	20
Chlorodibromomethane	25.0	28.0		ug/L		112	78 - 145	3	20
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130	1	20
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130	1	20
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	87 - 118	1	20
1,3-Dichloropropane	25.0	23.5		ug/L		94	82 - 128	2	20
1,1-Dichloropropene	25.0	23.4		ug/L		94	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	25.0	25.5		ug/L		102	72 - 136	9	20
Ethylene Dibromide	25.0	25.3		ug/L		101	70 - 130	5	20
Dibromomethane	25.0	23.6		ug/L		94	70 - 130	4	20
Dichlorodifluoromethane	25.0	17.6		ug/L		70	33 - 125	4	20
1,1-Dichloroethane	25.0	22.2		ug/L		89	70 - 130	1	20
1,2-Dichloroethane	25.0	23.4		ug/L		93	70 - 126	4	20
1,1-Dichloroethene	25.0	22.0		ug/L		88	64 - 128	3	20
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	19.5		ug/L		78	75 - 131	1	20
1,2-Dichloropropane	25.0	22.4		ug/L		90	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	88 - 137	1	20
trans-1,3-Dichloropropene	25.0	27.1		ug/L		108	83 - 140	2	20
Ethylbenzene	25.0	25.1		ug/L		100	86 - 135	1	20
Hexachlorobutadiene	25.0	27.1		ug/L		108	70 - 130	1	20
2-Hexanone	125	115		ug/L		92	60 - 164	14	20
Isopropylbenzene	25.0	27.7		ug/L		111	70 - 130	1	20
4-Isopropyltoluene	25.0	27.5		ug/L		110	70 - 130	1	20
Methylene Chloride	25.0	20.3		ug/L		81	73 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	63 - 165	12	20
Naphthalene	25.0	26.1		ug/L		104	78 - 135	6	20
N-Propylbenzene	25.0	25.6		ug/L		103	70 - 130	0	20
Styrene	25.0	27.3		ug/L		109	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	28.3		ug/L		113	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	70 - 130	7	20
Tetrachloroethene	25.0	24.7		ug/L		99	70 - 130	0	20
Toluene	25.0	23.5		ug/L		94	83 - 129	1	20
1,2,3-Trichlorobenzene	25.0	26.7		ug/L		107	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	26.4		ug/L		105	70 - 130	1	20
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	70 - 130	1	20
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	82 - 128	3	20
Trichloroethene	25.0	23.5		ug/L		94	70 - 130	0	20
Trichlorofluoromethane	25.0	28.4		ug/L		114	74 - 146	3	20
1,2,3-Trichloropropane	25.0	25.6		ug/L		102	70 - 130	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.2		ug/L		93	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	26.9		ug/L		108	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	27.7		ug/L		111	70 - 130	0	20
Vinyl acetate	25.0	25.2		ug/L		101	43 - 163	8	20
Vinyl chloride	25.0	23.6		ug/L		94	65 - 156	1	20
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 142	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-87295/6
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCSD 720-87295/6
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
o-Xylene			25.0	26.4		ug/L		106	89 - 136	1	20
2,2-Dichloropropane			25.0	28.0		ug/L		112	70 - 140	1	20
TBA			500	476		ug/L		95	82 - 116	3	20
Ethanol			500	553		ug/L		111	31 - 216	8	30
DIPE			25.0	22.7		ug/L		91	74 - 155	1	20
TAME			25.0	23.9		ug/L		96	79 - 129	2	20
Ethyl t-butyl ether			25.0	22.5		ug/L		90	70 - 130	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-87295/8
Matrix: Water
Analysis Batch: 87295

Client Sample ID: LCSD 720-87295/8
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	448		ug/L		90	62 - 117	1	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-33743-2 MS
Matrix: Water
Analysis Batch: 87295

Client Sample ID: EFF-001-3-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	ND		25.0	21.9		ug/L		87	60 - 138
Acetone	ND		125	73.3	F	ug/L		59	60 - 140
Benzene	ND		25.0	22.8		ug/L		91	60 - 140
Dichlorobromomethane	ND		25.0	26.1		ug/L		105	60 - 140
Bromobenzene	ND		25.0	25.6		ug/L		102	60 - 140
Chlorobromomethane	ND		25.0	22.4		ug/L		90	60 - 140
Bromoform	ND		25.0	26.0		ug/L		104	56 - 140
Bromomethane	ND		25.0	24.7		ug/L		99	23 - 140
2-Butanone (MEK)	ND		125	89.9		ug/L		72	60 - 140
n-Butylbenzene	ND		25.0	26.9		ug/L		107	60 - 140
sec-Butylbenzene	ND		25.0	26.4		ug/L		105	60 - 140
tert-Butylbenzene	ND		25.0	27.0		ug/L		108	60 - 140
Carbon disulfide	0.37	J	25.0	21.3		ug/L		84	38 - 140
Carbon tetrachloride	ND		25.0	24.5		ug/L		98	60 - 140
Chlorobenzene	ND		25.0	24.1		ug/L		97	60 - 140
Chloroethane	ND		25.0	25.3		ug/L		101	51 - 140
Chloroform	ND		25.0	23.8		ug/L		95	60 - 140
Chloromethane	ND		25.0	21.8		ug/L		87	52 - 140
2-Chlorotoluene	ND		25.0	26.4		ug/L		106	60 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-33743-2 MS
Matrix: Water
Analysis Batch: 87295

Client Sample ID: EFF-001-3-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
4-Chlorotoluene	ND		25.0	25.8		ug/L		103	60 - 140
Chlorodibromomethane	ND		25.0	27.6		ug/L		111	60 - 140
1,2-Dichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140
1,3-Dichloropropane	ND		25.0	23.3		ug/L		93	60 - 140
1,1-Dichloropropene	ND		25.0	22.8		ug/L		91	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	24.8		ug/L		99	60 - 140
Ethylene Dibromide	ND		25.0	25.1		ug/L		100	60 - 140
Dibromomethane	ND		25.0	23.6		ug/L		94	60 - 140
Dichlorodifluoromethane	ND		25.0	18.3		ug/L		73	38 - 140
1,1-Dichloroethane	ND		25.0	22.4		ug/L		89	60 - 140
1,2-Dichloroethane	ND		25.0	23.1		ug/L		92	60 - 140
1,1-Dichloroethene	ND		25.0	21.6		ug/L		86	60 - 140
cis-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	60 - 140
trans-1,2-Dichloroethene	ND		25.0	19.6		ug/L		78	60 - 140
1,2-Dichloropropane	ND		25.0	22.6		ug/L		90	60 - 140
cis-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	60 - 140
trans-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	60 - 140
Ethylbenzene	ND		25.0	24.5		ug/L		98	60 - 140
Hexachlorobutadiene	ND		25.0	26.3		ug/L		105	60 - 140
2-Hexanone	ND		125	105		ug/L		84	60 - 140
Isopropylbenzene	ND		25.0	26.7		ug/L		107	60 - 140
4-Isopropyltoluene	ND		25.0	27.0		ug/L		108	60 - 140
Methylene Chloride	ND		25.0	20.4		ug/L		82	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		91	60 - 140
Naphthalene	ND		25.0	25.3		ug/L		101	56 - 140
N-Propylbenzene	ND		25.0	25.2		ug/L		101	60 - 140
Styrene	ND		25.0	25.0		ug/L		100	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	27.9		ug/L		112	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	60 - 140
Tetrachloroethene	ND		25.0	23.6		ug/L		94	60 - 140
Toluene	ND		25.0	23.8		ug/L		95	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.0		ug/L		104	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.2		ug/L		101	60 - 140
1,1,2-Trichloroethane	ND		25.0	23.9		ug/L		95	60 - 140
Trichloroethene	ND		25.0	22.6		ug/L		91	60 - 140
Trichlorofluoromethane	ND		25.0	27.9		ug/L		112	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.6		ug/L		102	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.8		ug/L		91	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	27.2		ug/L		109	60 - 140
Vinyl acetate	ND		25.0	24.2		ug/L		97	40 - 140
Vinyl chloride	ND		25.0	23.4		ug/L		94	58 - 140
m-Xylene & p-Xylene	ND		50.0	49.3		ug/L		99	60 - 140
o-Xylene	ND		25.0	25.9		ug/L		104	60 - 140
2,2-Dichloropropane	ND		25.0	26.1		ug/L		104	60 - 140
TBA	ND		500	493		ug/L		99	60 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-33743-2 MS
Matrix: Water
Analysis Batch: 87295

Client Sample ID: EFF-001-3-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethanol	ND		500	552		ug/L		110	60 - 140
DIPE	ND		25.0	22.9		ug/L		92	60 - 140
TAME	ND		25.0	23.9		ug/L		96	60 - 140
Ethyl t-butyl ether	ND		25.0	22.7		ug/L		91	60 - 140

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-33743-2 MSD
Matrix: Water
Analysis Batch: 87295

Client Sample ID: EFF-001-3-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	21.6		ug/L		87	60 - 138	1	20
Acetone	ND		125	73.8	F	ug/L		59	60 - 140	1	20
Benzene	ND		25.0	22.7		ug/L		91	60 - 140	1	20
Dichlorobromomethane	ND		25.0	26.3		ug/L		105	60 - 140	1	20
Bromobenzene	ND		25.0	25.9		ug/L		104	60 - 140	1	20
Chlorobromomethane	ND		25.0	22.9		ug/L		91	60 - 140	2	20
Bromoform	ND		25.0	26.3		ug/L		105	56 - 140	1	20
Bromomethane	ND		25.0	24.7		ug/L		99	23 - 140	0	20
2-Butanone (MEK)	ND		125	84.3		ug/L		67	60 - 140	6	20
n-Butylbenzene	ND		25.0	27.3		ug/L		109	60 - 140	2	20
sec-Butylbenzene	ND		25.0	26.8		ug/L		107	60 - 140	2	20
tert-Butylbenzene	ND		25.0	27.2		ug/L		109	60 - 140	1	20
Carbon disulfide	0.37	J	25.0	21.4		ug/L		84	38 - 140	0	20
Carbon tetrachloride	ND		25.0	24.9		ug/L		100	60 - 140	1	20
Chlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140	1	20
Chloroethane	ND		25.0	25.2		ug/L		101	51 - 140	0	20
Chloroform	ND		25.0	23.7		ug/L		95	60 - 140	0	20
Chloromethane	ND		25.0	21.9		ug/L		88	52 - 140	1	20
2-Chlorotoluene	ND		25.0	26.6		ug/L		106	60 - 140	1	20
4-Chlorotoluene	ND		25.0	26.1		ug/L		104	60 - 140	1	20
Chlorodibromomethane	ND		25.0	27.7		ug/L		111	60 - 140	0	20
1,2-Dichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	23.4		ug/L		94	60 - 140	1	20
1,1-Dichloropropene	ND		25.0	22.8		ug/L		91	60 - 140	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.5		ug/L		102	60 - 140	3	20
Ethylene Dibromide	ND		25.0	25.1		ug/L		100	60 - 140	0	20
Dibromomethane	ND		25.0	23.2		ug/L		93	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	17.8		ug/L		71	38 - 140	3	20
1,1-Dichloroethane	ND		25.0	22.0		ug/L		88	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	22.9		ug/L		92	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	21.9		ug/L		87	60 - 140	1	20
cis-1,2-Dichloroethene	ND		25.0	25.9		ug/L		103	60 - 140	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-33743-2 MSD
Matrix: Water
Analysis Batch: 87295

Client Sample ID: EFF-001-3-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	ND		25.0	19.6		ug/L		78	60 - 140	0	20
1,2-Dichloropropane	ND		25.0	22.3		ug/L		89	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	24.6		ug/L		98	60 - 140	0	20
trans-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	60 - 140	0	20
Ethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140	0	20
Hexachlorobutadiene	ND		25.0	27.2		ug/L		109	60 - 140	3	20
2-Hexanone	ND		125	104		ug/L		83	60 - 140	1	20
Isopropylbenzene	ND		25.0	27.1		ug/L		108	60 - 140	1	20
4-Isopropyltoluene	ND		25.0	27.5		ug/L		110	60 - 140	2	20
Methylene Chloride	ND		25.0	20.4		ug/L		82	40 - 140	0	20
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		90	60 - 140	0	20
Naphthalene	ND		25.0	26.5		ug/L		106	56 - 140	5	20
N-Propylbenzene	ND		25.0	25.4		ug/L		102	60 - 140	1	20
Styrene	ND		25.0	26.3		ug/L		105	60 - 140	5	20
1,1,1,2-Tetrachloroethane	ND		25.0	27.9		ug/L		111	60 - 140	0	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		99	60 - 140	2	20
Tetrachloroethene	ND		25.0	23.7		ug/L		95	60 - 140	1	20
Toluene	ND		25.0	23.4		ug/L		94	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	27.4		ug/L		110	60 - 140	3	20
1,2,4-Trichlorobenzene	ND		25.0	26.7		ug/L		107	60 - 140	3	20
1,1,1-Trichloroethane	ND		25.0	25.4		ug/L		101	60 - 140	1	20
1,1,2-Trichloroethane	ND		25.0	23.6		ug/L		95	60 - 140	1	20
Trichloroethene	ND		25.0	23.0		ug/L		92	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	27.7		ug/L		111	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	25.9		ug/L		103	60 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.1		ug/L		92	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	26.5		ug/L		106	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	27.5		ug/L		110	60 - 140	1	20
Vinyl acetate	ND		25.0	23.3		ug/L		93	40 - 140	4	20
Vinyl chloride	ND		25.0	23.8		ug/L		95	58 - 140	2	20
m-Xylene & p-Xylene	ND		50.0	49.4		ug/L		99	60 - 140	0	20
o-Xylene	ND		25.0	26.0		ug/L		104	60 - 140	0	20
2,2-Dichloropropane	ND		25.0	26.6		ug/L		106	60 - 140	2	20
TBA	ND		500	480		ug/L		96	60 - 140	3	20
Ethanol	ND		500	550		ug/L		110	60 - 140	0	20
DIPE	ND		25.0	22.7		ug/L		91	60 - 140	1	20
TAME	ND		25.0	23.6		ug/L		94	60 - 140	1	20
Ethyl t-butyl ether	ND		25.0	22.4		ug/L		90	60 - 140	1	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-87456/4
Matrix: Water
Analysis Batch: 87456

Client Sample ID: MB 720-87456/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			03/10/11 09:53	1
Acetone	ND		50	3.7	ug/L			03/10/11 09:53	1
Benzene	ND		0.50	0.075	ug/L			03/10/11 09:53	1
Dichlorobromomethane	ND		0.50	0.042	ug/L			03/10/11 09:53	1
Bromobenzene	ND		1.0	0.056	ug/L			03/10/11 09:53	1
Chlorobromomethane	ND		1.0	0.073	ug/L			03/10/11 09:53	1
Bromoform	ND		1.0	0.080	ug/L			03/10/11 09:53	1
Bromomethane	ND		1.0	0.49	ug/L			03/10/11 09:53	1
2-Butanone (MEK)	ND		50	8.4	ug/L			03/10/11 09:53	1
n-Butylbenzene	ND		1.0	0.10	ug/L			03/10/11 09:53	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			03/10/11 09:53	1
tert-Butylbenzene	ND		1.0	0.050	ug/L			03/10/11 09:53	1
Carbon disulfide	ND		5.0	0.078	ug/L			03/10/11 09:53	1
Carbon tetrachloride	ND		0.50	0.072	ug/L			03/10/11 09:53	1
Chlorobenzene	ND		0.50	0.13	ug/L			03/10/11 09:53	1
Chloroethane	ND		1.0	0.12	ug/L			03/10/11 09:53	1
Chloroform	ND		1.0	0.053	ug/L			03/10/11 09:53	1
Chloromethane	ND		1.0	0.19	ug/L			03/10/11 09:53	1
2-Chlorotoluene	ND		0.50	0.061	ug/L			03/10/11 09:53	1
4-Chlorotoluene	ND		0.50	0.048	ug/L			03/10/11 09:53	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			03/10/11 09:53	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			03/10/11 09:53	1
1,3-Dichlorobenzene	ND		0.50	0.058	ug/L			03/10/11 09:53	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			03/10/11 09:53	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			03/10/11 09:53	1
1,1-Dichloropropene	ND		0.50	0.050	ug/L			03/10/11 09:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.21	ug/L			03/10/11 09:53	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			03/10/11 09:53	1
Dibromomethane	ND		0.50	0.067	ug/L			03/10/11 09:53	1
Dichlorodifluoromethane	ND		0.50	0.067	ug/L			03/10/11 09:53	1
1,1-Dichloroethane	ND		0.50	0.067	ug/L			03/10/11 09:53	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			03/10/11 09:53	1
1,1-Dichloroethene	ND		0.50	0.058	ug/L			03/10/11 09:53	1
cis-1,2-Dichloroethene	ND		0.50	0.071	ug/L			03/10/11 09:53	1
trans-1,2-Dichloroethene	ND		0.50	0.070	ug/L			03/10/11 09:53	1
1,2-Dichloropropane	ND		0.50	0.044	ug/L			03/10/11 09:53	1
cis-1,3-Dichloropropene	ND		0.50	0.070	ug/L			03/10/11 09:53	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			03/10/11 09:53	1
Ethylbenzene	0.0796	J	0.50	0.070	ug/L			03/10/11 09:53	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			03/10/11 09:53	1
2-Hexanone	ND		50	2.7	ug/L			03/10/11 09:53	1
Isopropylbenzene	ND		0.50	0.038	ug/L			03/10/11 09:53	1
4-Isopropyltoluene	ND		1.0	0.075	ug/L			03/10/11 09:53	1
Methylene Chloride	ND		5.0	1.0	ug/L			03/10/11 09:53	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			03/10/11 09:53	1
Naphthalene	ND		1.0	0.22	ug/L			03/10/11 09:53	1
N-Propylbenzene	ND		1.0	0.056	ug/L			03/10/11 09:53	1
Styrene	ND		0.50	0.075	ug/L			03/10/11 09:53	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			03/10/11 09:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-87456/4
Matrix: Water
Analysis Batch: 87456

Client Sample ID: MB 720-87456/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			03/10/11 09:53	1
Tetrachloroethene	ND		0.50	0.065	ug/L			03/10/11 09:53	1
Toluene	ND		0.50	0.17	ug/L			03/10/11 09:53	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			03/10/11 09:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			03/10/11 09:53	1
1,1,1-Trichloroethane	ND		0.50	0.055	ug/L			03/10/11 09:53	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			03/10/11 09:53	1
Trichloroethene	ND		0.50	0.059	ug/L			03/10/11 09:53	1
Trichlorofluoromethane	ND		1.0	0.067	ug/L			03/10/11 09:53	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			03/10/11 09:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			03/10/11 09:53	1
1,2,4-Trimethylbenzene	0.123	J	0.50	0.045	ug/L			03/10/11 09:53	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			03/10/11 09:53	1
Vinyl acetate	ND		10	0.60	ug/L			03/10/11 09:53	1
Vinyl chloride	ND		0.50	0.050	ug/L			03/10/11 09:53	1
m-Xylene & p-Xylene	0.254	J	1.0	0.088	ug/L			03/10/11 09:53	1
o-Xylene	ND		0.50	0.053	ug/L			03/10/11 09:53	1
Xylenes, Total	ND		1.0	0.49	ug/L			03/10/11 09:53	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			03/10/11 09:53	1
TBA	ND		4.0	1.9	ug/L			03/10/11 09:53	1
Ethanol	ND		250	40	ug/L			03/10/11 09:53	1
DIPE	ND		0.50	0.050	ug/L			03/10/11 09:53	1
TAME	ND		0.50	0.071	ug/L			03/10/11 09:53	1
Ethyl t-butyl ether	ND		0.50	0.098	ug/L			03/10/11 09:53	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*03/10/11 09:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*67 - 130*		*03/10/11 09:53*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/10/11 09:53*	*1*

Lab Sample ID: LCS 720-87456/5
Matrix: Water
Analysis Batch: 87456

Client Sample ID: LCS 720-87456/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	25.2		ug/L		101	62 - 130
Acetone	125	88.5		ug/L		71	26 - 180
Benzene	25.0	23.8		ug/L		95	82 - 127
Dichlorobromomethane	25.0	24.7		ug/L		99	70 - 130
Bromobenzene	25.0	25.0		ug/L		100	79 - 127
Chlorobromomethane	25.0	24.6		ug/L		99	70 - 130
Bromoform	25.0	25.6		ug/L		102	68 - 136
Bromomethane	25.0	23.6		ug/L		95	43 - 151
2-Butanone (MEK)	125	109		ug/L		87	66 - 149
n-Butylbenzene	25.0	26.4		ug/L		105	79 - 142
sec-Butylbenzene	25.0	25.4		ug/L		102	81 - 134
tert-Butylbenzene	25.0	26.1		ug/L		104	82 - 135
Carbon disulfide	25.0	22.7		ug/L		91	68 - 137
Carbon tetrachloride	25.0	23.7		ug/L		95	77 - 146

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-87456/5
Matrix: Water
Analysis Batch: 87456

