WAREHAM
PROPERTY GROUP

5 May 2011
Project No. 730482302

Ms. Barbara Jakub, P.G.
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject: Summary of Soil and Groundwater Analytical Results
Fuel Leak Case Number RO0000201
Hydraulic Electro Service
5812 Hollis Street
Emeryville, California

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 Soil and Groundwater Analytical Results, Fuel Leak Case Number RO0000201, Hydraulic Electro Service, 5812 Hollis Street, Emeryville, California,* are true and correct to the best of my knowledge.

Sincerely yours,

Geoffrey B. Sears

Geoffrey B. Sears
WAREHAM PROPERTY GROUP

Attachment

Treadwell&Rollo
A LANGAN COMPANY

MEMORANDUM

TO: Ms. Barbara J. Jakub, P. G. – Alameda County Environmental Health

CC: Mr. Geoff Sears – Wareham Development

FROM: Peter J. Cusack, REA
Philip G. Smith, REA
Grover Buhr, P.G.
Treadwell & Rollo, Inc.

PROFESSIONAL GEOLOGIST
GROVER BUHR
No. 5596
STATE OF CALIFORNIA

DATE: 5 May 2011

PROJECT: EmeryStation Greenway
5812 Hollis Street
Emeryville, California
730482302

SUBJECT: Summary of Soil and Groundwater Analytical Results
Fuel Leak Case Number RO0000201
Hydraulic Electro Service
5812 Hollis Street
Emeryville, California

Introduction

On behalf of EmeryStation Triangle II LLC, this memorandum presents the analytical results of verification sampling performed at the EmeryStation Greenway project at 5812 Hollis Street (Site) in Emeryville, California. Per our telephone calls and emails, we are transmitting this memorandum with the analytical results of the verification sampling performed at the Site to supplement our 17 September 2010 case closure request and obtain case closure. 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 southern tip of the Site is at the intersection of Hollis Street and Powell Street.

The Site is an approximate one-acre triangular-shaped parcel located at the intersection of Hollis and Powell Streets (Figure 1), and was historically operated as a dismantling yard. An underground fuel storage tank (UST) was installed in 1977 in the northern portion of the property for fleet fueling operations. This UST was removed in 1989. Prior to the excavation activities now in progress, 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.

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 below ground surface (bgs), with the excavation extending to just beyond the property lines to the east and west. 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.

Numerous investigation activities have been conducted at the Site, and contaminants found at the Site from past use activities included metals (lead) above background levels, some semi-volatile and volatile organic compounds, and petroleum hydrocarbons in the soil and groundwater. Metals and volatile organic compound contamination were found primarily in shallow soil in specific localized areas within the former dismantling yard. Petroleum hydrocarbon-impacted soil and groundwater were found in the immediate vicinity of the former UST. The California Department of Toxic Substances Control (DTSC) is the regulatory oversight agency for the impacted soil not associated with the USTs. Alameda County Environmental Health (ACEH) is the lead oversight agency for the former UST closures, including petroleum hydrocarbon constituents in soil or groundwater associated with the former 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 ensure 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. Based on a telephone conversation on 11 October 2011 with Ms. Nina Bacey of DTSC regarding sidewall sampling, Ms. Bacey agreed to change the sidewall sampling frequency from collecting a sidewall sample every 25 horizontal feet and 3 vertical feet to a sidewall sample every 50 horizontal feet and vertical 5 feet vertical.

During demolition of the building slab in the southern part of the Site, a second UST was uncovered underneath the northern portion of the slab, in the east-central portion of the Site (Figure 2). The 1,100-gallon 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.

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 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 leaking USTs at the Site. In a letter dated 23 December 2010, ACEH stated that it would consider case closure of the fuel leak site 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 asses any groundwater contamination. These samples were collected by the dewatering contractor in compliance with NPDES permit requirements.

The general contractor for the Site is DPR Construction, Inc. of Redwood City, California (DPR). The excavation subcontractor for the soil removal and disposal is PSEC. The construction activities involving soil handling began with targeted excavation activities in August 2010 and were completed in May 2011.

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.