Client Sample ID: LCS 720-87456/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chlorobenzene	25.0	24.2		ug/L		97	70 - 130
Chloroethane	25.0	23.4		ug/L		94	62 - 138
Chloroform	25.0	22.4		ug/L		89	70 - 130
Chloromethane	25.0	20.8		ug/L		83	52 - 175
2-Chlorotoluene	25.0	24.4		ug/L		98	70 - 130
4-Chlorotoluene	25.0	24.1		ug/L		96	70 - 130
Chlorodibromomethane	25.0	26.2		ug/L		105	78 - 145
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	70 - 130
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	87 - 118
1,3-Dichloropropane	25.0	24.6		ug/L		98	82 - 128
1,1-Dichloropropene	25.0	25.2		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.1		ug/L		100	72 - 136
Ethylene Dibromide	25.0	25.8		ug/L		103	70 - 130
Dibromomethane	25.0	23.8		ug/L		95	70 - 130
Dichlorodifluoromethane	25.0	18.4		ug/L		73	33 - 125
1,1-Dichloroethane	25.0	22.6		ug/L		90	70 - 130
1,2-Dichloroethane	25.0	22.2		ug/L		89	70 - 126
1,1-Dichloroethene	25.0	23.6		ug/L		94	64 - 128
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	70 - 130
trans-1,2-Dichloroethene	25.0	20.6		ug/L		83	75 - 131
1,2-Dichloropropane	25.0	23.9		ug/L		95	70 - 130
cis-1,3-Dichloropropene	25.0	26.5		ug/L		106	88 - 137
trans-1,3-Dichloropropene	25.0	25.6		ug/L		103	83 - 140
Ethylbenzene	25.0	24.5		ug/L		98	86 - 135
Hexachlorobutadiene	25.0	26.0		ug/L		104	70 - 130
2-Hexanone	125	124		ug/L		99	60 - 164
Isopropylbenzene	25.0	27.2		ug/L		109	70 - 130
4-Isopropyltoluene	25.0	25.7		ug/L		103	70 - 130
Methylene Chloride	25.0	22.3		ug/L		89	73 - 147
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	63 - 165
Naphthalene	25.0	26.3		ug/L		105	78 - 135
N-Propylbenzene	25.0	24.5		ug/L		98	70 - 130
Styrene	25.0	27.4		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	25.0	25.9		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.1		ug/L		88	70 - 130
Tetrachloroethene	25.0	26.3		ug/L		105	70 - 130
Toluene	25.0	24.7		ug/L		99	83 - 129
1,2,3-Trichlorobenzene	25.0	26.9		ug/L		108	70 - 130
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	70 - 130
1,1,1-Trichloroethane	25.0	23.7		ug/L		95	70 - 130
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	82 - 128
Trichloroethene	25.0	25.3		ug/L		101	70 - 130
Trichlorofluoromethane	25.0	24.5		ug/L		98	74 - 146
1,2,3-Trichloropropane	25.0	22.3		ug/L		89	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.7		ug/L		99	42 - 162
1,2,4-Trimethylbenzene	25.0	25.3		ug/L		101	70 - 132
1,3,5-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 130
Vinyl acetate	25.0	26.5		ug/L		106	43 - 163

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-87456/5
Matrix: Water
Analysis Batch: 87456

Client Sample ID: LCS 720-87456/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Vinyl chloride	25.0	22.2		ug/L		89	65 - 156
m-Xylene & p-Xylene	50.0	52.0		ug/L		104	70 - 142
o-Xylene	25.0	25.5		ug/L		102	89 - 136
2,2-Dichloropropane	25.0	26.8		ug/L		107	70 - 140
TBA	500	474		ug/L		95	82 - 116
Ethanol	500	354		ug/L		71	31 - 216
DIPE	25.0	24.1		ug/L		96	74 - 155
TAME	25.0	28.4		ug/L		114	79 - 129
Ethyl t-butyl ether	25.0	26.4		ug/L		105	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*67 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 720-87456/6
Matrix: Water
Analysis Batch: 87456

Client Sample ID: LCSD 720-87456/6
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	25.4		ug/L		102	62 - 130	1	20
Acetone	125	83.6		ug/L		67	26 - 180	6	30
Benzene	25.0	23.6		ug/L		94	82 - 127	1	20
Dichlorobromomethane	25.0	24.7		ug/L		99	70 - 130	0	20
Bromobenzene	25.0	25.1		ug/L		100	79 - 127	0	20
Chlorobromomethane	25.0	24.4		ug/L		98	70 - 130	1	20
Bromoform	25.0	25.5		ug/L		102	68 - 136	1	20
Bromomethane	25.0	23.5		ug/L		94	43 - 151	0	20
2-Butanone (MEK)	125	105		ug/L		84	66 - 149	4	20
n-Butylbenzene	25.0	26.0		ug/L		104	79 - 142	2	20
sec-Butylbenzene	25.0	25.2		ug/L		101	81 - 134	1	20
tert-Butylbenzene	25.0	25.9		ug/L		104	82 - 135	1	20
Carbon disulfide	25.0	22.2		ug/L		89	68 - 137	2	20
Carbon tetrachloride	25.0	23.1		ug/L		93	77 - 146	2	20
Chlorobenzene	25.0	24.1		ug/L		96	70 - 130	0	20
Chloroethane	25.0	23.0		ug/L		92	62 - 138	2	20
Chloroform	25.0	22.2		ug/L		89	70 - 130	1	20
Chloromethane	25.0	21.3		ug/L		85	52 - 175	2	20
2-Chlorotoluene	25.0	24.5		ug/L		98	70 - 130	0	20
4-Chlorotoluene	25.0	24.1		ug/L		96	70 - 130	0	20
Chlorodibromomethane	25.0	25.9		ug/L		104	78 - 145	1	20
1,2-Dichlorobenzene	25.0	24.1		ug/L		97	70 - 130	1	20
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	1	20
1,4-Dichlorobenzene	25.0	24.2		ug/L		97	87 - 118	1	20
1,3-Dichloropropane	25.0	24.4		ug/L		98	82 - 128	1	20
1,1-Dichloropropene	25.0	24.4		ug/L		98	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	25.0	25.0		ug/L		100	72 - 136	0	20
Ethylene Dibromide	25.0	25.6		ug/L		102	70 - 130	1	20
Dibromomethane	25.0	23.5		ug/L		94	70 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-87456/6
Matrix: Water
Analysis Batch: 87456

Client Sample ID: LCSD 720-87456/6
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane			25.0	17.7		ug/L		71	33 - 125	4	20
1,1-Dichloroethane			25.0	22.5		ug/L		90	70 - 130	1	20
1,2-Dichloroethane			25.0	22.2		ug/L		89	70 - 126	0	20
1,1-Dichloroethene			25.0	23.0		ug/L		92	64 - 128	2	20
cis-1,2-Dichloroethene			25.0	25.9		ug/L		104	70 - 130	1	20
trans-1,2-Dichloroethene			25.0	20.4		ug/L		82	75 - 131	1	20
1,2-Dichloropropane			25.0	23.8		ug/L		95	70 - 130	0	20
cis-1,3-Dichloropropene			25.0	26.6		ug/L		106	88 - 137	0	20
trans-1,3-Dichloropropene			25.0	25.7		ug/L		103	83 - 140	0	20
Ethylbenzene			25.0	24.3		ug/L		97	86 - 135	1	20
Hexachlorobutadiene			25.0	25.7		ug/L		103	70 - 130	1	20
2-Hexanone			125	119		ug/L		95	60 - 164	4	20
Isopropylbenzene			25.0	26.7		ug/L		107	70 - 130	2	20
4-Isopropyltoluene			25.0	25.5		ug/L		102	70 - 130	1	20
Methylene Chloride			25.0	22.1		ug/L		88	73 - 147	1	20
4-Methyl-2-pentanone (MIBK)			125	116		ug/L		93	63 - 165	2	20
Naphthalene			25.0	26.7		ug/L		107	78 - 135	2	20
N-Propylbenzene			25.0	24.2		ug/L		97	70 - 130	1	20
Styrene			25.0	27.2		ug/L		109	70 - 130	1	20
1,1,1,2-Tetrachloroethane			25.0	25.9		ug/L		104	70 - 130	0	20
1,1,2,2-Tetrachloroethane			25.0	22.2		ug/L		89	70 - 130	0	20
Tetrachloroethene			25.0	25.8		ug/L		103	70 - 130	2	20
Toluene			25.0	24.5		ug/L		98	83 - 129	1	20
1,2,3-Trichlorobenzene			25.0	27.6		ug/L		110	70 - 130	2	20
1,2,4-Trichlorobenzene			25.0	27.6		ug/L		110	70 - 130	2	20
1,1,1-Trichloroethane			25.0	23.4		ug/L		93	70 - 130	2	20
1,1,2-Trichloroethane			25.0	24.1		ug/L		97	82 - 128	0	20
Trichloroethene			25.0	24.8		ug/L		99	70 - 130	2	20
Trichlorofluoromethane			25.0	23.4		ug/L		94	74 - 146	4	20
1,2,3-Trichloropropane			25.0	22.5		ug/L		90	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	24.0		ug/L		96	42 - 162	3	20
1,2,4-Trimethylbenzene			25.0	25.3		ug/L		101	70 - 132	0	20
1,3,5-Trimethylbenzene			25.0	25.7		ug/L		103	70 - 130	1	20
Vinyl acetate			25.0	26.6		ug/L		106	43 - 163	0	20
Vinyl chloride			25.0	21.7		ug/L		87	65 - 156	2	20
m-Xylene & p-Xylene			50.0	51.3		ug/L		103	70 - 142	1	20
o-Xylene			25.0	25.3		ug/L		101	89 - 136	1	20
2,2-Dichloropropane			25.0	26.3		ug/L		105	70 - 140	2	20
TBA			500	480		ug/L		96	82 - 116	1	20
Ethanol			500	357		ug/L		71	31 - 216	1	30
DIPE			25.0	24.0		ug/L		96	74 - 155	0	20
TAME			25.0	28.6		ug/L		114	79 - 129	0	20
Ethyl t-butyl ether			25.0	26.6		ug/L		106	70 - 130	1	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*67 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8270C SIM - PAHs by GCMS (SIM)

Lab Sample ID: MB 720-87336/1-A
Matrix: Water
Analysis Batch: 87384

Client Sample ID: MB 720-87336/1-A
Prep Type: Total/NA
Prep Batch: 87336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.10	0.030	ug/L		03/08/11 14:35	03/09/11 10:23	1
Acenaphthene	ND		0.10	0.035	ug/L		03/08/11 14:35	03/09/11 10:23	1
Acenaphthylene	ND		0.10	0.035	ug/L		03/08/11 14:35	03/09/11 10:23	1
Fluorene	ND		0.10	0.031	ug/L		03/08/11 14:35	03/09/11 10:23	1
Phenanthrene	ND		0.10	0.024	ug/L		03/08/11 14:35	03/09/11 10:23	1
Anthracene	ND		0.10	0.029	ug/L		03/08/11 14:35	03/09/11 10:23	1
Benzo[a]anthracene	ND		0.10	0.027	ug/L		03/08/11 14:35	03/09/11 10:23	1
Chrysene	ND		0.10	0.031	ug/L		03/08/11 14:35	03/09/11 10:23	1
Benzo[a]pyrene	ND		0.10	0.023	ug/L		03/08/11 14:35	03/09/11 10:23	1
Benzo[b]fluoranthene	ND		0.10	0.030	ug/L		03/08/11 14:35	03/09/11 10:23	1
Benzo[k]fluoranthene	ND		0.10	0.034	ug/L		03/08/11 14:35	03/09/11 10:23	1
Benzo[g,h,i]perylene	ND		0.10	0.022	ug/L		03/08/11 14:35	03/09/11 10:23	1
Indeno[1,2,3-cd]pyrene	ND		0.10	0.027	ug/L		03/08/11 14:35	03/09/11 10:23	1
Fluoranthene	ND		0.10	0.028	ug/L		03/08/11 14:35	03/09/11 10:23	1
Pyrene	ND		0.10	0.035	ug/L		03/08/11 14:35	03/09/11 10:23	1
Dibenz(a,h)anthracene	ND		0.10	0.026	ug/L		03/08/11 14:35	03/09/11 10:23	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*29 - 120*	*03/08/11 14:35*	*03/09/11 10:23*	*1*
Terphenyl-d14	*85*		*45 - 120*	*03/08/11 14:35*	*03/09/11 10:23*	*1*

Lab Sample ID: LCS 720-87336/2-A
Matrix: Water
Analysis Batch: 87384

Client Sample ID: LCS 720-87336/2-A
Prep Type: Total/NA
Prep Batch: 87336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	10.0	5.87		ug/L		59	33 - 120
Acenaphthene	10.0	6.40		ug/L		64	37 - 120
Acenaphthylene	10.0	6.43		ug/L		64	36 - 120
Fluorene	10.0	6.50		ug/L		65	39 - 120
Phenanthrene	10.0	7.86		ug/L		79	44 - 120
Anthracene	10.0	9.68		ug/L		97	45 - 120
Benzo[a]anthracene	10.0	8.01		ug/L		80	48 - 120
Chrysene	10.0	7.93		ug/L		79	52 - 120
Benzo[a]pyrene	10.0	7.59		ug/L		76	50 - 120
Benzo[b]fluoranthene	10.0	7.30		ug/L		73	48 - 120
Benzo[k]fluoranthene	10.0	7.20		ug/L		72	50 - 120
Benzo[g,h,i]perylene	10.0	6.33		ug/L		63	49 - 120
Indeno[1,2,3-cd]pyrene	10.0	6.30		ug/L		63	48 - 120
Fluoranthene	10.0	10.2		ug/L		102	46 - 120
Pyrene	10.0	9.55		ug/L		96	50 - 120
Dibenz(a,h)anthracene	10.0	5.84		ug/L		58	48 - 101

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*64*		*29 - 120*
Terphenyl-d14	*76*		*45 - 120*

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: LCSD 720-87336/3-A
Matrix: Water
Analysis Batch: 87384

Client Sample ID: LCSD 720-87336/3-A
Prep Type: Total/NA
Prep Batch: 87336

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene			10.0	6.90		ug/L		69	33 - 120	16	35
Acenaphthene			10.0	7.81		ug/L		78	37 - 120	20	35
Acenaphthylene			10.0	7.88		ug/L		79	36 - 120	20	35
Fluorene			10.0	7.95		ug/L		79	39 - 120	20	35
Phenanthrene			10.0	8.07		ug/L		81	44 - 120	3	35
Anthracene			10.0	9.30		ug/L		93	45 - 120	4	35
Benzo[a]anthracene			10.0	7.58		ug/L		76	48 - 120	6	35
Chrysene			10.0	7.19		ug/L		72	52 - 120	10	35
Benzo[a]pyrene			10.0	6.62		ug/L		66	50 - 120	14	35
Benzo[b]fluoranthene			10.0	6.69		ug/L		67	48 - 120	9	35
Benzo[k]fluoranthene			10.0	6.21		ug/L		62	50 - 120	15	35
Benzo[g,h,i]perylene			10.0	5.19		ug/L		52	49 - 120	20	35
Indeno[1,2,3-cd]pyrene			10.0	5.15		ug/L		51	48 - 120	20	35
Fluoranthene			10.0	9.24		ug/L		92	46 - 120	10	35
Pyrene			10.0	9.40		ug/L		94	50 - 120	2	35
Dibenz(a,h)anthracene			10.0	4.84		ug/L		48	48 - 101	19	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*29 - 120*
Terphenyl-d14	*68*		*45 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-87317/1-A
Matrix: Water
Analysis Batch: 87306

Client Sample ID: MB 720-87317/1-A
Prep Type: Silica Gel Cleanup
Prep Batch: 87317

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	43.5	J	50	24	ug/L		03/08/11 09:59	03/09/11 00:11	1
Motor Oil Range Organics [C24-C36]	80.5	J	99	37	ug/L		03/08/11 09:59	03/09/11 00:11	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.3*		*0 - 5*	*03/08/11 09:59*	*03/09/11 00:11*	*1*
p-Terphenyl	*92*		*31 - 150*	*03/08/11 09:59*	*03/09/11 00:11*	*1*

Lab Sample ID: LCS 720-87317/2-A
Matrix: Water
Analysis Batch: 87306

Client Sample ID: LCS 720-87317/2-A
Prep Type: Silica Gel Cleanup
Prep Batch: 87317

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1510		ug/L		60	32 - 119		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*105*		*31 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-87317/3-A
Matrix: Water
Analysis Batch: 87306

Client Sample ID: LCSD 720-87317/3-A
Prep Type: Silica Gel Cleanup
Prep Batch: 87317

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1430		ug/L		57	32 - 119	5	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*105*		*31 - 150*

Method: EPA 6020 - METALS

Lab Sample ID: 11C1261-BLK1
Matrix: Water
Analysis Batch: 11C1261

Client Sample ID: 11C1261-BLK1
Prep Type: total
Prep Batch: 11C1261_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0	0.30	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Arsenic	ND		1.0	0.90	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Beryllium	ND		0.50	0.10	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Cadmium	ND		1.0	0.10	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Chromium	ND		2.0	0.90	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Copper	ND		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Lead	ND		1.0	0.20	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Nickel	ND		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Selenium	ND		2.0	0.50	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Silver	ND		1.0	0.10	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Thallium	ND		1.0	0.20	ug/l		03/09/11 12:55	03/09/11 21:59	1.00
Zinc	ND		20	4.0	ug/l		03/09/11 12:55	03/09/11 21:59	1.00

Lab Sample ID: 11C1261-BS1
Matrix: Water
Analysis Batch: 11C1261

Client Sample ID: 11C1261-BS1
Prep Type: total
Prep Batch: 11C1261_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	80.0	88.6		ug/l		111	80 - 120
Arsenic	80.0	82.5		ug/l		103	80 - 120
Beryllium	80.0	85.1		ug/l		106	80 - 120
Cadmium	80.0	84.4		ug/l		105	80 - 120
Chromium	80.0	80.8		ug/l		101	80 - 120
Copper	80.0	83.6		ug/l		105	80 - 120
Lead	80.0	85.6		ug/l		107	80 - 120
Nickel	80.0	80.6		ug/l		101	80 - 120
Selenium	80.0	82.6		ug/l		103	80 - 120
Silver	80.0	87.7		ug/l		110	80 - 120
Thallium	80.0	85.3		ug/l		107	80 - 120
Zinc	80.0	80.2		ug/l		100	80 - 120

Method: EPA 7470A - METALS

Lab Sample ID: 11C1260-BLK1 — **Client Sample ID: 11C1260-BLK1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C1260 — **Prep Batch: 11C1260_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/l		03/09/11 12:51	03/10/11 10:57	1.00

Lab Sample ID: 11C1260-BS1 — **Client Sample ID: 11C1260-BS1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C1260 — **Prep Batch: 11C1260_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.00800	0.00771		mg/l		96	80 - 120

Method: 120.1 - Conductivity, Specific Conductance

Lab Sample ID: MB 720-87332/2 — **Client Sample ID: MB 720-87332/2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 87332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	ND		10	10	umhos/cm			03/08/11 12:47	1

Lab Sample ID: LCS 720-87332/3 — **Client Sample ID: LCS 720-87332/3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 87332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Specific Conductance	1000	983		umhos/cm		98	90 - 110

Lab Sample ID: LCSD 720-87332/4 — **Client Sample ID: LCSD 720-87332/4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 87332

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Specific Conductance	1000	983		umhos/cm		98	90 - 110	0	20

Method: 180.1 - Turbidity, Nephelometric

Lab Sample ID: MB 720-87282/2 — **Client Sample ID: MB 720-87282/2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 87282

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Turbidity	ND		0.10	0.10	NTU			03/07/11 19:44	1

Lab Sample ID: LCS 720-87282/3 — **Client Sample ID: LCS 720-87282/3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 87282

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Turbidity	2.00	1.76		NTU		88	80 - 120

Method: 180.1 - Turbidity, Nephelometric (Continued)

Lab Sample ID: LCSD 720-87282/4
Matrix: Water
Analysis Batch: 87282

Client Sample ID: LCSD 720-87282/4
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Turbidity			2.00	1.73		NTU		86	80 - 120	2	20

Lab Sample ID: 720-33743-2 MS
Matrix: Water
Analysis Batch: 87282

Client Sample ID: EFF-001-3-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Turbidity	2.7		2.00	4.49		NTU		90	80 - 120		

Lab Sample ID: 720-33743-2 MSD
Matrix: Water
Analysis Batch: 87282

Client Sample ID: EFF-001-3-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Turbidity	2.7		2.00	4.53		NTU		92	80 - 120	1	20

Method: 9040B - pH

Lab Sample ID: LCS 720-87262/1
Matrix: Water
Analysis Batch: 87262

Client Sample ID: LCS 720-87262/1
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
pH			7.00	6.980		SU		100	99 - 101		

Method: SM2540C - INORGANICS

Lab Sample ID: 11C1287-BLK1
Matrix: Water
Analysis Batch: 11C1287

Client Sample ID: 11C1287-BLK1
Prep Type: total
Prep Batch: 11C1287_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	1.0	mg/l		03/09/11 15:10	03/09/11 15:10	1.00

Lab Sample ID: 11C1287-BS1
Matrix: Water
Analysis Batch: 11C1287

Client Sample ID: 11C1287-BS1
Prep Type: total
Prep Batch: 11C1287_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Total Dissolved Solids			1000	972		mg/l		97	90 - 110		

Lab Sample ID: 11C1287-DUP1
Matrix: Water
Analysis Batch: 11C1287

Client Sample ID: EFF-001-3-7
Prep Type: total
Prep Batch: 11C1287_P

Analyte	Sample Result	Sample Qualifier		Duplicate Result	Duplicate Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	804			803		mg/l				0.1	10

Method: SM4500CN-E - INORGANICS

Lab Sample ID: 11C1280-BLK1 — **Client Sample ID: 11C1280-BLK1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C1280 — **Prep Batch: 11C1280_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Cyanide	ND		0.0030	0.0022	mg/l		03/09/11 14:50	03/09/11 17:15	1.00

Lab Sample ID: 11C1280-BS1 — **Client Sample ID: 11C1280-BS1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C1280 — **Prep Batch: 11C1280_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Total Cyanide	0.200	0.203		mg/l		102	90 - 110

Method: EPA 504.1 - EDB and DBCP in Water by GC/ECD (EPA 504.1)

Lab Sample ID: 11C1257-BLK1 — **Client Sample ID: 11C1257-BLK1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C1257 — **Prep Batch: 11C1257_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.020	0.0029	ug/l		03/09/11 13:30	03/09/11 17:32	1.00
1,2-Dibromo-3-chloropropane	ND		0.0098	0.0029	ug/l		03/09/11 13:30	03/09/11 17:32	1.00

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*03/09/11 13:30*	*03/09/11 17:32*	*1.00*

Lab Sample ID: 11C1257-BS1 — **Client Sample ID: 11C1257-BS1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C1257 — **Prep Batch: 11C1257_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,2-Dibromoethane (EDB)	0.245	0.235		ug/l		96	70 - 130
1,2-Dibromo-3-chloropropane	0.245	0.219		ug/l		89	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*50 - 150*

Lab Sample ID: 11C1257-BSD1 — **Client Sample ID: 11C1257-BSD1**
Matrix: Water — **Prep Type: total**
Analysis Batch: 11C1257 — **Prep Batch: 11C1257_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.0981	0.0988		ug/l		101	70 - 130	5	20
1,2-Dibromo-3-chloropropane	0.0981	0.0964		ug/l		98	70 - 130	10	20

Surrogate	*LCS Dup % Recovery*	*LCS Dup Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*50 - 150*

Method: EPA 504.1 - EDB and DBCP in Water by GC/ECD (EPA 504.1) (Continued)

Lab Sample ID: 11C1257-MS1
Matrix: Water
Analysis Batch: 11C1257

Client Sample ID: INF-001-3-7
Prep Type: total
Prep Batch: 11C1257_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	% Rec	% Rec. Limits
1,2-Dibromoethane (EDB)	ND	P	0.244	0.215		ug/l		88	65 - 135
1,2-Dibromo-3-chloropropane	ND	P	0.244	0.219		ug/l		90	65 - 135

Surrogate	*Matrix Spike % Recovery*	*Matrix Spike Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*50 - 150*

GC/MS VOA

Analysis Batch: 87295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33743-1	INF-001-3-7	Total/NA	Water	8260B	
720-33743-2 MS	EFF-001-3-7	Total/NA	Water	8260B	
720-33743-2 MSD	EFF-001-3-7	Total/NA	Water	8260B	
MB 720-87295/4	MB 720-87295/4	Total/NA	Water	8260B	
LCS 720-87295/5	LCS 720-87295/5	Total/NA	Water	8260B	
LCSD 720-87295/6	LCSD 720-87295/6	Total/NA	Water	8260B	
LCS 720-87295/7	LCS 720-87295/7	Total/NA	Water	8260B	
LCSD 720-87295/8	LCSD 720-87295/8	Total/NA	Water	8260B	
720-33743-2	EFF-001-3-7	Total/NA	Water	8260B	

Analysis Batch: 87456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33743-3	MID-001-3-7	Total/NA	Water	8260B	
MB 720-87456/4	MB 720-87456/4	Total/NA	Water	8260B	
LCS 720-87456/5	LCS 720-87456/5	Total/NA	Water	8260B	
LCSD 720-87456/6	LCSD 720-87456/6	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 87336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-87336/1-A	MB 720-87336/1-A	Total/NA	Water	3510C	
LCS 720-87336/2-A	LCS 720-87336/2-A	Total/NA	Water	3510C	
LCSD 720-87336/3-A	LCSD 720-87336/3-A	Total/NA	Water	3510C	
720-33743-1	INF-001-3-7	Total/NA	Water	3510C	
720-33743-2	EFF-001-3-7	Total/NA	Water	3510C	

Analysis Batch: 87384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33743-2	EFF-001-3-7	Total/NA	Water	8270C SIM	87336
LCS 720-87336/2-A	LCS 720-87336/2-A	Total/NA	Water	8270C SIM	87336
LCSD 720-87336/3-A	LCSD 720-87336/3-A	Total/NA	Water	8270C SIM	87336
MB 720-87336/1-A	MB 720-87336/1-A	Total/NA	Water	8270C SIM	87336
720-33743-1	INF-001-3-7	Total/NA	Water	8270C SIM	87336

GC Semi VOA

Analysis Batch: 87306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-87317/1-A	MB 720-87317/1-A	Silica Gel Cleanup	Water	8015B	87317
LCS 720-87317/2-A	LCS 720-87317/2-A	Silica Gel Cleanup	Water	8015B	87317
LCSD 720-87317/3-A	LCSD 720-87317/3-A	Silica Gel Cleanup	Water	8015B	87317

Prep Batch: 87317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-87317/1-A	MB 720-87317/1-A	Silica Gel Cleanup	Water	3510C SGC	
720-33743-1	INF-001-3-7	Silica Gel Cleanup	Water	3510C SGC	
720-33743-2	EFF-001-3-7	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-87317/2-A	LCS 720-87317/2-A	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-87317/3-A	LCSD 720-87317/3-A	Silica Gel Cleanup	Water	3510C SGC	

GC Semi VOA (Continued)

Analysis Batch: 87367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33743-1	INF-001-3-7	Silica Gel Cleanup	Water	8015B	87317
720-33743-2	EFF-001-3-7	Silica Gel Cleanup	Water	8015B	87317

Metals

Analysis Batch: 11C1260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1260-BLK1	11C1260-BLK1	total	Water	EPA 7470A	11C1260_P
11C1260-BS1	11C1260-BS1	total	Water	EPA 7470A	11C1260_P
720-33743-1	INF-001-3-7	total	Water	EPA 7470A	11C1260_P
720-33743-2	EFF-001-3-7	total	Water	EPA 7470A	11C1260_P

Prep Batch: 11C1260_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1260-BLK1	11C1260-BLK1	total	Water	EPA 245.1	
11C1260-BS1	11C1260-BS1	total	Water	EPA 245.1	
720-33743-1	INF-001-3-7	total	Water	EPA 245.1	
720-33743-2	EFF-001-3-7	total	Water	EPA 245.1	

Analysis Batch: 11C1261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1261-BLK1	11C1261-BLK1	total	Water	EPA 6020	11C1261_P
11C1261-BS1	11C1261-BS1	total	Water	EPA 6020	11C1261_P
720-33743-1	INF-001-3-7	total	Water	EPA 6020	11C1261_P
720-33743-2	EFF-001-3-7	total	Water	EPA 6020	11C1261_P

Prep Batch: 11C1261_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1261-BLK1	11C1261-BLK1	total	Water	EPA 3005A ICPMS	
11C1261-BS1	11C1261-BS1	total	Water	EPA 3005A ICPMS	
720-33743-1	INF-001-3-7	total	Water	EPA 3005A ICPMS	
720-33743-2	EFF-001-3-7	total	Water	EPA 3005A ICPMS	

General Chemistry

Analysis Batch: 87262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-87262/1	LCS 720-87262/1	Total/NA	Water	9040B	
720-33743-1	INF-001-3-7	Total/NA	Water	9040B	
720-33743-2	EFF-001-3-7	Total/NA	Water	9040B	

Analysis Batch: 87282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-87282/2	MB 720-87282/2	Total/NA	Water	180.1	
LCS 720-87282/3	LCS 720-87282/3	Total/NA	Water	180.1	
LCSD 720-87282/4	LCSD 720-87282/4	Total/NA	Water	180.1	
720-33743-2	EFF-001-3-7	Total/NA	Water	180.1	
720-33743-2 MS	EFF-001-3-7	Total/NA	Water	180.1	
720-33743-2 MSD	EFF-001-3-7	Total/NA	Water	180.1	

General Chemistry (Continued)

Analysis Batch: 87332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-87332/2	MB 720-87332/2	Total/NA	Water	120.1	
LCS 720-87332/3	LCS 720-87332/3	Total/NA	Water	120.1	
LCSD 720-87332/4	LCSD 720-87332/4	Total/NA	Water	120.1	
720-33743-2	EFF-001-3-7	Total/NA	Water	120.1	

Wet Chemistry

Analysis Batch: 11C1280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1280-BLK1	11C1280-BLK1	total	Water	SM4500CN-E	11C1280_P
11C1280-BS1	11C1280-BS1	total	Water	SM4500CN-E	11C1280_P
720-33743-1	INF-001-3-7	total	Water	SM4500CN-E	11C1280_P
720-33743-2	EFF-001-3-7	total	Water	SM4500CN-E	11C1280_P

Prep Batch: 11C1280_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1280-BLK1	11C1280-BLK1	total	Water	General Prep	
11C1280-BS1	11C1280-BS1	total	Water	General Prep	
720-33743-1	INF-001-3-7	total	Water	General Prep	
720-33743-2	EFF-001-3-7	total	Water	General Prep	

Analysis Batch: 11C1287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1287-BLK1	11C1287-BLK1	total	Water	SM2540C	11C1287_P
11C1287-BS1	11C1287-BS1	total	Water	SM2540C	11C1287_P
11C1287-DUP1	EFF-001-3-7	total	Water	SM2540C	11C1287_P
720-33743-2	EFF-001-3-7	total	Water	SM2540C	11C1287_P

Prep Batch: 11C1287_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1287-BLK1	11C1287-BLK1	total	Water	General Prep	
11C1287-BS1	11C1287-BS1	total	Water	General Prep	
11C1287-DUP1	EFF-001-3-7	total	Water	General Prep	
720-33743-2	EFF-001-3-7	total	Water	General Prep	

GC-SV Drinking Water

Analysis Batch: 11C1257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1257-BS1	11C1257-BS1	total	Water	EPA 504.1	11C1257_P
11C1257-BLK1	11C1257-BLK1	total	Water	EPA 504.1	11C1257_P
11C1257-MS1	INF-001-3-7	total	Water	EPA 504.1	11C1257_P
720-33743-1	INF-001-3-7	total	Water	EPA 504.1	11C1257_P
720-33743-2	EFF-001-3-7	total	Water	EPA 504.1	11C1257_P
11C1257-BSD1	11C1257-BSD1	total	Water	EPA 504.1	11C1257_P

Prep Batch: 11C1257_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11C1257-BS1	11C1257-BS1	total	Water	EPA 504.1	
11C1257-BLK1	11C1257-BLK1	total	Water	EPA 504.1	
11C1257-MS1	INF-001-3-7	total	Water	EPA 504.1	
720-33743-1	INF-001-3-7	total	Water	EPA 504.1	

GC-SV Drinking Water (Continued)

Prep Batch: 11C1257_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33743-2	EFF-001-3-7	total	Water	EPA 504.1	
11C1257-BSD1	11C1257-BSD1	total	Water	EPA 504.1	

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33743-1

Client Sample ID: INF-001-3-7

Lab Sample ID: 720-33743-1

Date Collected: 03/07/11 16:35

Matrix: Water

Date Received: 03/07/11 18:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	87295	03/08/11 13:06	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			87336	03/08/11 14:35	NP	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	87384	03/09/11 12:19	ML	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			87317	03/08/11 09:59	JRM	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	87367	03/09/11 14:23	DH	TestAmerica San Francisco
total	Prep	EPA 3005A ICPMS		1.0	11C1261_P	03/09/11 12:55	KP	TestAmerica Irvine
total	Analysis	EPA 6020		1.0	11C1261	03/09/11 22:39	RDC	TestAmerica Irvine
total	Prep	EPA 245.1		1.0	11C1260_P	03/09/11 12:51	SN	TestAmerica Irvine
total	Analysis	EPA 7470A		1.0	11C1260	03/10/11 11:33	DB	TestAmerica Irvine
Total/NA	Analysis	9040B		1	87262	03/07/11 20:26	EYT	TestAmerica San Francisco
total	Prep	General Prep		1.0	11C1280_P	03/09/11 14:50	HH	TestAmerica Irvine
total	Analysis	SM4500CN-E		1.0	11C1280	03/09/11 17:15	HH	TestAmerica Irvine
total	Prep	EPA 504.1		0.98	11C1257_P	03/09/11 11:30	NXH	TestAmerica Irvine
total	Analysis	EPA 504.1		1.0	11C1257	03/09/11 18:12	JHR	TestAmerica Irvine

Client Sample ID: EFF-001-3-7

Lab Sample ID: 720-33743-2

Date Collected: 03/07/11 16:20

Matrix: Water

Date Received: 03/07/11 18:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	87295	03/08/11 12:34	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			87336	03/08/11 14:35	NP	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	87384	03/09/11 12:42	ML	TestAmerica San Francisco
Silica Gel Cleanup	Prep	3510C SGC			87317	03/08/11 09:59	JRM	TestAmerica San Francisco
Silica Gel Cleanup	Analysis	8015B		1	87367	03/09/11 14:46	DH	TestAmerica San Francisco
total	Prep	EPA 3005A ICPMS		1.0	11C1261_P	03/09/11 12:55	KP	TestAmerica Irvine
total	Analysis	EPA 6020		1.0	11C1261	03/09/11 22:42	RDC	TestAmerica Irvine
total	Prep	EPA 245.1		1.0	11C1260_P	03/09/11 12:51	SN	TestAmerica Irvine
total	Analysis	EPA 7470A		1.0	11C1260	03/10/11 11:35	DB	TestAmerica Irvine
Total/NA	Analysis	9040B		1	87262	03/07/11 20:29	EYT	TestAmerica San Francisco
Total/NA	Analysis	180.1		1	87282	03/07/11 19:44	EYT	TestAmerica San Francisco
Total/NA	Analysis	120.1		1	87332	03/08/11 12:53	daf	TestAmerica San Francisco
total	Prep	General Prep		1.0	11C1280_P	03/09/11 14:50	HH	TestAmerica Irvine
total	Analysis	SM4500CN-E		1.0	11C1280	03/09/11 17:15	HH	TestAmerica Irvine
total	Analysis	SM2540C		1.0	11C1287	03/09/11 15:10	MC	TestAmerica Irvine
total	Prep	General Prep		1.0	11C1287_P	03/09/11 15:10	DC	TestAmerica Irvine
total	Prep	EPA 504.1		0.98	11C1257_P	03/09/11 11:30	NXH	TestAmerica Irvine
total	Analysis	EPA 504.1		1.0	11C1257	03/09/11 18:32	JHR	TestAmerica Irvine

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33743-1

Client Sample ID: MID-001-3-7
Date Collected: 03/07/11 16:25
Date Received: 03/07/11 18:52

Lab Sample ID: 720-33743-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	87456	03/10/11 13:02	AC	TestAmerica San Francisco

Certification Summary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33743-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12
TestAmerica Irvine		USDA		P330-09-00080	04/29/12
TestAmerica Irvine	Arizona	State Program	9	AZ0671	10/13/11
TestAmerica Irvine	California	LA Cty Sanitation Districts	9	10256	01/31/12
TestAmerica Irvine	California	NELAC	9	1108CA	01/31/12
TestAmerica Irvine	California	State Program	9	2706	06/30/12
TestAmerica Irvine	Guam	State Program	9	Cert. No. 10.001r	01/23/11
TestAmerica Irvine	Hawaii	State Program	9	N/A	01/31/12
TestAmerica Irvine	Nevada	State Program	9	CA015312007A	07/31/11
TestAmerica Irvine	New Mexico	State Program	6	N/A	01/31/11
TestAmerica Irvine	Northern Mariana Islands	State Program	9	MP0002	01/31/11

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33743-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
EPA 6020	METALS		TAL IRV
EPA 7470A	METALS		TAL IRV
120.1	Conductivity, Specific Conductance	MCAWW	TAL SF
180.1	Turbidity, Nephelometric	MCAWW	TAL SF
9040B	pH	SW846	TAL SF
SM2540C	INORGANICS		TAL IRV
SM4500CN-E	INORGANICS		TAL IRV
Methanol	General Sub Contract Method	NONE	SC0068
EPA 504.1	EDB and DBCP in Water by GC/ECD (EPA 504.1)		TAL IRV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

NONE = NONE

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

SC0068 = KIFF Analytical, 2795 Second Street, Suite 300, Davis, CA 95616

TAL IRV = TestAmerica Irvine, 17461 Derian Avenue. Suite 100, Irvine, CA 92614, TEL (949) 261-1022

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Pacific States Environmental
Project/Site: Hollis St., Emeryville

TestAmerica Job ID: 720-33743-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33743-1	INF-001-3-7	Water	03/07/11 16:35	03/07/11 18:52
720-33743-2	EFF-001-3-7	Water	03/07/11 16:20	03/07/11 18:52
720-33743-3	MID-001-3-7	Water	03/07/11 16:25	03/07/11 18:52

KIFF Analytical LLC

Report Number : 76668
Date : 03/09/2011

Laboratory Results

Dimple Sharma
TestAmerica
1220 Quarry Lane
Pleasanton, CA 94566-4756

Subject : 2 Water Samples
Project Name : Hollis St., Emeryville
Project Number : 72007403
P.O. Number : 720-33743

Dear Ms. Sharma,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC standard. All soil samples are reported on a total weight (wet weight) basis unless noted otherwise in the case narrative. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 76668
Date : 03/09/2011

Project Name : **Hollis St., Emeryville**
Project Number : **72007403**

Sample : **INF-001-3-7** Matrix : Water Lab Number : 76668-01
Sample Date :03/07/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Methanol	< 50	50	ug/L	EPA 8260B	03/09/11 02:02
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	03/09/11 02:02

Sample : **EFF-001-3-7** Matrix : Water Lab Number : 76668-02
Sample Date :03/07/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Methanol	< 50	50	ug/L	EPA 8260B	03/09/11 02:40
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	03/09/11 02:40

Report Number : 76668

Date : 03/09/2011

QC Report : Method Blank Data

Project Name : **Hollis St., Emeryville**

Project Number : **72007403**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methanol	< 50	50	ug/L	EPA 8260B	03/08/2011
Toluene - d8 (Surr)	99.4		%	EPA 8260B	03/08/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Hollis St., Emeryville**

Project Number : **72007403**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methanol														
	76661-02	<50	1000	1000	969	981	ug/L	EPA 8260B	3/8/11	97.0	98.2	1.24	53.2-147	25

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 76668

QC Report : Laboratory Control Sample (LCS)

Date : 03/09/2011

Project Name : **Hollis St., Emeryville**

Project Number : **72007403**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Methanol	1000	ug/L	EPA 8260B	3/8/11	90.3	53.2-147

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Phone (925) 484-1919 Fax (925) 600-3002

Chain of Custody Record

76668

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Sharma, Dimple (925-484-1919)	Carrier Tracking No(s):	COC No: 720-11353.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: dimple.sharma@testamericainc.com		Page: Page 1 of 1
Company: KIFF Analytical				Job #: 720-33743-1
Address: 2795 Second Street, Suite 300, ,	Due Date Requested: 3/10/2011			
City: Davis	TAT Requested (days):			
State, Zip: CA, 95616				
Phone:	PO #:			
Email:	WO #:			
Project Name: Hollis St., Emeryville	Project #: 72007403			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ Methanol	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
INF-001-3-7 (720-33743-1)	3/7/11	16:35 Pacific		Water			X	3	01
EFF-001-3-7 (720-33743-2)	3/7/11	16:20 Pacific		Water			X	3	02

RUSH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	3/8/11 0940	TASF	Received by:		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Kyle Andrykovich	Date/Time: 030811 0940	Company TASF Andrykovich

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER Initials

SRG#: 76668 Date: 030811

Project ID: Hollis St., Emeryville

Method of Receipt: ☐ Courier ☒ Over-the-counter ☐ Shipper

COC Inspection

Is COC present?	☒ Yes	☐ No	
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present ☒ N/A
Is COC Signed by Relinquisher? ☒ Yes ☐ No	Dated? ☒ Yes	☐ No	
Is sampler name legibly indicated on COC?	☐ Yes	☒ No	
Is analysis or hold requested for all samples	☒ Yes	☐ No	
Is the turnaround time indicated on COC?	☒ Yes	☐ No	
Is COC free of whiteout and uninitialed cross-outs?	☒ Yes	☐ No, Whiteout	☐ No, Cross-outs

Sample Inspection

Coolant Present: ~~☒ Yes~~ ☐ No (includes water)

Temperature °C 6.5 Therm. ID# IR-1 Initial EAF Date/Time 030811 0940 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC? ☒ Yes ☐ No ☐ No, COC lists absent sample(s)	☐ No, Extra sample(s) present			
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated? ☒ Yes, on sample containers	☐ Yes, on COC	☐ Not indicated	☐ N/A	
Are preservatives correct for analyses requested?	☒ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		

Does any sample contain product, have strong odor or are otherwise suspected to be hot? ☐ Yes ☒ No

Receipt Details

Matrix WA	Container type Jar	# of containers received 6
Matrix	Container type	# of containers received
Matrix	Container type	# of containers received