Soil Analytical Results

As stated in the approved SMP, confirmation testing of sidewalls and floor of the final excavation was required to establish 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 total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M, TPH as diesel (TPH-d) and as motor oil (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 were collected at the Site with fifteen sidewall samples (P5-1 through P5-15) collected at 5 feet below the ground surface (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 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 at approximate depths of 17 feet and 17.5 feet bgs (B-1-17 and B-15-17.5) between the period of 15 April 2011 through 28 April 2011.

The analytical results are presented in Tables 1 through 3 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.

Residential Screening Levels (SLs) (residential California Human Health Screening Level [CHSSL] for lead) are used as the cleanup goals 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 milligrams per kilograms (mg/kg), TPHmo at 370 mg/kg, lead at 80 mg/kg, and SVOCs cleanup levels vary per compound.

The soil analytical results are presented in Tables 1 and 2. Analytical results of the soil sample collected beneath the former USTs located in the northern area of the Site that was removed in 1989 (B-1-15) detected TPHg at a concentration of 5.2 mg/kg, TPHd at a concentration of 210 mg/kg, THPmo at a concentration of 160 mg/kg, and total lead at a concentration of 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 sample was collected at a depth of approximately 17 feet bgs. Bottom sample B-1-17 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 and removed in 2010 (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.

Groundwater Analytical Results

The Site currently has a National Pollutant Discharge Elimination System (NPDES) permit from the San Francisco Bay Regional Water Quality Control Board (RWQCB) in place and is operating a dewatering system. The dewatering system consists 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. The settling tank and carbon units are located on Hollis Street adjacent to the Site. Per the NPDES permit, sampling of the influent and effluent is analyzed for petroleum hydrocarbons, VOCs, SVOCs, metals, pH, total dissolved solids, and turbidity, initially on a monthly basis and subsequently reduced to quarterly. Brighton Environmental Consulting of Oakland, California has been retained by PSEC to oversee and perform the compliance sampling and testing per the NPDES permit requirements. A copy of the March 2010 NPDES Self-Monitoring Report is provided in Appendix B.

The groundwater analytical results are presented in Table 3. As of 26 April 2011, a total of four groundwater samples were collected from the Site's dewatering system prior to any treatment. Analytical results of the initial water sample (DW-1-2/8/11) detected TPHg at a concentration of 63 ug/L, TPHd at a concentration of 97 ug/L, toluene at a concentration of 1.4 ug/L and total xylenes at a concentration of 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 collected by Brighton Environmental Consulting detected TPHmo at a concentration of 51 ug/L and toluene at a concentration of 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 Brighton Environmental Consulting's sample INF-001- 3/7/11 at a concentration of 24 ug/L. Treadwell & Rollo collected an additional groundwater sample on 26 April 2011 (DW-1-4/26/11) and no petroleum constituents were detected at or above the method reporting limits.

In our opinion, based on the influent results, any contaminants potentially present in association with releases from the historic USTs has been removed and treated by the construction dewatering system. 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.

Summary

The results of soil confirmation sampling satisfy the established remedial goals and as such the Site is a candidate for case closure. We understand that obtaining an official case closure letter with take some time, so we are requesting communication that at this time we have completed the requirements for case closure. The slab will be poured in less than two weeks. In light of this and in recognition of your administrative process requirements, it would be best for us to speak by telephone to affirm that we have provided all you require for your closure review. I will contact you tomorrow to set up a time for a call next week.

Thanks for all your help with this important redevelopment project.

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.

Attachments: Tables
Figures
Appendix A - Certified Analytical Laboratory Reports and Chain-of-Custody Records
Appendix B – March 2010 NPDES Self-Monitoring Report

730482302.02 PJC

Treadwell&Rollo
A LANGAN COMPANY

TABLES

Table 1
Confirmation Soil Samples
Analytical Results for Petroleum Hydrocarbons
EmeryStation Greenway
5812 Hollis Street
Emeryvile, 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-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
Emeryvile, 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

Table 4
Confirmation Soil Samples
Analytical Results for Total Metals
EmeryStation Greenway
5812 Hollis Street
Emeryvile, California
Project: 730482302

Sample ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		mg/kg																
DW-1	02/08/11	< 0.5	< 0.5	< 5.0	< 0.5	< 0.25	< 0.5	< 0.5	< 0.5	< 0.5	< 0.025	< 0.5	< 0.5	< 0.5	< 0.19	< 0.5	< 0.5	< 5.0