Date and Time Sample Put into Temp Storage Date: 030811 Time: 0940

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	

COMMENTS: No method given. EAF 030811 0940

Temperature exception. EAF 030811 0952

O:\old_ed\samprec\Forms\Sample Receipt Checklist rev 051409.doc

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

720-33743

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 130050

Date 3/7/11 Page 2 of 3

C.divers @ pacific states. net + bpratt

Report To

Attn: Cory Divers

Company: Pacific States Environmental

Address: 11555 Dublin Blvd

Phone: 925-803-4333 Email: see ←

Bill To: PSEC

Sampled By: K. Gretsinger

Attn: C divers

Phone: 925-803-4333

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	TPH EPA - ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	TEPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☒ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	335.2 CYANIDE	PRIS Metals EPA 6020			Number of Containers
INF-001-3-7	3/7/11	4:35	H2O	HCL		X																			2
EFF-001-3-7	3/7/11	4:20	H2O	HCL		X																			2
INF-001-3-7	3/7/11	4:35	H2O	NaOH																		X			1
EFF-001-3-7	3/7/11	4:20	H2O	NaOH																		X			1
INF-001-3-7	3/7/11	4:35	H2O	HNO3																			X		1
EFF-001-3-7	3/7/11	4:20	H2O	HNO3																			X		1
INF-001-3-7	3/7/11	4:35	H2O	HCL					X																3
3 MID-001-3-7	3/7/11	4:25	H2O	HCL					X																3
EFF-001-3-7	3/7/11	4:20	H2O	HCL					X																3

RUSH

Project Info

Project Name: Hollis St Emeryville, CA

Project#: 611102

PO#: ↑

Credit Card#: —

Sample Receipt

of Containers:

Head Space:

Temp: 2.1 / 2.9 °C

Conforms to record:

TAT: 5 Day | (3 Day) | 2 Day | 1 Day | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF

Special Instructions / Comments: ☐ Global ID _____

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 6:52	Signature: Time:	Signature: Time:
Printed Name: Kris Gretsinger Date: 3/7/11	Printed Name: Date:	Printed Name: Date:
Company: Pacific States Environmental	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 1852	Signature: Time:	Signature: Time:
Printed Name: [signature] Date: 3/7/11	Printed Name: Date:	Printed Name: Date:
Company: TASF	Company:	Company:

See Terms and Conditions on reverse

*TestAmerica SF reports 8015M from C_5-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

Rev09/09

03/10/2011

720-33743

Reference #: 130050

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1919 • Fax: (925) 600-3002

Date 3/7/11 Page 1 of 3

Cdivers@Pacific states.Net

bROAT@EARTHLINK.COM

03/10/2011

Report To

Attn: Cory Divers

Company: Pacific States Environmental

Address: 11555 Dublin Blvd,

Phone: 925-803-4333 Email: SEE ←

Bill To: PSEC

Sampled By: Kris Gretsinger

Attn: Cory Divers

Phone: 925-803-4333

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	TPH EPA - ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PAH by ☐ 8270 ~~☐ 8310~~ PAH	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ~~☐~~ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	Methane, Turbidity, TDS, Electrical conductivity	EDB (EPA 504)			Number of Containers
1 INF-001-3-7	3/7/11	4:35	H2O	HCL																	X				2
2 EFF-001-3-7	3/7/11	4:20	H2O	HCL																	X				2
INF-001-3-7	3/7/11	4:35	H2O	∅													X								1
EFF-001-3-7	3/7/11	4:20	H2O	∅													X								1
EFF-001-3-7	3/7/11	4:20	H2O	∅																		X			1
INF-001-3-7	3/7/11	4:35	H2O	HCL																			X		3
EFF-001-3-7	3/7/11	4:20	H2O	HCL																			X		3
INF-001-3-7	3/7/11	4:35	H2O	∅									X												2
EFF-001-3-7	3/7/11	4:20	H2O	∅									X												2

RUSH

Project Info

Project Name: Holli's St Emeryville, CA

Project#: 611102

PO#: ↑

Credit Card#: —

Sample Receipt

of Containers:

Head Space:

Temp 2.1 / 2.9 °C

Conforms to record:

TAT: 5 Day | ③ Day | 2 Day | 1 Day | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank

Fund EDF

Special Instructions / Comments: ☐ Global ID ___

EMAIL Results to: Cory Divers

Bob Roat

Cdivers@Pacific states.Net

bROAT@EARTHLINK.COM

See Terms and Conditions on reverse

*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 652	Signature: Time:	Signature: Time:
Printed Name: Kris Gretsinger Date: 3/7/11	Printed Name: Date:	Printed Name: Date:
Company: Pacific States Environmental	Company:	Company:
1) Received by:	**2) Received by:**	**3) Received by:**
Signature: [signature] Time: 1852	Signature: Time:	Signature: Time:
Printed Name: [signature] Date: 3/7/11	Printed Name: Date:	Printed Name: Date:
Company: TASF	Company:	Company:

Rev09/09

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

720-33748

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 130050

33743

Date 3/7/11 Page 3 of 3

03/10/2011

Report To

Attn:
Company: SCS PG 1
Address:
Phone: Email:
Bill To: Sampled By:
Attn: Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	TPH EPA 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other	EPA 8260B: ☐ Gas ☐ BTEX ☐ Oxygenates ☐ DCA, EDB, Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	Low level Mercury EPA 1631				Number of Containers
INF-001-3-7	3/7/11	4:20	H2O	HCL	X		X																		3
EFF-001-3-7	3/7/11	4:35	H2O	HCL	X		X																		3
TRIP Blank	3/7/11	—	H2O	HCL																			Hold		2
INF-001-3-7	3/7/11	4:35	H2O																		X				4
EFF-001-3-7	3/7/11	4:20	H2O																		X				4

RUSH

Project Info

Project Name: Hollis St Emeryville, Ca
Project#: 611102
PO#:
Credit Card#: —

Sample Receipt

of Containers:
Head Space:
Temp: 2.1 / 2.9 °C
Conforms to record:

TAT: 5 Day | (3) Day | 2 Day | 1 Day | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank
Fund EDF
Special Instructions / Comments: ☐ Global ID _____

See Terms and Conditions on reverse
*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature 6:52 Time	Signature Time	Signature Time
Kris Gretsinger 3/7/11 Printed Name Date	Printed Name Date	Printed Name Date
Pacific-Stokes Environmental Company	Company	Company

1) Received by:	2) Received by:	3) Received by:
Signature 1852 Time	Signature Time	Signature Time
Printed Name 3/7/11 Date	Printed Name Date	Printed Name Date
TDSF Company	Company	Company

Rev09/09

Login Sample Receipt Checklist

Client: Pacific States Environmental

Job Number: 720-33743-1

Login Number: 33743

List Source: TestAmerica San Francisco

List Number: 1

Creator: Hoang, Julie

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/13/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/26/11

WorkOrder: 1104217

April 26, 2011

Dear Peter:

Enclosed within are:

1) The results of the **8** analyzed samples from your project: **#730482302; 5812 Hollis St,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104217

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St. - Alders Property
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Milano
Recorder (Signature Required):

Turnaround Time: Normal

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g-d	SVOCs	Lead	Silica gel clean-up	Hold	Remarks
P10-1	4-5-11	0935		X						X		X	X	X	X		
P10-2	4-5-11	0945		X						X		X	X	X	X		
P10-3	4-5-11	0950		X						X		X	X	X	X		
P10-4	4-5-11	1020		X						X		X	X	X	X		
P10-5	4-5-11	1025		X						X		X	X	X	X		
P10-6	4-5-11	1035		X						X		X	X	X	X		
P10-7	4-5-11	1045		X						X		X	X	X	X		
P10-15	4-6-11	1140															

ICE/t° 10.4
GOOD CONDITION ___ APPROPRIATE
HEAD SPACE ABSENT ___ CONTAINERS ___
DECHLORINATED IN LAB ___ PRESERVED IN LAB ___
PRESERVATION ___ VOAS | O & G | METALS | OTHER

Relinquished by: (Signature)	Date 4-7-11	Time 1420	Received by: (Signature)	Date 4/7/11	Time 1920
Relinquished by: (Signature)	Date 4/7/11	Time 1745	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/7/11	Time 1745

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: [X] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 005237

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104217 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 5 days

Date Received: **04/07/2011**
Date Printed: **04/08/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104217-001	P10-1	Soil	4/5/2011 9:35	☐	A	A	A									
1104217-002	P10-2	Soil	4/5/2011 9:45	☐	A	A	A									
1104217-003	P10-3	Soil	4/5/2011 9:50	☐	A	A	A									
1104217-004	P10-4	Soil	4/5/2011 10:20	☐	A	A	A									
1104217-005	P10-5	Soil	4/5/2011 10:25	☐	A	A	A									
1104217-006	P10-6	Soil	4/5/2011 10:35	☐	A	A	A									
1104217-007	P10-7	Soil	4/5/2011 10:45	☐	A	A	A									
1104217-008	P10-15	Soil	4/5/2011 11:40	☐	A	A	A									

Test Legend:

1	8270D_S	2	PB_S	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A contain testgroup.

Prepared by: Ana Venegas

Comments: SEND HARD COPY

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **4/7/2011 7:25:54 PM**
Project Name: **#730482302; 5812 Hollis St**
Checklist completed and reviewed by: Ana Venegas
WorkOrder N°: **1104217** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 10.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-001A
Client ID	P10-1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	102	%SS2:	102
%SS3:	99	%SS4:	83
%SS5:	79	%SS6:	86

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-002A
Client ID	P10-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	103	%SS2:	104
%SS3:	100	%SS4:	86
%SS5:	84	%SS6:	89

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-003A
Client ID	P10-3
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	100	%SS2:	101
%SS3:	97	%SS4:	84
%SS5:	75	%SS6:	85

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-004A
Client ID	P10-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	100	%SS2:	100
%SS3:	98	%SS4:	83
%SS5:	76	%SS6:	86

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-005A
Client ID	P10-5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	103	%SS2:	102
%SS3:	100	%SS4:	86
%SS5:	75	%SS6:	87

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-006A
Client ID	P10-6
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	102	%SS2:	100
%SS3:	99	%SS4:	85
%SS5:	74	%SS6:	87

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-007A
Client ID	P10-7
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	105	%SS2:	103
%SS3:	102	%SS4:	86
%SS5:	75	%SS6:	88

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104217

Lab ID	1104217-008A
Client ID	P10-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	103	%SS2:	96
%SS3:	104	%SS4:	83
%SS5:	68	%SS6:	84

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/08/11-04/12/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104217

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	P10-1	S	ND	1	74	
002A	P10-2	S	ND	1	82	
003A	P10-3	S	ND	1	86	
004A	P10-4	S	ND	1	88	
005A	P10-5	S	ND	1	70	
006A	P10-6	S	ND	1	78	
007A	P10-7	S	ND	1	83	
008A	P10-15	S	3.8	1	79	d7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/08/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104217

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104217-001A	P10-1	S	TOTAL	9.5	1	97	
1104217-002A	P10-2	S	TOTAL	ND	1	96	
1104217-003A	P10-3	S	TOTAL	7.1	1	92	
1104217-004A	P10-4	S	TOTAL	ND	1	98	
1104217-005A	P10-5	S	TOTAL	ND	1	95	
1104217-006A	P10-6	S	TOTAL	8.0	1	92	
1104217-007A	P10-7	S	TOTAL	6.0	1	94	
1104217-008A	P10-15	S	TOTAL	6.3	1	89	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/08/11-04/12/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104217

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104217-001A	P10-1	S	ND	ND	1	104	
1104217-002A	P10-2	S	ND	ND	1	92	
1104217-003A	P10-3	S	ND	ND	1	104	
1104217-004A	P10-4	S	ND	ND	1	107	
1104217-005A	P10-5	S	ND	ND	1	107	
1104217-006A	P10-6	S	ND	ND	1	108	
1104217-007A	P10-7	S	ND	ND	1	108	
1104217-008A	P10-15	S	370	160	1	107	e3,e7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e3) aged diesel is significant
e7) oil range compounds are significant

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57506 | WorkOrder 1104217

EPA Method SW8270C | **Extraction SW3550B** | **Spiked Sample ID: 1104143-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	61.2	64.9	5.81	64.8	65.1	0.431	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	59.8	63.7	6.32	72	70.3	2.34	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	60.8	57.1	6.31	61.7	62.9	1.97	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	66.4	70.3	5.76	68.3	67.9	0.543	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	61.2	68.1	10.7	74.3	72.5	2.44	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	89.2	89.6	0.492	72.1	67.9	5.98	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	59.8	53.4	11.4	55.6	54.8	1.47	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	54	53.9	0.297	46.6	45.6	2.30	30 - 130	30	30 - 130	30
Phenol	ND	4	61.4	59.8	2.65	63.3	62	2.02	30 - 130	30	30 - 130	30
Pyrene	ND	2	49.7	50.2	1.00	62.5	54.6	13.6	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	74.7	73.9	1.02	79.3	77.3	2.53	30 - 130	30	30 - 130	30
%SS1:	81	200	76	73	4.02	84	83	1.80	30 - 130	30	30 - 130	30
%SS2:	77	200	72	73	0.730	89	87	1.85	30 - 130	30	30 - 130	30
%SS3:	82	200	83	79	4.30	96	94	2.41	30 - 130	30	30 - 130	30
%SS4:	80	200	80	80	0	88	89	0.587	30 - 130	30	30 - 130	30
%SS5:	67	200	71	66	6.85	98	95	3.22	30 - 130	30	30 - 130	30
%SS6:	74	200	74	78	5.72	104	94	9.34	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57506 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104217-001A	04/05/11 9:35 AM	04/07/11	04/09/11 9:09 AM	1104217-002A	04/05/11 9:45 AM	04/07/11	04/09/11 10:33 AM
1104217-003A	04/05/11 9:50 AM	04/07/11	04/09/11 11:57 AM	1104217-004A	04/05/11 10:20 AM	04/07/11	04/09/11 1:25 PM
1104217-005A	04/05/11 10:25 AM	04/07/11	04/09/11 2:52 PM	1104217-006A	04/05/11 10:35 AM	04/07/11	04/09/11 4:22 PM
1104217-007A	04/05/11 10:45 AM	04/07/11	04/09/11 5:46 PM	1104217-008A	04/05/11 11:40 AM	04/07/11	04/09/11 7:06 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57512 WorkOrder 1104217

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104154-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	2.5	40	119	118	1.02	115	113	2.17	70 - 130	30	70 - 130	30
%SS:	106	25	108	107	0.632	95	93	2.07	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57512 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104217-001A	04/05/11 9:35 AM	04/07/11	04/11/11 8:00 PM	1104217-002A	04/05/11 9:45 AM	04/07/11	04/12/11 6:01 AM
1104217-003A	04/05/11 9:50 AM	04/07/11	04/11/11 6:51 PM	1104217-004A	04/05/11 10:20 AM	04/07/11	04/09/11 2:00 PM
1104217-005A	04/05/11 10:25 AM	04/07/11	04/08/11 4:08 PM	1104217-006A	04/05/11 10:35 AM	04/07/11	04/08/11 7:43 AM
1104217-007A	04/05/11 10:45 AM	04/07/11	04/08/11 7:45 PM	1104217-008A	04/05/11 11:40 AM	04/07/11	04/08/11 5:28 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57513 WorkOrder 1104217

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104152-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	124	125	0.352	128	124	2.79	70 - 130	20	70 - 130	20
MTBE	ND	0.10	101	109	7.37	108	112	3.44	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.5	90.4	1.03	91.1	93.6	2.67	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.1	88.8	0.737	88.7	91.8	3.39	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.5	90.6	1.24	90.8	94.3	3.81	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.5	90.9	1.51	90.6	93.9	3.57	70 - 130	20	70 - 130	20
%SS:	83	0.10	78	82	4.96	76	87	12.8	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57513 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104217-001A	04/05/11 9:35 AM	04/07/11	04/12/11 1:47 AM	1104217-002A	04/05/11 9:45 AM	04/07/11	04/08/11 6:34 PM
1104217-003A	04/05/11 9:50 AM	04/07/11	04/08/11 7:04 PM	1104217-004A	04/05/11 10:20 AM	04/07/11	04/08/11 7:34 PM
1104217-005A	04/05/11 10:25 AM	04/07/11	04/12/11 2:46 AM	1104217-006A	04/05/11 10:35 AM	04/07/11	04/12/11 2:16 AM
1104217-007A	04/05/11 10:45 AM	04/07/11	04/08/11 9:04 PM	1104217-008A	04/05/11 11:40 AM	04/07/11	04/09/11 6:54 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104217

EPA Method SW6010B	Extraction SW3050B	BatchID: 57460	Spiked Sample ID: 1104093-003A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	15	50	96.9	104	5.61	10	101	95.6	5.17	75 - 125	25	75 - 125	25
%SS:	98	500	98	95	2.64	500	103	100	3.84	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57460 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104217-001A	04/05/11 9:35 AM	04/07/11	04/08/11 2:49 PM	1104217-002A	04/05/11 9:45 AM	04/07/11	04/08/11 2:51 PM
1104217-003A	04/05/11 9:50 AM	04/07/11	04/08/11 2:53 PM	1104217-004A	04/05/11 10:20 AM	04/07/11	04/08/11 2:56 PM
1104217-005A	04/05/11 10:25 AM	04/07/11	04/08/11 3:02 PM	1104217-006A	04/05/11 10:35 AM	04/07/11	04/08/11 3:05 PM
1104217-007A	04/05/11 10:45 AM	04/07/11	04/08/11 3:07 PM	1104217-008A	04/05/11 11:40 AM	04/07/11	04/08/11 3:09 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/14/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/26/11

WorkOrder: 1104220

April 26, 2011

Dear Peter:

Enclosed within are:

1) The results of the **15** analyzed samples from your project: **#730482302; 5812 Hollis St,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

11/04220

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St. - Alder Property
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Mylene
Recorder (Signature Required):

Turnaround Time: Normal

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g/d	SVOCs	Lead	Silica gel clean-up	Hold	Remarks
P5-1	4-5-11	0930		X						X		X	X	X	X		
P5-2	4-4-11	1321		X						X		X	X	X	X		
P5-3	4-4-11	1324		X						X		X	X	X	X		
P5-4	4-4-11	1330		X						X		X	X	X	X		
P5-5	4-4-11	1335		X						X		X	X	X	X		
P5-6	4-5-11	1030		X						X		X	X	X	X		
P5-7	4-5-11	1040		X						X		X	X	X	X		
P5-8	4-5-11	1050		X						X		X	X	X	X		
P5-9	4-5-11	0925		X						X		X	X	X	X		
P5-10	4-5-11	0920		X						X		X	X	X	X		
P5-11	4-5-11	0915		X						X		X	X	X	X		
P5-12	4-5-11	0910		X						X		X	X	X	X		
P5-13	4-5-11	0905		X						X		X	X	X	X		
P5-14	4-4-11	1346		X						X		X	X	X	X		

Relinquished by: (Signature)	Date 4-7-11	Time 1420	Received by: (Signature)	Date 4/7/11	Time 1420
Relinquished by: (Signature)	Date 4/7/11	Time 1745	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/7/11	Time 1745

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

Field 6.0

COC Number: 005236

GOOD CONDITION ____ APPROPRIATE
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O & G	METALS	OTHER

Treadwell&Rollo
Environmental and Geotechnical Consultant

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☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St. - Alders Property
Job Number: 7Z0482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Milano
Recorder (Signature Required):

Turnaround Time: Normal

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g/BTEX	SVOCs	Lead	Silica gel clean-up	Hold	Remarks
P5-15	4-5-11	0940		X						X		X	X	X	X		

Relinquished by: (Signature)	Date 4-7-11	Time 1420	Received by: (Signature)	Date 4/7/11 Time 1420
Relinquished by: (Signature)	Date 4/7/11	Time 1745	Received by: (Signature)	Date Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/7/11 Time 1420

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 005238

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104220 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 5 days

Date Received: **04/07/2011**
Date Printed: **04/08/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1104220-001	P5-1	Soil	4/5/2011 9:30	☐	A	A	A									
1104220-002	P5-2	Soil	4/5/2011 13:21	☐	A	A	A									
1104220-003	P5-3	Soil	4/5/2011 13:24	☐	A	A	A									
1104220-004	P5-4	Soil	4/5/2011 13:30	☐	A	A	A									
1104220-005	P5-5	Soil	4/5/2011 13:35	☐	A	A	A									
1104220-006	P5-6	Soil	4/5/2011 10:30	☐	A	A	A									
1104220-007	P5-7	Soil	4/5/2011 10:40	☐	A	A	A									
1104220-008	P5-8	Soil	4/5/2011 10:50	☐	A	A	A									
1104220-009	P5-9	Soil	4/5/2011 9:25	☐	A	A	A									
1104220-010	P5-10	Soil	4/5/2011 9:20	☐	A	A	A									
1104220-011	P5-11	Soil	4/5/2011 9:15	☐	A	A	A									
1104220-012	P5-12	Soil	4/5/2011 9:10	☐	A	A	A									
1104220-013	P5-13	Soil	4/5/2011 9:05	☐	A	A	A									
1104220-014	P5-14	Soil	4/5/2011 13:46	☐	A	A	A									

Test Legend:

1	8270D_S	2	PB_S	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A contain testgroup.

Prepared by: Ana Venegas

Comments: SEND HARD COPY

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104220 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
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Treadwell & Rollo
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(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St

Bill to:
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555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 5 days

Date Received: **04/07/2011**
Date Printed: **04/08/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1104220-015	P5-15	Soil	4/5/2011 9:40	☐	A	A	A									

Test Legend:

1	8270D_S	2	PB_S	3	TPH(D)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A, 011A, 012A, 013A, 014A, 015A contain testgroup.

Prepared by: Ana Venegas

Comments: SEND HARD COPY

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **4/7/2011 7:38:08 PM**

Project Name: **#730482302; 5812 Hollis St**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **1104220** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-001A
Client ID	P5-1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	115	%SS2:	100
%SS3:	104	%SS4:	78
%SS5:	75	%SS6:	79

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-002A
Client ID	P5-2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	113	%SS2:	97
%SS3:	104	%SS4:	80
%SS5:	83	%SS6:	81

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/11/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-003A
Client ID	P5-3
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	92	%SS2:	87
%SS3:	89	%SS4:	94
%SS5:	76	%SS6:	83

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/11/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-004A
Client ID	P5-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	88
%SS3:	90	%SS4:	96
%SS5:	82	%SS6:	86

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-005A
Client ID	P5-5
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	92	%SS2:	84
%SS3:	88	%SS4:	93
%SS5:	77	%SS6:	82

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-006A
Client ID	P5-6
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	93	%SS2:	85
%SS3:	87	%SS4:	95
%SS5:	82	%SS6:	84

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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a3) sample diluted due to high organic content.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-007A
Client ID	P5-7
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	85
%SS3:	86	%SS4:	96
%SS5:	75	%SS6:	84

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-008A
Client ID	P5-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	96	%SS2:	85
%SS3:	88	%SS4:	98
%SS5:	76	%SS6:	86

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

McCampbell Analytical, Inc.
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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-009A
Client ID	P5-9
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	93	%SS2:	84
%SS3:	85	%SS4:	96
%SS5:	75	%SS6:	83

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/09/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-010A
Client ID	P5-10
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	0.42	1.0	0.33	Benzo(b)fluoranthene	0.60	1.0	0.33
Benzo(k)fluoranthene	0.49	1.0	0.33	Benzo(g,h,i)perylene	1.2	1.0	0.33
Benzo(a)pyrene	0.79	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	0.51	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	1.1	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	0.68	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	0.48	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	1.9	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	97	%SS2:	100
%SS3:	112	%SS4:	89
%SS5:	122	%SS6:	92

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-011A
Client ID	P5-11
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<16	50	0.33	Acenaphthylene	ND<16	50	0.33
Acetochlor	ND<16	50	0.33	Anthracene	ND<16	50	0.33
Benzidine	ND<80	50	1.6	Benzoic Acid	ND<80	50	1.6
Benzo(a)anthracene	ND<16	50	0.33	Benzo(b)fluoranthene	ND<16	50	0.33
Benzo(k)fluoranthene	ND<16	50	0.33	Benzo(g,h,i)perylene	ND<16	50	0.33
Benzo(a)pyrene	ND<16	50	0.33	Benzyl Alcohol	ND<80	50	1.6
1,1-Biphenyl	ND<16	50	0.33	Bis (2-chloroethoxy) Methane	ND<16	50	0.33
Bis (2-chloroethyl) Ether	ND<16	50	0.33	Bis (2-chloroisopropyl) Ether	ND<16	50	0.33
Bis (2-ethylhexyl) Phthalate	ND<16	50	0.33	4-Bromophenyl Phenyl Ether	ND<16	50	0.33
Butylbenzyl Phthalate	ND<16	50	0.33	4-Chloroaniline	ND<33	50	0.66
4-Chloro-3-methylphenol	ND<16	50	0.33	2-Chloronaphthalene	ND<16	50	0.33
2-Chlorophenol	ND<16	50	0.33	4-Chlorophenyl Phenyl Ether	ND<16	50	0.33
Chrysene	ND<16	50	0.33	Dibenzo(a,h)anthracene	ND<16	50	0.33
Dibenzofuran	ND<16	50	0.33	Di-n-butyl Phthalate	ND<16	50	0.33
1,2-Dichlorobenzene	ND<16	50	0.33	1,3-Dichlorobenzene	ND<16	50	0.33
1,4-Dichlorobenzene	ND<16	50	0.33	3,3-Dichlorobenzidine	ND<33	50	0.66
2,4-Dichlorophenol	ND<16	50	0.33	Diethyl Phthalate	ND<16	50	0.33
2,4-Dimethylphenol	ND<16	50	0.33	Dimethyl Phthalate	ND<16	50	0.33
4,6-Dinitro-2-methylphenol	ND<80	50	1.6	2,4-Dinitrophenol	ND<80	50	1.6
2,4-Dinitrotoluene	ND<16	50	0.33	2,6-Dinitrotoluene	ND<16	50	0.33
Di-n-octyl Phthalate	ND<16	50	0.33	1,2-Diphenylhydrazine	ND<16	50	0.33
Fluoranthene	ND<16	50	0.33	Fluorene	ND<16	50	0.33
Hexachlorobenzene	ND<16	50	0.33	Hexachlorobutadiene	ND<16	50	0.33
Hexachlorocyclopentadiene	ND<80	50	1.6	Hexachloroethane	ND<16	50	0.33
Indeno (1,2,3-cd) pyrene	ND<16	50	0.33	Isophorone	ND<16	50	0.33
2-Methylnaphthalene	ND<16	50	0.33	2-Methylphenol (o-Cresol)	ND<16	50	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<16	50	0.33	Naphthalene	ND<16	50	0.33
2-Nitroaniline	ND<80	50	1.6	3-Nitroaniline	ND<80	50	1.6
4-Nitroaniline	ND<80	50	1.6	Nitrobenzene	ND<16	50	0.33
2-Nitrophenol	ND<80	50	1.6	4-Nitrophenol	ND<80	50	1.6
N-Nitrosodiphenylamine	ND<16	50	0.33	N-Nitrosodi-n-propylamine	ND<16	50	0.33
Pentachlorophenol	ND<80	50	1.6	Phenanthrene	ND<16	50	0.33
Phenol	ND<16	50	0.33	Pyrene	ND<16	50	0.33
1,2,4-Trichlorobenzene	ND<16	50	0.33	2,4,5-Trichlorophenol	ND<16	50	0.33
2,4,6-Trichlorophenol	ND<16	50	0.33				

Surrogate Recoveries (%)

%SS1:	59	%SS2:	---#
%SS3:	56	%SS4:	92
%SS5:	---#	%SS6:	70

Comments: a3

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-012A
Client ID	P5-12
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	84
%SS3:	85	%SS4:	96
%SS5:	81	%SS6:	84

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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a3) sample diluted due to high organic content.

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Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-013A
Client ID	P5-13
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	97	%SS2:	97
%SS3:	99	%SS4:	88
%SS5:	102	%SS6:	91

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/05/11
		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-014A
Client ID	P5-14
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	96	%SS2:	84
%SS3:	89	%SS4:	95
%SS5:	81	%SS6:	85

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/12/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104220

Lab ID	1104220-015A
Client ID	P5-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	80
%SS3:	86	%SS4:	96
%SS5:	78	%SS6:	82

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

a3) sample diluted due to high organic content.

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		Date Received: 04/07/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/08/11-04/12/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104220

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	P5-1	S	ND	1	84	
002A	P5-2	S	ND	1	85	
003A	P5-3	S	ND	1	78	
004A	P5-4	S	ND	1	80	
005A	P5-5	S	ND	1	87	
006A	P5-6	S	ND	1	95	
007A	P5-7	S	ND	1	94	
008A	P5-8	S	ND	1	93	
009A	P5-9	S	ND	1	81	
010A	P5-10	S	ND	1	102	
011A	P5-11	S	580	20	96	d7,d9
012A	P5-12	S	ND	1	86	
013A	P5-13	S	ND	1	80	
014A	P5-14	S	ND	1	87	
015A	P5-15	S	ND	1	86	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

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San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/08/11-04/11/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104220

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104220-001A	P5-1	S	TOTAL	7.8	1	105	
1104220-002A	P5-2	S	TOTAL	8.6	1	106	
1104220-003A	P5-3	S	TOTAL	ND	1	94	
1104220-004A	P5-4	S	TOTAL	7.8	1	91	
1104220-005A	P5-5	S	TOTAL	8.9	1	104	
1104220-006A	P5-6	S	TOTAL	10	1	106	
1104220-007A	P5-7	S	TOTAL	5.1	1	102	
1104220-008A	P5-8	S	TOTAL	14	1	100	
1104220-009A	P5-9	S	TOTAL	8.6	1	102	
1104220-010A	P5-10	S	TOTAL	15	1	103	
1104220-011A	P5-11	S	TOTAL	7.5	1	99	
1104220-012A	P5-12	S	TOTAL	8.3	1	100	
1104220-013A	P5-13	S	TOTAL	6.4	1	94	
1104220-014A	P5-14	S	TOTAL	6.2	1	99	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/08/11-04/11/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104220

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104220-015A	P5-15	S	TOTAL	8.4	1	106	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/07/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/08/11-04/14/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104220

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104220-001A	P5-1	S	ND	ND	1	103	
1104220-002A	P5-2	S	ND	ND	1	106	
1104220-003A	P5-3	S	ND	ND	1	104	
1104220-004A	P5-4	S	ND	ND	1	112	
1104220-005A	P5-5	S	ND	ND	1	105	
1104220-006A	P5-6	S	ND	ND	1	104	
1104220-007A	P5-7	S	ND	ND	1	118	
1104220-008A	P5-8	S	1.6	6.9	1	106	e7,e2
1104220-009A	P5-9	S	6.5	14	1	105	e7,e2
1104220-010A	P5-10	S	8.9	11	1	107	e7,e2
1104220-011A	P5-11	S	13,000	5500	100	104	e1
1104220-012A	P5-12	S	4.0	ND	1	105	e1
1104220-013A	P5-13	S	2.4	ND	1	104	e2
1104220-014A	P5-14	S	ND	ND	1	106	
1104220-015A	P5-15	S	ND	ND	1	106	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57506 | WorkOrder 1104220

EPA Method SW8270C | **Extraction SW3550B** | **Spiked Sample ID: 1104143-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	61.2	64.9	5.81	64.8	65.1	0.431	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	59.8	63.7	6.32	72	70.3	2.34	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	60.8	57.1	6.31	61.7	62.9	1.97	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	66.4	70.3	5.76	68.3	67.9	0.543	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	61.2	68.1	10.7	74.3	72.5	2.44	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	89.2	89.6	0.492	72.1	67.9	5.98	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	59.8	53.4	11.4	55.6	54.8	1.47	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	54	53.9	0.297	46.6	45.6	2.30	30 - 130	30	30 - 130	30
Phenol	ND	4	61.4	59.8	2.65	63.3	62	2.02	30 - 130	30	30 - 130	30
Pyrene	ND	2	49.7	50.2	1.00	62.5	54.6	13.6	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	74.7	73.9	1.02	79.3	77.3	2.53	30 - 130	30	30 - 130	30
%SS1:	81	200	76	73	4.02	84	83	1.80	30 - 130	30	30 - 130	30
%SS2:	77	200	72	73	0.730	89	87	1.85	30 - 130	30	30 - 130	30
%SS3:	82	200	83	79	4.30	96	94	2.41	30 - 130	30	30 - 130	30
%SS4:	80	200	80	80	0	88	89	0.587	30 - 130	30	30 - 130	30
%SS5:	67	200	71	66	6.85	98	95	3.22	30 - 130	30	30 - 130	30
%SS6:	74	200	74	78	5.72	104	94	9.34	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57506 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-001A	04/05/11 9:30 AM	04/07/11	04/12/11 12:41 PM	1104220-002A	04/05/11 1:21 PM	04/07/11	04/12/11 2:04 PM
1104220-003A	04/05/11 1:24 PM	04/07/11	04/11/11 10:05 PM	1104220-004A	04/05/11 1:30 PM	04/07/11	04/11/11 11:22 PM
1104220-005A	04/05/11 1:35 PM	04/07/11	04/12/11 12:38 AM	1104220-006A	04/05/11 10:30 AM	04/07/11	04/12/11 1:54 AM
1104220-007A	04/05/11 10:40 AM	04/07/11	04/12/11 3:09 AM	1104220-008A	04/05/11 10:50 AM	04/07/11	04/12/11 4:24 AM
1104220-009A	04/05/11 9:25 AM	04/07/11	04/12/11 5:38 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57564 | WorkOrder 1104220

EPA Method SW8270C | **Extraction SW3550B** | **Spiked Sample ID: 1104220-013A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	73.6	75.7	2.83	75.6	75.2	0.451	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	85.9	88.3	2.82	75.2	79.2	5.27	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	73.5	75.3	2.39	73.8	75.2	1.87	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	75.2	77.7	3.22	76.4	78.7	3.03	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	79.8	82	2.68	77.4	81.6	5.29	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	87.5	87.8	0.371	71.3	71.1	0.309	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	88.1	92.8	5.17	85.3	88.3	3.43	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	60.6	63.2	4.26	32.5	30.5	6.30	30 - 130	30	30 - 130	30
Phenol	ND	4	70.4	72.8	3.28	67.8	69.4	2.27	30 - 130	30	30 - 130	30
Pyrene	ND	2	75.2	77.2	2.63	72.3	77.7	7.24	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	85.8	88	2.57	79.8	87.9	9.71	30 - 130	30	30 - 130	30
%SS1:	97	200	93	95	2.04	92	93	1.86	30 - 130	30	30 - 130	30
%SS2:	97	200	95	95	0	93	95	2.70	30 - 130	30	30 - 130	30
%SS3:	99	200	101	103	1.63	98	104	6.67	30 - 130	30	30 - 130	30
%SS4:	88	200	88	90	2.77	97	91	6.36	30 - 130	30	30 - 130	30
%SS5:	102	200	96	101	5.66	82	89	7.50	30 - 130	30	30 - 130	30
%SS6:	91	200	90	91	1.75	88	93	6.07	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57564 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-010A	04/05/11 9:20 AM	04/07/11	04/09/11 3:54 AM	1104220-011A	04/05/11 9:15 AM	04/07/11	04/12/11 7:39 PM
1104220-012A	04/05/11 9:10 AM	04/07/11	04/12/11 6:52 AM	1104220-013A	04/05/11 9:05 AM	04/07/11	04/09/11 12:25 PM
1104220-014A	04/05/11 1:46 PM	04/07/11	04/12/11 8:07 AM	1104220-015A	04/05/11 9:40 AM	04/07/11	04/12/11 9:23 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57513 WorkOrder 1104220

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104152-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	124	125	0.352	128	124	2.79	70 - 130	20	70 - 130	20
MTBE	ND	0.10	101	109	7.37	108	112	3.44	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.5	90.4	1.03	91.1	93.6	2.67	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.1	88.8	0.737	88.7	91.8	3.39	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.5	90.6	1.24	90.8	94.3	3.81	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.5	90.9	1.51	90.6	93.9	3.57	70 - 130	20	70 - 130	20
%SS:	83	0.10	78	82	4.96	76	87	12.8	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57513 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-001A	04/05/11 9:30 AM	04/07/11	04/09/11 2:30 AM	1104220-002A	04/05/11 1:21 PM	04/07/11	04/09/11 2:59 AM
1104220-003A	04/05/11 1:24 PM	04/07/11	04/09/11 4:27 AM	1104220-004A	04/05/11 1:30 PM	04/07/11	04/09/11 4:57 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57563 | WorkOrder 1104220

EPA Method SW8015Bm | **Extraction SW5030B** | **Spiked Sample ID: 1104220-014A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	120	113	5.98	120	121	1.02	70 - 130	20	70 - 130	20
MTBE	ND	0.10	92.1	94.8	2.85	94.5	87.4	7.84	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.9	90.6	0.773	93.4	89.5	4.25	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.1	89.5	1.60	90.4	87.5	3.29	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.3	91.5	2.46	91.5	88.5	3.42	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.4	91.3	2.07	91.1	88.2	3.25	70 - 130	20	70 - 130	20
%SS:	87	0.10	88	94	6.43	82	84	2.45	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57563 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-005A	04/05/11 1:35 PM	04/07/11	04/09/11 5:26 AM	1104220-006A	04/05/11 10:30 AM	04/07/11	04/08/11 5:36 PM
1104220-007A	04/05/11 10:40 AM	04/07/11	04/08/11 6:36 PM	1104220-008A	04/05/11 10:50 AM	04/07/11	04/08/11 7:07 PM
1104220-009A	04/05/11 9:25 AM	04/07/11	04/09/11 7:23 AM	1104220-010A	04/05/11 9:20 AM	04/07/11	04/12/11 12:35 AM
1104220-011A	04/05/11 9:15 AM	04/07/11	04/08/11 11:33 PM	1104220-012A	04/05/11 9:10 AM	04/07/11	04/12/11 12:48 AM
1104220-013A	04/05/11 9:05 AM	04/07/11	04/12/11 3:15 AM	1104220-014A	04/05/11 1:46 PM	04/07/11	04/12/11 3:44 AM
1104220-015A	04/05/11 9:40 AM	04/07/11	04/09/11 8:22 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104220

EPA Method SW6010B **Extraction SW3050B** **BatchID: 57460** **Spiked Sample ID: 1104093-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	15	50	96.9	104	5.61	10	101	95.6	5.17	75 - 125	25	75 - 125	25
%SS:	98	500	98	95	2.64	500	103	100	3.84	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57460 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-001A	04/05/11 9:30 AM	04/07/11	04/11/11 11:09 AM	1104220-002A	04/05/11 1:21 PM	04/07/11	04/11/11 11:11 AM
1104220-003A	04/05/11 1:24 PM	04/07/11	04/08/11 3:12 PM	1104220-004A	04/05/11 1:30 PM	04/07/11	04/08/11 3:14 PM
1104220-005A	04/05/11 1:35 PM	04/07/11	04/11/11 11:13 AM	1104220-006A	04/05/11 10:30 AM	04/07/11	04/11/11 11:16 AM
1104220-007A	04/05/11 10:40 AM	04/07/11	04/08/11 3:16 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104220

EPA Method SW6010B **Extraction SW3050B** **BatchID: 57565** **Spiked Sample ID: 1104220-012A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	8.3	50	83.3	86.1	2.77	10	85.8	87.8	2.27	75 - 125	25	75 - 125	25
%SS:	100	500	98	102	4.03	500	96	98	1.95	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57565 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-008A	04/05/11 10:50 AM	04/07/11	04/11/11 11:18 AM	1104220-009A	04/05/11 9:25 AM	04/07/11	04/11/11 11:20 AM
1104220-010A	04/05/11 9:20 AM	04/07/11	04/11/11 11:23 AM	1104220-011A	04/05/11 9:15 AM	04/07/11	04/08/11 3:19 PM
1104220-012A	04/05/11 9:10 AM	04/07/11	04/08/11 2:42 PM	1104220-013A	04/05/11 9:05 AM	04/07/11	04/08/11 3:21 PM
1104220-014A	04/05/11 1:46 PM	04/07/11	04/08/11 3:23 PM	1104220-015A	04/05/11 9:40 AM	04/07/11	04/11/11 11:25 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57512 WorkOrder 1104220

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104154-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	2.5	40	119	118	1.02	115	113	2.17	70 - 130	30	70 - 130	30
%SS:	106	25	108	107	0.632	95	93	2.07	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57512 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-001A	04/05/11 9:30 AM	04/07/11	04/09/11 1:31 AM	1104220-002A	04/05/11 1:21 PM	04/07/11	04/11/11 9:08 PM
1104220-003A	04/05/11 1:24 PM	04/07/11	04/09/11 4:51 AM	1104220-004A	04/05/11 1:30 PM	04/07/11	04/08/11 8:51 AM
1104220-005A	04/05/11 1:35 PM	04/07/11	04/09/11 2:38 AM	1104220-006A	04/05/11 10:30 AM	04/07/11	04/09/11 3:45 AM
1104220-007A	04/05/11 10:40 AM	04/07/11	04/13/11 12:46 AM	1104220-008A	04/05/11 10:50 AM	04/07/11	04/14/11 1:45 PM
1104220-009A	04/05/11 9:25 AM	04/07/11	04/13/11 1:20 AM	1104220-010A	04/05/11 9:20 AM	04/07/11	04/08/11 8:59 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57562 WorkOrder 1104220

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104220-015A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	117	116	0.711	118	117	0.817	70 - 130	30	70 - 130	30
%SS:	106	25	109	109	0	101	101	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57562 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104220-011A	04/05/11 9:15 AM	04/07/11	04/12/11 1:14 AM	1104220-012A	04/05/11 9:10 AM	04/07/11	04/08/11 3:38 PM
1104220-013A	04/05/11 9:05 AM	04/07/11	04/08/11 2:30 PM	1104220-014A	04/05/11 1:46 PM	04/07/11	04/12/11 5:59 PM
1104220-015A	04/05/11 9:40 AM	04/07/11	04/12/11 7:08 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/19/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/19/11

WorkOrder: 1104453

April 20, 2011

Dear Peter:

Enclosed within are:

1) The results of the **9** analyzed samples from your project: **#730482302; 5812 Hollis St.,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104453

RUSH

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Milano
Recorder (Signature Required):

Turnaround Time: 72 hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-gid/mod	SVOC	Lead	Silica gel clean-up	Hold	Remarks
B-1-15	4-15-11	1350		X						X		X	X	X	X		
B-2-15		1355		X						X		X	X	X	X		
B-3-15		1400		X						X		X	X	X	X		
B-4-15		1405		X						X		X	X	X	X		
B-5-15		1410		X						X		X	X	X	X		
B-6-15		1415		X						X		X	X	X	X		
B-7-15		1420		X						X		X	X	X	X		
B-8-15		1425		X						X		X	X	X	X		
B-9-15		1430		X						X		X	X	X	X		

	Date	Time		Date	Time
Relinquished by: (Signature)	4-15-11	1440	Received by: (Signature)	4/15/11	1490
Relinquished by: (Signature)	4/15/11	1715	Received by: (Signature)		
Relinquished by: (Signature)			Received by Lab: (Signature)	4/15/11	1715

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: [X] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

ICE/t° 1.0
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER

White Copy - Original
Yellow Copy - Laboratory
Pink Copy - Field

COC Number: 004537

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104453 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St.

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 3 days

Date Received: **04/15/2011**
Date Printed: **04/15/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104453-001	B-1-15	Soil	4/15/2011 13:50	☐	A	A	A									
1104453-002	B-2-15	Soil	4/15/2011 13:55	☐	A	A	A									
1104453-003	B-3-15	Soil	4/15/2011 14:00	☐	A	A	A									
1104453-004	B-4-15	Soil	4/15/2011 14:05	☐	A	A	A									
1104453-005	B-5-15	Soil	4/15/2011 14:10	☐	A	A	A									
1104453-006	B-6-15	Soil	4/15/2011 14:15	☐	A	A	A									
1104453-007	B-7-15	Soil	4/15/2011 14:20	☐	A	A	A									
1104453-008	B-8-15	Soil	4/15/2011 14:25	☐	A	A	A									
1104453-009	B-9-15	Soil	4/15/2011 14:30	☐	A	A	A									

Test Legend:

1	8270D_S	2	PB_S	3	TPH(DMO)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A contain testgroup.

Prepared by: Maria Venegas

Comments: SEND HARD COPY. 72hr Rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **4/15/2011 5:43:36 PM**
Project Name: **#730482302; 5812 Hollis St.**
Checklist completed and reviewed by: Maria Venegas
WorkOrder N°: **1104453** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 6.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-001A
Client ID	B-1-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	87	%SS2:	83
%SS3:	93	%SS4:	84
%SS5:	78	%SS6:	92

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/18/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-002A
Client ID	B-2-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	96	%SS2:	102
%SS3:	94	%SS4:	79
%SS5:	96	%SS6:	94

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/18/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-003A
Client ID	B-3-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	96	%SS2:	96
%SS3:	97	%SS4:	79
%SS5:	100	%SS6:	98

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/18/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-004A
Client ID	B-4-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	93	%SS2:	91
%SS3:	94	%SS4:	82
%SS5:	93	%SS6:	98

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/18/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-005A
Client ID	B-5-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	96	%SS2:	97
%SS3:	96	%SS4:	82
%SS5:	96	%SS6:	92

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/18/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-006A
Client ID	B-6-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	91	%SS2:	91
%SS3:	94	%SS4:	83
%SS5:	97	%SS6:	101

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-007A
Client ID	B-7-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	91	%SS2:	92
%SS3:	93	%SS4:	83
%SS5:	94	%SS6:	90

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-008A
Client ID	B-8-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	90	%SS2:	92
%SS3:	97	%SS4:	80
%SS5:	86	%SS6:	94

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104453

Lab ID	1104453-009A
Client ID	B-9-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	90	%SS2:	90
%SS3:	92	%SS4:	79
%SS5:	95	%SS6:	97

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/15/11-04/19/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104453

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	B-1-15	S	5.2	1	96	d7
002A	B-2-15	S	ND	1	94	
003A	B-3-15	S	ND	1	98	
004A	B-4-15	S	ND	1	90	
005A	B-5-15	S	ND	1	100	
006A	B-6-15	S	ND	1	99	
007A	B-7-15	S	4.1	1	84	d7
008A	B-8-15	S	ND	1	96	
009A	B-9-15	S	ND	1	97	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/18/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104453

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104453-001A	B-1-15	S	TOTAL	6.6	1	107	
1104453-002A	B-2-15	S	TOTAL	5.6	1	108	
1104453-003A	B-3-15	S	TOTAL	8.4	1	107	
1104453-004A	B-4-15	S	TOTAL	12	1	108	
1104453-005A	B-5-15	S	TOTAL	7.8	1	108	
1104453-006A	B-6-15	S	TOTAL	5.7	1	105	
1104453-007A	B-7-15	S	TOTAL	8.6	1	108	
1104453-008A	B-8-15	S	TOTAL	11	1	108	
1104453-009A	B-9-15	S	TOTAL	7.6	1	106	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/16/11-04/18/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104453

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104453-001A	B-1-15	S	210	160	1	101	e3/e1,e7
1104453-002A	B-2-15	S	ND	ND	1	105	
1104453-003A	B-3-15	S	ND	ND	1	100	
1104453-004A	B-4-15	S	ND	ND	1	100	
1104453-005A	B-5-15	S	ND	ND	1	105	
1104453-006A	B-6-15	S	ND	ND	1	101	
1104453-007A	B-7-15	S	45	120	1	106	e7,e2
1104453-008A	B-8-15	S	ND	ND	1	102	
1104453-009A	B-9-15	S	ND	ND	1	105	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern
e3) aged diesel is significant; and/or e1) unmodified or weakly modified diesel is significant
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57651 | WorkOrder 1104453

EPA Method SW8270C | **Extraction SW3550B** | **Spiked Sample ID: 1104350-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND<16	2	NR	NR	NR	74.8	74.8	0	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<16	4	NR	NR	NR	83.5	83.6	0.0778	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<16	4	NR	NR	NR	102	102	0	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<16	2	NR	NR	NR	93.5	93.6	0.0748	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<16	2	NR	NR	NR	87	86.5	0.657	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<80	4	NR	NR	NR	74.6	70.4	5.73	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<16	2	NR	NR	NR	120	120	0	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<80	4	NR	NR	NR	30.6	30.6	0	30 - 130	30	30 - 130	30
Phenol	ND<16	4	NR	NR	NR	91.5	91.3	0.246	30 - 130	30	30 - 130	30
Pyrene	ND<16	2	NR	NR	NR	67.7	67.6	0.0443	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<16	2	NR	NR	NR	89.6	87.1	2.77	30 - 130	30	30 - 130	30
%SS1:	73	200	---#	---#	N/A	85	83	3.22	30 - 130	30	30 - 130	30
%SS2:	---#	200	58	50	14.6	87	86	1.54	30 - 130	30	30 - 130	30
%SS3:	88	200	91	88	3.32	98	94	4.44	30 - 130	30	30 - 130	30
%SS4:	72	200	74	75	1.55	83	82	1.21	30 - 130	30	30 - 130	30
%SS5:	---#	200	---#	111	N/A	92	90	1.36	30 - 130	30	30 - 130	30
%SS6:	68	200	69	69	0	69	69	0	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57651 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-001A	04/15/11 1:50 PM	04/15/11	04/19/11 4:34 AM	1104453-002A	04/15/11 1:55 PM	04/15/11	04/18/11 6:18 PM
1104453-003A	04/15/11 2:00 PM	04/15/11	04/18/11 7:37 PM	1104453-004A	04/15/11 2:05 PM	04/15/11	04/18/11 8:55 PM
1104453-005A	04/15/11 2:10 PM	04/15/11	04/18/11 10:12 PM	1104453-006A	04/15/11 2:15 PM	04/15/11	04/18/11 11:29 PM
1104453-007A	04/15/11 2:20 PM	04/15/11	04/19/11 12:46 AM	1104453-008A	04/15/11 2:25 PM	04/15/11	04/19/11 2:03 AM
1104453-009A	04/15/11 2:30 PM	04/15/11	04/19/11 3:19 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57681 WorkOrder 1104453

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104409-013A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	110	116	5.22	113	104	8.78	70 - 130	20	70 - 130	20
MTBE	ND	0.10	108	122	12.7	110	110	0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	84.3	92.2	8.85	89.2	83.6	6.43	70 - 130	20	70 - 130	20
Toluene	ND	0.10	82.9	89.5	7.68	87.9	82.4	6.47	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	84.9	90.4	6.28	89.4	84.4	5.71	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	85.1	90.3	5.96	89.3	84.6	5.34	70 - 130	20	70 - 130	20
%SS:	85	0.10	80	81	1.11	83	84	1.46	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57681 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-001A	04/15/11 1:50 PM	04/15/11	04/15/11 11:55 PM	1104453-002A	04/15/11 1:55 PM	04/15/11	04/16/11 12:24 AM
1104453-003A	04/15/11 2:00 PM	04/15/11	04/16/11 2:24 AM	1104453-004A	04/15/11 2:05 PM	04/15/11	04/19/11 1:33 AM
1104453-005A	04/15/11 2:10 PM	04/15/11	04/16/11 3:23 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57720 | WorkOrder 1104453

EPA Method SW8015Bm | **Extraction SW5030B** | **Spiked Sample ID: 1104453-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	99.5	103	3.37	101	99.6	0.934	70 - 130	20	70 - 130	20
MTBE	ND	0.10	109	106	3.39	106	107	0.515	70 - 130	20	70 - 130	20
Benzene	ND	0.10	105	104	0.374	105	104	1.09	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.1	92.1	0	92	90.8	1.26	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	94.1	94.6	0.490	93.6	92.4	1.25	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	106	107	0.969	106	104	1.99	70 - 130	20	70 - 130	20
%SS:	97	0.10	108	106	2.74	105	106	1.03	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57720 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-006A	04/15/11 2:15 PM	04/15/11	04/16/11 4:22 AM	1104453-007A	04/15/11 2:20 PM	04/15/11	04/19/11 2:05 AM
1104453-008A	04/15/11 2:25 PM	04/15/11	04/16/11 5:22 AM	1104453-009A	04/15/11 2:30 PM	04/15/11	04/16/11 5:51 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104453

EPA Method SW6010B	Extraction SW3050B	BatchID: 57629	Spiked Sample ID: 1104409-013A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	5.7	50	100	103	2.44	10	94.6	95.1	0.580	75 - 125	25	75 - 125	25
%SS:	99	500	97	99	2.40	500	103	106	2.68	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57629 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-001A	04/15/11 1:50 PM	04/15/11	04/18/11 2:03 PM	1104453-002A	04/15/11 1:55 PM	04/15/11	04/18/11 2:05 PM
1104453-003A	04/15/11 2:00 PM	04/15/11	04/18/11 2:07 PM	1104453-004A	04/15/11 2:05 PM	04/15/11	04/18/11 2:09 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104453

EPA Method SW6010B	Extraction SW3050B	BatchID: 57721	Spiked Sample ID: 1104453-009A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	7.6	50	92.5	97.7	4.76	10	97.4	106	8.12	75 - 125	25	75 - 125	25
%SS:	106	500	103	106	2.30	500	106	103	2.97	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57721 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-005A	04/15/11 2:10 PM	04/15/11	04/18/11 2:11 PM	1104453-006A	04/15/11 2:15 PM	04/15/11	04/18/11 2:13 PM
1104453-007A	04/15/11 2:20 PM	04/15/11	04/18/11 2:15 PM	1104453-008A	04/15/11 2:25 PM	04/15/11	04/18/11 2:17 PM
1104453-009A	04/15/11 2:30 PM	04/15/11	04/18/11 1:12 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57680 WorkOrder 1104453

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104409-013A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	128	127	0.810	110	111	0.521	70 - 130	30	70 - 130	30
%SS:	101	25	107	109	2.16	94	96	1.39	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57680 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-001A	04/15/11 1:50 PM	04/15/11	04/16/11 8:13 AM	1104453-002A	04/15/11 1:55 PM	04/15/11	04/18/11 5:59 PM
1104453-003A	04/15/11 2:00 PM	04/15/11	04/16/11 5:53 AM	1104453-004A	04/15/11 2:05 PM	04/15/11	04/16/11 7:03 AM
1104453-005A	04/15/11 2:10 PM	04/15/11	04/16/11 10:41 AM	1104453-006A	04/15/11 2:15 PM	04/15/11	04/16/11 11:57 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57719 WorkOrder 1104453

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104453-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	119	121	2.06	93.7	94	0.340	70 - 130	30	70 - 130	30
%SS:	105	25	101	103	1.38	99	99	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57719 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-007A	04/15/11 2:20 PM	04/15/11	04/16/11 1:13 PM	1104453-008A	04/15/11 2:25 PM	04/15/11	04/16/11 4:58 PM
1104453-009A	04/15/11 2:30 PM	04/15/11	04/16/11 6:14 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled:
		Date Received:
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/19/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/25/11

WorkOrder: 1104453

Enclosed within are:

1) The results of the analyzed samples from your project:
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104453

RUSH

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

[X] 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
[ ] 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
[ ] 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Milan
Recorder (Signature Required):

Turnaround Time: 72 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g/d/mo	SVOC's	Lead	MBTEX 4/25, 24hr	Silica gel clean-up	Hold	Remarks
B-1-15	4-15-11	1350		X						X		X	X	X	X	X		
B-2-15		1355		X						X		X	X	X		X		
B-3-15		1400		X						X		X	X	X		X		
B-4-15		1405		X						X		X	X	X		X		
B-5-15		1410		X						X		X	X	X		X		
B-6-15		1415		X						X		X	X	X		X		
B-7-15		1420		X						X		X	X	X		X		
B-8-15		1425		X						X		X	X	X		X		
B-9-15		1430		X						X		X	X	X		X		

Relinquished by: (Signature)	Date 4-15-11	Time 1440	Received by: (Signature)	Date 4/15/11	Time 1440
Relinquished by: (Signature)	Date 4/15/11	Time 1715	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/15/11	Time 1715

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: [X] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

ICE/t° 1.0
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ___ PRESERVED IN LAB ___
DECHLORINATED IN LAB ___

PRESERVATION	VOAS	O&G	METALS	OTHER

White Copy - Original ✓ Yellow Copy - Laboratory Pink Copy - Field

COC Number: 004537

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104453 A **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St.

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 3 days
Date Received: **04/15/2011**
Date Add-On: **04/25/2011**
Date Printed: **04/25/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104453-001	B-1-15	Soil	4/15/2011 13:50	☐	B											

Test Legend:

1	G-MBTEX_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: SEND HARD COPY. 72hr Rush. MBTEX added on 001 4/25/11 24hr

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/15/11
		Date Received: 04/15/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/15/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/15/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1104453

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-1-15	S	5.2	ND	ND	ND	ND	ND	1	96	d7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57681 WorkOrder 1104453

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104409-013A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	110	116	5.22	113	104	8.78	70 - 130	20	70 - 130	20
MTBE	ND	0.10	108	122	12.7	110	110	0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	84.3	92.2	8.85	89.2	83.6	6.43	70 - 130	20	70 - 130	20
Toluene	ND	0.10	82.9	89.5	7.68	87.9	82.4	6.47	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	84.9	90.4	6.28	89.4	84.4	5.71	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	85.1	90.3	5.96	89.3	84.6	5.34	70 - 130	20	70 - 130	20
%SS:	85	0.10	80	81	1.11	83	84	1.46	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57681 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104453-001A	04/15/11 1:50 PM	04/15/11	04/15/11 11:55 PM	1104453-002A	04/15/11 1:55 PM	04/15/11	04/16/11 12:24 AM
1104453-003A	04/15/11 2:00 PM	04/15/11	04/16/11 2:24 AM	1104453-004A	04/15/11 2:05 PM	04/15/11	04/19/11 1:33 AM
1104453-005A	04/15/11 2:10 PM	04/15/11	04/16/11 3:23 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/21/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/21/11

WorkOrder: 1104506

April 21, 2011

Dear Peter:

Enclosed within are:

1) The results of the **7** analyzed samples from your project: **#730482302; 5812 Hollis St.,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104506

RUSH

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Mitchum
Recorder (Signature Required):

Turnaround Time: 72 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g,d,m	SVOCs	Lead	Silica gel clean-up	Hold	Remarks
B-10-15	4-18-11	1205		X						X		X	X	X	X		
B-11-15		1210		X						X		X	X	X	X		
B-12-15		1215		X						X		X	X	X	X		
B-13-15		1220		X						X		X	X	X	X		
B-14-15		1225		X						X		X	X	X	X		
B-15-15		1230		X						X		X	X	X	X		
B-16-15*		1200		X						X		X	X	X	X		

Relinquished by: (Signature)	Date 4-18-11	Time 1350	Received by: (Signature)	Date 4/18/11 Time 1350
Relinquished by: (Signature)	Date 4/18/11	Time 1615	Received by: (Signature)	Date Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/18/11 Time 1615

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: [X] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

*Tube Labeled "B-16-10"

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 005242

ICE/T 5.0
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT PRESERVED IN LAB
DECHLORINATED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104506 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St.

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 3 days

Date Received: **04/18/2011**
Date Printed: **04/18/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104506-001	B-10-15	Soil	4/18/2011 12:05	☐	A	A	A									
1104506-002	B-11-15	Soil	4/18/2011 12:10	☐	A	A	A									
1104506-003	B-12-15	Soil	4/18/2011 12:15	☐	A	A	A									
1104506-004	B-13-15	Soil	4/18/2011 12:20	☐	A	A	A									
1104506-005	B-14-15	Soil	4/18/2011 12:25	☐	A	A	A									
1104506-006	B-15-15	Soil	4/18/2011 12:30	☐	A	A	A									
1104506-007	B-16-15	Soil	4/18/2011 12:00	☐	A	A	A									

Test Legend:

1	8270D_S	2	PB_S	3	TPH(DMO)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A contain testgroup.

Prepared by: Maria Venegas

Comments: SEND HARD COPY. 72hr Rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Treadwell & Rollo**

Date and Time Received: **4/18/2011 4:15:41 PM**

Project Name: **#730482302; 5812 Hollis St.**

Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **1104506** Matrix Soil

Carrier: Benjamin Yslas (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104506

Lab ID	1104506-001A
Client ID	B-10-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	95	%SS2:	96
%SS3:	91	%SS4:	81
%SS5:	85	%SS6:	89

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104506

Lab ID	1104506-002A
Client ID	B-11-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	82	%SS2:	89
%SS3:	87	%SS4:	82
%SS5:	85	%SS6:	87

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104506

Lab ID	1104506-003A
Client ID	B-12-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	86	%SS2:	82
%SS3:	92	%SS4:	78
%SS5:	83	%SS6:	89

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104506

Lab ID	1104506-004A
Client ID	B-13-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	88
%SS3:	92	%SS4:	75
%SS5:	69	%SS6:	87

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104506

Lab ID	1104506-005A
Client ID	B-14-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	85
%SS3:	84	%SS4:	77
%SS5:	59	%SS6:	68

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104506

Lab ID	1104506-006A
Client ID	B-15-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	81
%SS3:	101	%SS4:	83
%SS5:	57	%SS6:	83

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/20/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104506

Lab ID	1104506-007A
Client ID	B-16-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	105
%SS3:	96	%SS4:	83
%SS5:	111	%SS6:	91

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/19/11-04/21/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104506

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	B-10-15	S	ND	1	98	
002A	B-11-15	S	ND	1	102	
003A	B-12-15	S	ND	1	91	
004A	B-13-15	S	ND	1	89	
005A	B-14-15	S	3.5	1	91	d7
006A	B-15-15	S	21	1	89	d7
007A	B-16-15	S	ND	1	84	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104506

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104506-001A	B-10-15	S	TOTAL	ND	1	106	
1104506-002A	B-11-15	S	TOTAL	7.3	1	107	
1104506-003A	B-12-15	S	TOTAL	8.2	1	111	
1104506-004A	B-13-15	S	TOTAL	13	1	108	
1104506-005A	B-14-15	S	TOTAL	7.6	1	109	
1104506-006A	B-15-15	S	TOTAL	7.2	1	106	
1104506-007A	B-16-15	S	TOTAL	7.0	1	108	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11-04/21/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104506

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104506-001A	B-10-15	S	ND	ND	1	113	
1104506-002A	B-11-15	S	ND	ND	1	118	
1104506-003A	B-12-15	S	1.8	ND	1	117	e2
1104506-004A	B-13-15	S	10	ND	1	116	e1
1104506-005A	B-14-15	S	52	44	1	111	e1
1104506-006A	B-15-15	S	630	240	5	91	e1
1104506-007A	B-16-15	S	ND	ND	1	112	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57743 | WorkOrder 1104506

EPA Method SW8270C **Extraction SW3550B** **Spiked Sample ID: 1104506-007A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	70.7	69	2.51	69.6	68.4	1.81	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	80.2	82.2	2.45	75.1	75.1	0	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	70.8	67.9	4.17	75.4	70.2	7.10	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	76.7	73.5	4.14	74.6	74.7	0.0804	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	83.1	82.1	1.17	85	80.2	5.74	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	72	71.3	1.05	66.3	69.8	5.17	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	71.8	69.2	3.68	91	79.5	13.5	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	66.3	64.5	2.78	60.6	58	4.41	30 - 130	30	30 - 130	30
Phenol	ND	4	69.9	68.5	2.08	79.4	73.1	8.23	30 - 130	30	30 - 130	30
Pyrene	ND	2	88.6	82.2	7.45	87.2	83.6	4.19	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	83	81.1	2.34	77.8	79.6	2.29	30 - 130	30	30 - 130	30
%SS1:	94	200	88	85	3.77	101	88	13.9	30 - 130	30	30 - 130	30
%SS2:	105	200	90	87	3.58	106	94	12.1	30 - 130	30	30 - 130	30
%SS3:	96	200	96	96	0	99	96	3.61	30 - 130	30	30 - 130	30
%SS4:	83	200	76	80	5.10	77	76	0.310	30 - 130	30	30 - 130	30
%SS5:	111	200	105	95	10.1	99	97	2.83	30 - 130	30	30 - 130	30
%SS6:	91	200	91	85	7.23	88	92	5.04	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57743 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104506-001A	04/18/11 12:05 PM	04/18/11	04/21/11 12:27 PM	1104506-002A	04/18/11 12:10 PM	04/18/11	04/21/11 1:45 PM
1104506-003A	04/18/11 12:15 PM	04/18/11	04/21/11 3:05 PM	1104506-004A	04/18/11 12:20 PM	04/18/11	04/21/11 3:43 PM
1104506-005A	04/18/11 12:25 PM	04/18/11	04/21/11 3:28 PM	1104506-006A	04/18/11 12:30 PM	04/18/11	04/21/11 4:25 PM
1104506-007A	04/18/11 12:00 PM	04/18/11	04/20/11 1:03 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57720 WorkOrder 1104506

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104453-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	99.5	103	3.37	101	99.6	0.934	70 - 130	20	70 - 130	20
MTBE	ND	0.10	109	106	3.39	106	107	0.515	70 - 130	20	70 - 130	20
Benzene	ND	0.10	105	104	0.374	105	104	1.09	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.1	92.1	0	92	90.8	1.26	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	94.1	94.6	0.490	93.6	92.4	1.25	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	106	107	0.969	106	104	1.99	70 - 130	20	70 - 130	20
%SS:	97	0.10	108	106	2.74	105	106	1.03	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57720 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104506-001A	04/18/11 12:05 PM	04/18/11	04/19/11 3:30 AM	1104506-002A	04/18/11 12:10 PM	04/18/11	04/19/11 4:29 AM
1104506-003A	04/18/11 12:15 PM	04/18/11	04/19/11 4:59 AM	1104506-004A	04/18/11 12:20 PM	04/18/11	04/19/11 11:52 PM
1104506-005A	04/18/11 12:25 PM	04/18/11	04/21/11 2:33 AM	1104506-006A	04/18/11 12:30 PM	04/18/11	04/19/11 6:01 PM
1104506-007A	04/18/11 12:00 PM	04/18/11	04/20/11 5:21 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104506

EPA Method SW6010B	Extraction SW3050B	BatchID: 57721	Spiked Sample ID: 1104453-009A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	7.6	50	92.5	97.7	4.76	10	97.4	106	8.12	75 - 125	25	75 - 125	25
%SS:	106	500	103	106	2.30	500	106	103	2.97	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57721 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104506-001A	04/18/11 12:05 PM	04/18/11	04/19/11 11:35 AM	1104506-002A	04/18/11 12:10 PM	04/18/11	04/19/11 11:37 AM
1104506-003A	04/18/11 12:15 PM	04/18/11	04/19/11 11:39 AM	1104506-004A	04/18/11 12:20 PM	04/18/11	04/19/11 11:41 AM
1104506-005A	04/18/11 12:25 PM	04/18/11	04/19/11 11:43 AM	1104506-006A	04/18/11 12:30 PM	04/18/11	04/19/11 11:45 AM
1104506-007A	04/18/11 12:00 PM	04/18/11	04/19/11 11:47 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57719 WorkOrder 1104506

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104453-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	119	121	2.06	93.7	94	0.340	70 - 130	30	70 - 130	30
%SS:	105	25	101	103	1.38	99	99	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57719 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104506-001A	04/18/11 12:05 PM	04/18/11	04/21/11 3:25 PM	1104506-002A	04/18/11 12:10 PM	04/18/11	04/19/11 11:16 AM
1104506-003A	04/18/11 12:15 PM	04/18/11	04/21/11 2:36 PM	1104506-004A	04/18/11 12:20 PM	04/18/11	04/19/11 10:06 AM
1104506-005A	04/18/11 12:25 PM	04/18/11	04/19/11 2:55 AM	1104506-006A	04/18/11 12:30 PM	04/18/11	04/19/11 4:07 PM
1104506-007A	04/18/11 12:00 PM	04/18/11	04/20/11 4:23 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled:
		Date Received:
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/21/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/25/11

WorkOrder: 1104506

Enclosed within are:

1) The results of the analyzed samples from your project:
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104506

RUSH

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Mitchum
Recorder (Signature Required):

Turnaround Time: 72 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g,d,-m	SVOCs	Lead	MBTEX 4hr, 24hr	Silica gel clean-up	Hold	Remarks
B-10-15	4-18-11	1205		X						X		X	X	X		X		
B-11-15		1210		X						X		X	X	X	⊗	X		
B-12-15		1215		X						X		X	X	X		X		
B-13-15		1220		X						X		X	X	X		X		
B-14-15		1225		X						X		X	X	X		X		
B-15-15		1230		X						X		X	X	X		X		
B-16-15*	↓	1200		X						X		X	X	X		X		

Relinquished by: (Signature)	Date 4-18-11	Time 1350	Received by: (Signature)	Date 4/18/11 Time 1350
Relinquished by: (Signature)	Date 4/18/11	Time 1615	Received by: (Signature)	Date Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/18/11 Time 1615

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

* Tube Labeled "B-16-10"

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 005242

ICE/T 5.6
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT PRESERVED IN LAB
DECHLORINATED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104506 A **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St.

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 3 days
Date Received: **04/18/2011**
Date Add-On: **04/25/2011**
Date Printed: **04/25/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1104506-002	B-11-15	Soil	4/18/2011 12:10	☐	B											

Test Legend:

1	G-MBTEX_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: SEND HARD COPY. 72hr Rush. MBTEX added on 002 4/25/11 24hr

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1104506

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
002A	B-11-15	S	ND	ND	ND	ND	ND	ND	1	102	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57720 WorkOrder 1104506

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104453-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	99.5	103	3.37	101	99.6	0.934	70 - 130	20	70 - 130	20
MTBE	ND	0.10	109	106	3.39	106	107	0.515	70 - 130	20	70 - 130	20
Benzene	ND	0.10	105	104	0.374	105	104	1.09	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.1	92.1	0	92	90.8	1.26	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	94.1	94.6	0.490	93.6	92.4	1.25	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	106	107	0.969	106	104	1.99	70 - 130	20	70 - 130	20
%SS:	97	0.10	108	106	2.74	105	106	1.03	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57720 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104506-001A	04/18/11 12:05 PM	04/18/11	04/19/11 3:30 AM	1104506-002A	04/18/11 12:10 PM	04/18/11	04/19/11 4:29 AM
1104506-003A	04/18/11 12:15 PM	04/18/11	04/19/11 4:59 AM	1104506-004A	04/18/11 12:20 PM	04/18/11	04/19/11 11:52 PM
1104506-005A	04/18/11 12:25 PM	04/18/11	04/21/11 2:33 AM	1104506-006A	04/18/11 12:30 PM	04/18/11	04/19/11 6:01 PM
1104506-007A	04/18/11 12:00 PM	04/18/11	04/20/11 5:21 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Reported: 04/25/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/22/11

WorkOrder: 1104507

April 25, 2011

Dear Rob:

Enclosed within are:

1) The results of the **7** analyzed samples from your project: **#730482302l; 5812 Hollis St,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104507

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Milano
Recorder (Signature Required):

Turnaround Time: Normal

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g-BTEX	SVOCs	Lead	Silica gel clean-up	Hold	Remarks
P10-8	4-18-11	1235		X						X		X	X	X	X		
P10-9	4-18-11	1240		X						X		X	X	X	X		
P10-10	4-18-11	1245		X						X		X	X	X	X		
P10-11	4-15-11	1335		X						X		X	X	X	X		
P10-12	4-15-11	1330		X						X		X	X	X	X		
P10-13	4-8-11	1650		X						X		X	X	X	X		
P10-14	4-8-11	1645		X						X		X	X	X	X		

Relinquished by: (Signature)	Date 4-18-11	Time 1350	Received by: (Signature)	Date 4/18/11	Time 1350
Relinquished by: (Signature)	Date 4/18/11	Time 1615	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/18/11	Time 1615

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 005243

ICE/t° 3.8
GOOD CONDITION ____ APPROPRIATE
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104507 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Rob Milano
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: rnmilano@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302I; 5812 Hollis St

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 5 days

Date Received: **04/18/2011**
Date Printed: **04/18/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104507-001	P10-8	Soil	4/18/2011 12:35	☐	A	A	A									
1104507-002	P10-9	Soil	4/18/2011 12:40	☐	A	A	A									
1104507-003	P10-10	Soil	4/18/2011 12:45	☐	A	A	A									
1104507-004	P10-11	Soil	4/18/2011 13:35	☐	A	A	A									
1104507-005	P10-12	Soil	4/18/2011 13:30	☐	A	A	A									
1104507-006	P10-13	Soil	4/18/2011 16:50	☐	A	A	A									
1104507-007	P10-14	Soil	4/18/2011 16:45	☐	A	A	A									

Test Legend:

1	8270D_S	2	PB_S	3	TPH(DMO)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A contain testgroup.

Prepared by: Ana Venegas

Comments: SEND HARD COPY

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Treadwell & Rollo**

Date and Time Received: **4/18/2011 4:56:11 PM**

Project Name: **#730482302l; 5812 Hollis St**

Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **1104507** Matrix Soil

Carrier: Benjamin Yslas (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104507

Lab ID	1104507-001A
Client ID	P10-8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	85	%SS2:	82
%SS3:	84	%SS4:	77
%SS5:	70	%SS6:	78

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104507

Lab ID	1104507-002A
Client ID	P10-9
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	84
%SS3:	87	%SS4:	78
%SS5:	65	%SS6:	76

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104507

Lab ID	1104507-003A
Client ID	P10-10
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	88	%SS2:	82
%SS3:	85	%SS4:	78
%SS5:	63	%SS6:	79

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104507

Lab ID	1104507-004A
Client ID	P10-11
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	81
%SS3:	84	%SS4:	77
%SS5:	66	%SS6:	78

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/22/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104507

Lab ID	1104507-005A
Client ID	P10-12
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	92	%SS2:	73
%SS3:	88	%SS4:	76
%SS5:	61	%SS6:	81

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/22/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104507

Lab ID	1104507-006A
Client ID	P10-13
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	87	%SS2:	82
%SS3:	85	%SS4:	77
%SS5:	64	%SS6:	78

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104507

Lab ID	1104507-007A
Client ID	P10-14
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	90	%SS2:	78
%SS3:	82	%SS4:	75
%SS5:	62	%SS6:	70

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/20/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104507

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	P10-8	S	ND	1	86	
002A	P10-9	S	6.2	1	94	d7
003A	P10-10	S	ND	1	82	
004A	P10-11	S	ND	1	85	
005A	P10-12	S	14	1	77	d7
006A	P10-13	S	ND	1	83	
007A	P10-14	S	ND	1	83	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104507

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104507-001A	P10-8	S	TOTAL	11	1	108	
1104507-002A	P10-9	S	TOTAL	9.9	1	109	
1104507-003A	P10-10	S	TOTAL	12	1	109	
1104507-004A	P10-11	S	TOTAL	13	1	113	
1104507-005A	P10-12	S	TOTAL	5.1	1	108	
1104507-006A	P10-13	S	TOTAL	8.7	1	108	
1104507-007A	P10-14	S	TOTAL	9.3	1	113	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302l; 5812 Hollis St	Date Sampled: 04/18/11
		Date Received: 04/18/11
555 Montgomery St., Suite 1300	Client Contact: Rob Milano	Date Extracted: 04/18/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/19/11-04/22/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104507

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104507-001A	P10-8	S	1.8	ND	1	110	e2
1104507-002A	P10-9	S	100	52	1	101	e1
1104507-003A	P10-10	S	2.5	ND	1	102	e1
1104507-004A	P10-11	S	ND	ND	1	108	
1104507-005A	P10-12	S	28	13	1	92	e1
1104507-006A	P10-13	S	ND	ND	1	107	
1104507-007A	P10-14	S	ND	ND	1	104	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57719 WorkOrder 1104507

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104453-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	119	121	2.06	93.7	94	0.340	70 - 130	30	70 - 130	30
%SS:	105	25	101	103	1.38	99	99	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57719 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104507-001A	04/18/11 12:35 PM	04/18/11	04/22/11 3:51 PM	1104507-002A	04/18/11 12:40 PM	04/18/11	04/19/11 10:56 PM
1104507-003A	04/18/11 12:45 PM	04/18/11	04/20/11 2:19 AM	1104507-004A	04/18/11 1:35 PM	04/18/11	04/20/11 3:27 AM
1104507-005A	04/18/11 1:30 PM	04/18/11	04/19/11 6:24 PM	1104507-006A	04/18/11 4:50 PM	04/18/11	04/19/11 7:32 PM
1104507-007A	04/18/11 4:45 PM	04/18/11	04/19/11 9:48 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57739 WorkOrder 1104507

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104507-007A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	121	118	2.15	124	122	1.91	70 - 130	20	70 - 130	20
MTBE	ND	0.10	113	113	0	113	105	7.33	70 - 130	20	70 - 130	20
Benzene	ND	0.10	91.1	94.1	3.23	92.8	90.4	2.65	70 - 130	20	70 - 130	20
Toluene	ND	0.10	89.2	92	3.04	90.2	88.3	2.09	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	90.5	94.3	4.19	91.4	89.6	2.00	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	90.5	93.7	3.47	91.5	89.5	2.19	70 - 130	20	70 - 130	20
%SS:	83	0.10	89	80	10.0	91	89	2.17	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57739 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104507-001A	04/18/11 12:35 PM	04/18/11	04/20/11 12:55 AM	1104507-002A	04/18/11 12:40 PM	04/18/11	04/20/11 1:25 AM
1104507-003A	04/18/11 12:45 PM	04/18/11	04/20/11 2:54 AM	1104507-004A	04/18/11 1:35 PM	04/18/11	04/20/11 3:23 AM
1104507-005A	04/18/11 1:30 PM	04/18/11	04/20/11 3:53 AM	1104507-006A	04/18/11 4:50 PM	04/18/11	04/20/11 4:22 AM
1104507-007A	04/18/11 4:45 PM	04/18/11	04/20/11 4:52 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57743 | WorkOrder 1104507

EPA Method SW8270C **Extraction SW3550B** **Spiked Sample ID: 1104506-007A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	70.7	69	2.51	69.6	68.4	1.81	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	80.2	82.2	2.45	75.1	75.1	0	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	70.8	67.9	4.17	75.4	70.2	7.10	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	76.7	73.5	4.14	74.6	74.7	0.0804	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	83.1	82.1	1.17	85	80.2	5.74	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	72	71.3	1.05	66.3	69.8	5.17	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	71.8	69.2	3.68	91	79.5	13.5	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	66.3	64.5	2.78	60.6	58	4.41	30 - 130	30	30 - 130	30
Phenol	ND	4	69.9	68.5	2.08	79.4	73.1	8.23	30 - 130	30	30 - 130	30
Pyrene	ND	2	88.6	82.2	7.45	87.2	83.6	4.19	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	83	81.1	2.34	77.8	79.6	2.29	30 - 130	30	30 - 130	30
%SS1:	94	200	88	85	3.77	101	88	13.9	30 - 130	30	30 - 130	30
%SS2:	105	200	90	87	3.58	106	94	12.1	30 - 130	30	30 - 130	30
%SS3:	96	200	96	96	0	99	96	3.61	30 - 130	30	30 - 130	30
%SS4:	83	200	76	80	5.10	77	76	0.310	30 - 130	30	30 - 130	30
%SS5:	111	200	105	95	10.1	99	97	2.83	30 - 130	30	30 - 130	30
%SS6:	91	200	91	85	7.23	88	92	5.04	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57743 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104507-001A	04/18/11 12:35 PM	04/18/11	04/21/11 8:03 PM	1104507-002A	04/18/11 12:40 PM	04/18/11	04/21/11 9:20 PM
1104507-003A	04/18/11 12:45 PM	04/18/11	04/21/11 10:36 PM	1104507-004A	04/18/11 1:35 PM	04/18/11	04/21/11 11:52 PM
1104507-005A	04/18/11 1:30 PM	04/18/11	04/22/11 1:07 AM	1104507-006A	04/18/11 4:50 PM	04/18/11	04/22/11 2:22 AM
1104507-007A	04/18/11 4:45 PM	04/18/11	04/21/11 10:16 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104507

EPA Method SW6010B	Extraction SW3050B	BatchID: 57701	Spiked Sample ID: 1104507-007A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	9.3	50	107	108	1.07	10	84.2	92.5	9.43	75 - 125	25	75 - 125	25
%SS:	113	500	113	115	2.28	500	111	114	2.31	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57701 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104507-001A	04/18/11 12:35 PM	04/18/11	04/19/11 11:49 AM	1104507-002A	04/18/11 12:40 PM	04/18/11	04/19/11 11:52 AM
1104507-003A	04/18/11 12:45 PM	04/18/11	04/19/11 3:05 PM	1104507-004A	04/18/11 1:35 PM	04/18/11	04/19/11 12:00 PM
1104507-005A	04/18/11 1:30 PM	04/18/11	04/19/11 12:02 PM	1104507-006A	04/18/11 4:50 PM	04/18/11	04/19/11 12:04 PM
1104507-007A	04/18/11 4:45 PM	04/18/11	04/19/11 11:16 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/20/11
		Date Received: 04/20/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/22/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/22/11

WorkOrder: 1104581

April 22, 2011

Dear Peter:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#730482302; 5812 Hollis St.,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104581

RUSH

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob Milano
Recorder (Signature Required):

Turnaround Time: 72 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-g/d/mo	SVOCs	Lead	Silica gel clean-up	Hold	Remarks
EP-1	4-20-11	1100		X						X		X	X	X	X		

Relinquished by: (Signature)	Date 4-20-11	Time 1315	Received by: (Signature)	Date 4/20/11	Time 1315
Relinquished by: (Signature)	Date 4/20/11	Time 1430	Received by: (Signature)	Date 4/20/11	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/20/11	Time 1430

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 005244

ICE/T 7.6
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ___ PRESERVED IN LAB ___
DECHLORINATED IN LAB ___

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104581 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St.

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 3 days

Date Received: **04/20/2011**
Date Printed: **04/20/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104581-001	EP-1	Soil	4/20/2011 11:00	☐	A	A	A									

Test Legend:

1	8270D_S	2	PB_S	3	TPH(DMO)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Maria Venegas

Comments: SEND HARD COPY. 72hr Rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **4/20/2011 2:48:12 PM**

Project Name: **#730482302; 5812 Hollis St.**
Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **1104581** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 7.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/20/11
		Date Received: 04/20/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/20/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104581

Lab ID	1104581-001A
Client ID	EP-1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	90
%SS3:	94	%SS4:	76
%SS5:	72	%SS6:	91

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/20/11
		Date Received: 04/20/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/20/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/21/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104581

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	EP-1	S	ND	1	86	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/20/11
		Date Received: 04/20/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/20/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104581

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104581-001A	EP-1	S	TOTAL	8.6	1	93	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 04/20/11
		Date Received: 04/20/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/20/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/21/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104581

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104581-001A	EP-1	S	ND	ND	1	105	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57743 | WorkOrder 1104581

EPA Method SW8270C | **Extraction SW3550B** | **Spiked Sample ID: 1104506-007A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	70.7	69	2.51	69.6	68.4	1.81	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	80.2	82.2	2.45	75.1	75.1	0	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	70.8	67.9	4.17	75.4	70.2	7.10	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	76.7	73.5	4.14	74.6	74.7	0.0804	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	83.1	82.1	1.17	85	80.2	5.74	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	72	71.3	1.05	66.3	69.8	5.17	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	71.8	69.2	3.68	91	79.5	13.5	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	66.3	64.5	2.78	60.6	58	4.41	30 - 130	30	30 - 130	30
Phenol	ND	4	69.9	68.5	2.08	79.4	73.1	8.23	30 - 130	30	30 - 130	30
Pyrene	ND	2	88.6	82.2	7.45	87.2	83.6	4.19	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	83	81.1	2.34	77.8	79.6	2.29	30 - 130	30	30 - 130	30
%SS1:	94	200	88	85	3.77	101	88	13.9	30 - 130	30	30 - 130	30
%SS2:	105	200	90	87	3.58	106	94	12.1	30 - 130	30	30 - 130	30
%SS3:	96	200	96	96	0	99	96	3.61	30 - 130	30	30 - 130	30
%SS4:	83	200	76	80	5.10	77	76	0.310	30 - 130	30	30 - 130	30
%SS5:	111	200	105	95	10.1	99	97	2.83	30 - 130	30	30 - 130	30
%SS6:	91	200	91	85	7.23	88	92	5.04	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57743 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104581-001A	04/20/11 11:00 AM	04/20/11	04/21/11 5:16 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57720 WorkOrder 1104581

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104453-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	99.5	103	3.37	101	99.6	0.934	70 - 130	20	70 - 130	20
MTBE	ND	0.10	109	106	3.39	106	107	0.515	70 - 130	20	70 - 130	20
Benzene	ND	0.10	105	104	0.374	105	104	1.09	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.1	92.1	0	92	90.8	1.26	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	94.1	94.6	0.490	93.6	92.4	1.25	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	106	107	0.969	106	104	1.99	70 - 130	20	70 - 130	20
%SS:	97	0.10	108	106	2.74	105	106	1.03	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57720 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104581-001A	04/20/11 11:00 AM	04/20/11	04/21/11 3:11 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104581

EPA Method SW6010B	Extraction SW3050B	BatchID: 57805	Spiked Sample ID: 1104581-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	8.6	50	89	88.8	0.236	10	98.3	92.8	5.78	75 - 125	25	75 - 125	25
%SS:	93	500	106	103	2.01	500	102	98	3.25	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57805 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104581-001A	04/20/11 11:00 AM	04/20/11	04/21/11 1:44 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57810 WorkOrder 1104581

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104581-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	114	114	0	92.6	90.9	1.89	70 - 130	30	70 - 130	30
%SS:	105	25	104	102	1.08	92	93	1.15	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57810 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104581-001A	04/20/11 11:00 AM	04/20/11	04/21/11 1:56 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/26/11
		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/27/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/27/11

WorkOrder: 1104725

April 27, 2011

Dear Peter:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#730482302; 5812 Hollis St,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1104725

RUSH

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: Peter Cusack
Samplers: Rob McLaren
Recorder (Signature Required):

Turnaround Time: 24 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-gas (MW)	BTEX	MTBE	Lead	Silica gel clean-up	Hold	Remarks
B-1-17	4-26-11	1055		X						X		X	X	X	X	X		

ICE/t° 7.0
GOOD CONDITION ___ APPROPRIATE CONTAINERS ___
HEAD SPACE ABSENT ___ PRESERVED IN LAB ___
DECHLORINATED IN LAB ___ VOAS | O&G | METALS | OTHER
PRESERVATION ___

Relinquished by: (Signature)	Date 4-26-11	Time 1415	Received by: (Signature)	Date 4/26/11	Time 1915
Relinquished by: (Signature)	Date 4/26/11	Time 1700	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/26/11	Time 1700

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 005245

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104725 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 1 day

Date Received: **04/26/2011**
Date Printed: **04/26/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104725-001	B-1-17	Soil	4/26/2011 10:55	☐	A	A	A									

Test Legend:

1	G-MBTEX_S	2	PB_S	3	TPH(DMO)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: SEND HARD COPY 24hr rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **4/26/2011 5:30:40 PM**
Project Name: **#730482302; 5812 Hollis St**
Checklist completed and reviewed by: Ana Venegas
WorkOrder N°: **1104725** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 7°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/26/11
		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/26/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/27/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1104725

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-1-17	S	ND	ND	ND	ND	ND	ND	1	86	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/26/11
		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/26/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/27/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104725

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104725-001A	B-1-17	S	TOTAL	5.2	1	108	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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Angela Rydelius, Lab Manager

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		Date Received: 04/26/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/26/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/27/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104725

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104725-001A	B-1-17	S	ND	ND	1	101	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L	
	S	1.0	5.0	mg/Kg	

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57866 WorkOrder 1104725

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104662-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	92.1	99.3	7.57	93.3	84.2	10.2	70 - 130	20	70 - 130	20
MTBE	ND	0.10	95.2	94.7	0.485	100	86.1	15.0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.8	94.8	5.43	101	92.4	8.62	70 - 130	20	70 - 130	20
Toluene	ND	0.10	79.8	86.1	7.59	88.7	82.4	7.34	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	82.4	89.9	8.65	90.4	84.4	6.87	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	94.4	104	10.0	102	95.9	6.21	70 - 130	20	70 - 130	20
%SS:	92	0.10	90	102	12.5	108	99	9.45	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57866 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104725-001A	04/26/11 10:55 AM	04/26/11	04/27/11 11:32 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

McCampbell Analytical, Inc.
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1534 Willow Pass Road, Pittsburg, CA 94565-1701
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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104725

EPA Method SW6010B	Extraction SW3050B	BatchID: 57934	Spiked Sample ID: 1104725-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	5.2	50	112	102	8.96	10	101	101	0	75 - 125	25	75 - 125	25
%SS:	108	500	113	110	2.42	500	108	109	1.52	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57934 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104725-001A	04/26/11 10:55 AM	04/26/11	04/27/11 1:34 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57933 WorkOrder 1104725

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104725-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	125	126	1.09	104	97.5	6.21	70 - 130	30	70 - 130	30
%SS:	101	25	117	117	0	93	86	7.53	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57933 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104725-001A	04/26/11 10:55 AM	04/26/11	04/27/11 9:01 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/28/11
		Date Received: 04/28/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 04/29/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 04/29/11

WorkOrder: 1104805

April 29, 2011

Dear Peter:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#730482302; 5812 Hollis St,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

RUSH

1104805

Treadwell&Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 130482302
Project Manager\Contact: P Cusack
Samplers: P Cusack
Recorder (Signature Required): Phil Crouch

Turnaround Time 24 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Water	Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPH-d, MO	8260 VOCs	Lead	Silica gel clean-up	Hold	Remarks
B-15-17.5'	4/28/11	11:22AM		X						X		X	X	X			

ICE / t° 10.2
GOOD CONDITION ___ APPROPRIATE CONTAINERS ___
HEAD SPACE ABSENT ___ PRESERVED IN LAB ___
DECHLORINATED IN LAB ___
PRESERVATION VOAS | O&G | METALS | OTHER

Relinquished by: (Signature) Phil Crouch	Date 4/28/11	Time 1315	Received by: (Signature)	Date 4/28/11	Time 1315
Relinquished by: (Signature)	Date 4/28/11	Time 1430	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 4/28/11	Time 1430

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment ☒ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS
☐ Hand Carried ☐ Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 005226

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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1104805 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 1 day

Date Received: **04/28/2011**
Date Printed: **04/28/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1104805-001	B-15-17.5'	Soil	4/28/2011 11:22	☐	A	A	A									

Test Legend:

1	8270D_S	2	G-MBTEX_S	3	PB_S	4		5	
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Ana Venegas

Comments: SEND HARD COPY 24hr rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **4/28/2011 2:25:36 PM**

Project Name: **#730482302; 5812 Hollis St**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **1104805** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 10.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/28/11
		Date Received: 04/28/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/28/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/28/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1104805

Lab ID	1104805-001A
Client ID	B-15-17.5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	100	%SS2:	105
%SS3:	109	%SS4:	94
%SS5:	91	%SS6:	81

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/28/11
		Date Received: 04/28/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/28/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 04/29/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104805

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	B-15-17.5'	S	79	10	76	d7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/28/11
		Date Received: 04/28/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/28/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/28/11

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104805

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1104805-001A	B-15-17.5'	S	TOTAL	9.1	1	109	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St	Date Sampled: 04/28/11
		Date Received: 04/28/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 04/28/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 04/28/11

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550B Analytical methods: SW8015B Work Order: 1104805

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1104805-001A	B-15-17.5'	S	270	61	1	110	e1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L	
	S	1.0	5.0	mg/Kg	

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e1) unmodified or weakly modified diesel is significant

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Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57866 WorkOrder 1104805

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104662-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	92.1	99.3	7.57	93.3	84.2	10.2	70 - 130	20	70 - 130	20
MTBE	ND	0.10	95.2	94.7	0.485	100	86.1	15.0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.8	94.8	5.43	101	92.4	8.62	70 - 130	20	70 - 130	20
Toluene	ND	0.10	79.8	86.1	7.59	88.7	82.4	7.34	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	82.4	89.9	8.65	90.4	84.4	6.87	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	94.4	104	10.0	102	95.9	6.21	70 - 130	20	70 - 130	20
%SS:	92	0.10	90	102	12.5	108	99	9.45	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57866 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104805-001A	04/28/11 11:22 AM	04/28/11	04/29/11 11:16 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 57948 | WorkOrder 1104805

EPA Method SW8270C **Extraction SW3550B** **Spiked Sample ID: 1104750-017A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND<1.6	2	71.2	71.2	0	75.2	76.3	1.42	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<1.6	4	75.8	76	0.198	77.6	74.8	3.74	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<1.6	4	89.2	93.3	4.58	92.5	91.5	1.09	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<1.6	2	92.2	93.6	1.61	91.3	90.2	1.17	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<1.6	2	77.8	76.8	1.29	87.6	85.6	2.37	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<8.0	4	93.3	92.4	0.996	84.8	76.2	10.6	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<1.6	2	111	111	0	109	107	1.79	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<8.0	4	61.6	56.2	9.12	32.2	34.9	8.19	30 - 130	30	30 - 130	30
Phenol	ND<1.6	4	65	63.6	2.18	85.8	85.6	0.140	30 - 130	30	30 - 130	30
Pyrene	ND<1.6	2	71.9	71.6	0.488	75	77.1	2.68	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<1.6	2	83.8	85.2	1.72	88.2	87.8	0.546	30 - 130	30	30 - 130	30
%SS1:	82	200	82	83	1.06	84	82	2.47	30 - 130	30	30 - 130	30
%SS2:	81	200	69	71	1.91	90	90	0	30 - 130	30	30 - 130	30
%SS3:	89	200	89	90	0.877	98	98	0	30 - 130	30	30 - 130	30
%SS4:	78	200	79	79	0	87	87	0	30 - 130	30	30 - 130	30
%SS5:	95	200	100	103	2.13	102	101	0.286	30 - 130	30	30 - 130	30
%SS6:	72	200	72	72	0	80	80	0	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57948 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104805-001A	04/28/11 11:22 AM	04/28/11	04/28/11 5:49 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104805

EPA Method SW6010B	Extraction SW3050B	BatchID: 57934	Spiked Sample ID: 1104725-001A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	5.2	50	112	102	8.96	10	101	101	0	75 - 125	25	75 - 125	25
%SS:	108	500	113	110	2.42	500	108	109	1.52	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57934 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104805-001A	04/28/11 11:22 AM	04/28/11	04/28/11 10:17 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57932 WorkOrder 1104805

EPA Method SW8015B **Extraction SW3550B** **Spiked Sample ID: 1104723-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	6.0	40	106	108	1.39	106	104	2.07	70 - 130	30	70 - 130	30
%SS:	100	25	103	103	0	99	94	5.30	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57932 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104805-001A	04/28/11 11:22 AM	04/28/11	04/28/11 6:55 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: 5812 Hollis St	Date Sampled: 05/03/11
		Date Received: 05/03/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 05/04/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 05/04/11

WorkOrder: 1105078

May 04, 2011

Dear Peter:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **5812 Hollis St,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1105078

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number:
Project Manager\Contact:
Samplers:
Recorder (Signature Required):

Turnaround Time: 24 HOUR

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPHg & MO	Analysis Requested: 8VOCs	Silica gel clean-up	Hold	Remarks
B-15-19	5/3/11	11:00am		X						X		X	X	X		

ICE / t° 5 V
GOOD CONDITION ___ APPROPRIATE CONTAINERS ___
HEAD SPACE ABSENT ___
DECHLORINATED IN LAB ___ PRESERVED IN LAB ___
PRESERVATION VOAS | O & G | METALS | OTHER

Relinquished by: (Signature)	Date 5/3/11	Time 1330	Received by: (Signature)	Date 5/3/11	Time 1330
Relinquished by: (Signature)	Date 5/3/11	Time 1730	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 5/3/11	Time 1730

Sent to Laboratory (Name): McCampbell
Laboratory Comments/Notes:

Method of Shipment: [X] Lab courier [ ] Fed Ex [ ] Airborne [ ] UPS [ ] Hand Carried [ ] Private Courier (Co. Name)

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 005227

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1105078 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: 5812 Hollis St

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 1 day

Date Received: **05/03/2011**
Date Printed: **05/03/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1105078-001	B-15-9	Soil	5/3/2011 11:00	☐	A	A										

Test Legend:

1	8270D_S	2	TPH(DMO)WSG_S	3		4		5	
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Ana Venegas

Comments: SEND HARD COPY 24hr rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Treadwell & Rollo**
Date and Time Received: **5/3/2011 7:41:29 PM**

Project Name: **5812 Hollis St**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **1105078** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☐	No ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: 5812 Hollis St	Date Sampled: 05/03/11
		Date Received: 05/03/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 05/03/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 05/04/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1105078

Lab ID	1105078-001A
Client ID	B-15-19
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	80	%SS2:	72
%SS3:	83	%SS4:	69
%SS5:	67	%SS6:	78

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: 5812 Hollis St	Date Sampled: 05/03/11
		Date Received: 05/03/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 05/03/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 05/04/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline *

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1105078

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	B-15-19	S	27	1	101	d7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Treadwell & Rollo	Client Project ID: 5812 Hollis St	Date Sampled: 05/03/11
		Date Received: 05/03/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 05/03/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 05/04/01

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1105078

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1105078-001A	B-15-19	S	100	31	1	108	e1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e1) unmodified or weakly modified diesel is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 58035 | WorkOrder 1105078

EPA Method SW8270C | **Extraction SW3550B** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	N/A	2	N/A	N/A	N/A	67.5	68.2	1.11	N/A	N/A	30 - 130	30
4-Chloro-3-methylphenol	N/A	4	N/A	N/A	N/A	75.1	77	2.56	N/A	N/A	30 - 130	30
2-Chlorophenol	N/A	4	N/A	N/A	N/A	78.2	80.5	2.93	N/A	N/A	30 - 130	30
1,4-Dichlorobenzene	N/A	2	N/A	N/A	N/A	76.4	78.6	2.92	N/A	N/A	30 - 130	30
2,4-Dinitrotoluene	N/A	2	N/A	N/A	N/A	67.6	67.9	0.398	N/A	N/A	30 - 130	30
4-Nitrophenol	N/A	4	N/A	N/A	N/A	50.2	49.9	0.579	N/A	N/A	30 - 130	30
N-Nitrosodi-n-propylamine	N/A	2	N/A	N/A	N/A	60	63.4	5.48	N/A	N/A	30 - 130	30
Pentachlorophenol	N/A	4	N/A	N/A	N/A	30	30.3	0.995	N/A	N/A	30 - 130	30
Phenol	N/A	4	N/A	N/A	N/A	70.3	72.8	3.56	N/A	N/A	30 - 130	30
Pyrene	N/A	2	N/A	N/A	N/A	85.8	76	12.1	N/A	N/A	30 - 130	30
1,2,4-Trichlorobenzene	N/A	2	N/A	N/A	N/A	85.4	86.7	1.58	N/A	N/A	30 - 130	30
%SS1:	N/A	200	N/A	N/A	N/A	72	71	2.37	N/A	N/A	30 - 130	30
%SS2:	N/A	200	N/A	N/A	N/A	71	73	3.43	N/A	N/A	30 - 130	30
%SS3:	N/A	200	N/A	N/A	N/A	77	81	4.79	N/A	N/A	30 - 130	30
%SS4:	N/A	200	N/A	N/A	N/A	67	67	0	N/A	N/A	30 - 130	30
%SS5:	N/A	200	N/A	N/A	N/A	62	63	0.392	N/A	N/A	30 - 130	30
%SS6:	N/A	200	N/A	N/A	N/A	77	74	4.70	N/A	N/A	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58035 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105078-001A	05/03/11 11:00 AM	05/03/11	05/04/11 2:42 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57996 WorkOrder 1105078

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104808-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	121	118	2.51	117	113	3.66	70 - 130	20	70 - 130	20
MTBE	ND	0.10	98.2	102	4.16	93.4	106	12.6	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.2	92.1	3.27	88.5	95.5	7.55	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.8	91.3	2.74	87.8	94	6.85	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.7	92.8	3.49	88.8	95.2	7.04	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.7	92.3	2.86	88	94.4	7.00	70 - 130	20	70 - 130	20
%SS:	90	0.10	79	81	2.75	80	84	5.70	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57996 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105078-001A	05/03/11 11:00 AM	05/03/11	05/04/11 7:16 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57986 WorkOrder 1105078

EPA Method SW8015B **Extraction SW3550B/3630C** **Spiked Sample ID: 1104794-026A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	106	106	0	100	103	2.69	70 - 130	30	70 - 130	30
%SS:	109	25	91	90	0.783	84	88	4.51	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57986 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105078-001A	05/03/11 11:00 AM	05/03/11	05/04/01 3:07 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 05/05/11
		Date Received: 05/05/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Reported: 05/06/11
San Francisco, CA 94111	Client P.O.:	Date Completed: 05/06/11

WorkOrder: 1105116

May 06, 2011

Dear Peter:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#730482302; 5812 Hollis St.,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1105116

RUSH

Treadwell&Rollo

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

☒ 555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
☐ 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
☐ 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: 5812 Hollis St
Job Number: 730482302
Project Manager\Contact: P Cusick
Samplers: P Cusick
Recorder (Signature Required): Peter Cusick

Turnaround Time: ASAP Rush
Same Day Rush for TPH

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix: Soil	Matrix: Water	Matrix: Other	No. Containers & Preservative: HCL	H_2SO_4	HNO_3	Ice	Other	Analysis Requested: TPHg, BTEX, MTBE, 5 VOCs	Silica gel clean-up	Hold	Remarks
B-15-20	5/5/11	8:50		X						X		X			

Relinquished by: (Signature) Peter Cusick	Date 5/5/11	Time 10:03	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by Lab: (Signature)	Date 5/6/11	Time 1003

Sent to Laboratory (Name):
Laboratory Comments/Notes:

Method of Shipment: ☐ Lab courier ☐ Fed Ex ☐ Airborne ☐ UPS ☒ Hand Carried ☐ Private Courier (Co. Name)

ICE/t° 20.8 ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field

COC Number: 005259

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1105116 **ClientCode: TWRF**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111
(415) 955-5244 FAX (415) 955-9041

Email: pjcusack@treadwellrollo.com
cc:
PO:
ProjectNo: #730482302; 5812 Hollis St.

Bill to:
Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 0 day

Date Received: **05/05/2011**
Date Printed: **05/05/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1105116-001	B-15-20	Soil	5/5/2011 8:50	☐	A	A										

Test Legend:

1	8270D_S	2	G-MBTEX_S	3		4		5	
6		7		8		9		10	
11		12							

The following SampID: 001A contains testgroup.

Prepared by: Maria Venegas

Comments: SEND HARD COPY. SAMEDAY RUSH/24hr

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Treadwell & Rollo**

Date and Time Received: **5/5/2011 10:04:10 AM**

Project Name: **#730482302; 5812 Hollis St.**

Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **1105116** Matrix Soil

Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 20.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☐	No ☑	

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 05/05/11
		Date Received: 05/05/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 05/05/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 05/06/11

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B Analytical Method: SW8270C Work Order: 1105116

Lab ID	1105116-001A
Client ID	B-15-20
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	106	%SS2:	106
%SS3:	107	%SS4:	100
%SS5:	101	%SS6:	94

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

#) surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 05/05/11
		Date Received: 05/05/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 05/05/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed 05/05/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1105116

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	B-15-20	S	ND	1	82	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Treadwell & Rollo	Client Project ID: #730482302; 5812 Hollis St.	Date Sampled: 05/05/11
		Date Received: 05/05/11
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 05/05/11
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 05/05/11

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550B Analytical methods: SW8015B Work Order: 1105116

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1105116-001A	B-15-20	S	2.8	ND	1	111	e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 58035 WorkOrder 1105116

EPA Method SW8270C **Extraction SW3550B** **Spiked Sample ID: 1105016-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	65.9	64.9	1.61	67.5	68.2	1.11	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	77	75.1	2.48	75.1	77	2.56	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	78.7	75.8	3.72	78.2	80.5	2.93	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	76.6	74.3	3.01	76.4	78.6	2.92	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	65.8	64.5	2.04	67.6	67.9	0.398	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	67.9	69.7	2.52	50.2	49.9	0.579	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	68.8	69.2	0.652	60	63.4	5.48	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	39.3	36.5	7.32	30	30.3	0.995	30 - 130	30	30 - 130	30
Phenol	ND	4	70.4	64.2	9.19	70.3	72.8	3.56	30 - 130	30	30 - 130	30
Pyrene	ND	2	77.1	74.9	2.91	85.8	76	12.1	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	88.3	84.9	3.93	85.4	86.7	1.58	30 - 130	30	30 - 130	30
%SS1:	67	200	73	71	2.47	72	71	2.37	30 - 130	30	30 - 130	30
%SS2:	66	200	65	56	13.6	71	73	3.43	30 - 130	30	30 - 130	30
%SS3:	75	200	82	79	3.64	77	81	4.79	30 - 130	30	30 - 130	30
%SS4:	62	200	66	65	0.810	67	67	0	30 - 130	30	30 - 130	30
%SS5:	80	200	71	67	5.41	62	63	0.392	30 - 130	30	30 - 130	30
%SS6:	53	200	75	73	3.41	77	74	4.70	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58035 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105116-001A	05/05/11 8:50 AM	05/05/11	05/06/11 1:19 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and / or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix, sample diluted due to high matrix or analyte content, or MS/MSD samples diluted due to high organic content.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

McCampbell Analytical, Inc.
"When Quality Counts"

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57996 WorkOrder 1105116

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 1104808-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	121	118	2.51	117	113	3.66	70 - 130	20	70 - 130	20
MTBE	ND	0.10	98.2	102	4.16	93.4	106	12.6	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.2	92.1	3.27	88.5	95.5	7.55	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.8	91.3	2.74	87.8	94	6.85	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.7	92.8	3.49	88.8	95.2	7.04	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.7	92.3	2.86	88	94.4	7.00	70 - 130	20	70 - 130	20
%SS:	90	0.10	79	81	2.75	80	84	5.70	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 57996 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105116-001A	05/05/11 8:50 AM	05/05/11	05/05/11 12:25 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 58090 WorkOrder 1105116

EPA Method SW8015B **Extraction SW3550B** **Spiked Sample ID: 1105065-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	1.9	40	96.4	101	4.76	126	112	12.4	70 - 130	30	70 - 130	30
%SS:	97	25	91	96	4.99	89	89	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58090 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105116-001A	05/05/11 8:50 AM	05/05/11	05/05/11 10:56 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.