Notes:
All results are reported in milligrams per kilogram (mg/kg)
-- Not analyzed
< 0.5 - Analyte was not detected above the laboratory reporting limit (0.5 mg/kg)
TTLC - Total Threshold Limited Concentration
STLC - Soluble Threshold Limited Concentration
TCLP - Toxicity Characteristic Leaching Procedure

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

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

P5-11
P10-11

B-14-15

Ramp

Legend

- Confirmation Sample Location
- Former UST Location
- Existing Building Footprint
- Walkway
- Road Edge

N

0 15 30 60

Feet

\\langan.com\data\SF\data3\730482302\Engineering Data\Environmental\Illustrator\Confirmation Soil Sampling.ai

EMERYSTATION GREENWAY
5812 HOLLIS SREET
Emeryville, California

Treadwell&Rollo
A LANGAN COMPANY

CONFIRMATION SOIL SAMPLING LOCATIONS

Date 05/05/11	Project 730482302	Figure 2

APPENDIX A

Certified Analytical Laboratory Reports and Chain-of-Custody Records

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.
"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 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.

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 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.

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 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.

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 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.

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 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

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

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 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

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

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 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

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

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 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

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

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 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: 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

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: 04/05/11
		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

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: 04/05/11
		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

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 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.

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 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

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: 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.

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 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.

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: 04/05/11
		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

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: 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:
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
1104220-015	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"

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 7:38:08 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:

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 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.

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 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.

a3) sample diluted due to high organic 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

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: 04/11/11

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.

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 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.

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 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

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

a3) sample diluted due to high organic 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

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

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

a3) sample diluted due to high organic 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

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

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

a3) sample diluted due to high organic 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

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	1104220-008A
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.
"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 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.

a3) sample diluted due to high organic 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

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: 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.

a3) sample diluted due to high organic 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

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	1104220-011A
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.

a3) sample diluted due to high organic 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

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	1104220-012A
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

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

a3) sample diluted due to high organic 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

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: 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.

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 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.

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 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.

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 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

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: 04/05/11
		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: 04/08/11-04/11/11

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

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: 04/05/11
		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: 04/08/11-04/11/11

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

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: 04/05/11
		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: 04/08/11-04/14/11

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

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 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

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 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.

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: 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.

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: 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.

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 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.

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 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

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 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.

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 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.

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: **4/15/2011 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:

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 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.

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 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.

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 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.

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 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.

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 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.

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 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.

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 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.

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 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	1104453-008A
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.

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 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.

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 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

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 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

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 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

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 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.

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: 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.

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 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"
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: 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"
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 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

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 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"

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: 04/19/11
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.

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 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.
"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: 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.
"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: 04/18/11
		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:

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: 04/18/11
		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.

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: 04/18/11
		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.

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: 04/18/11
		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	1104506-003A
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.

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: 04/18/11
		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	1104506-004A
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.

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: 04/18/11
		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.

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: 04/18/11
		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.

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: 04/18/11
		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.

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: 04/18/11
		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

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: 04/18/11
		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

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: 04/18/11
		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

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 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"

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 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"
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 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.

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: 04/18/11
		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"

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: #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:

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: #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.

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: #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.

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: #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.

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: #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.

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: #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.

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: #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.

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: #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.

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: #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

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: #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

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: #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

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 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

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: 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

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 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.

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 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

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 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.

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: **4/20/2011 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:

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

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.

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

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.
"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

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

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 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.

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 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.

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 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

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 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

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: 04/26/11
		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.

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: **4/26/2011 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:

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: 04/26/11
		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:

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: 04/26/11
		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

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: 04/26/11
		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 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:

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: 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.
"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 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.

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 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

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: 04/28/11
		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

McCampbell Analytical, Inc.
1534 Willow Pass Rd
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.

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: **4/28/2011 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:

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: 04/28/11
		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.

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: 04/28/11
		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

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: 04/28/11
		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

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: 04/28/11
		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

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: 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.

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 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.
"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 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

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 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

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: 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.

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: **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.
"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: 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.

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: 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

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: 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.
"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 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.
"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: 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.

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 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

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.

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: **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.

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 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"

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 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.

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 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

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 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.
"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 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.

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 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

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 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

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 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.

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: 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.

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: 04/26/11
		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.

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: **4/26/2011 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:

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: 04/26/11
		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"

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: 04/26/11
		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

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: 04/26/11
		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:

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: 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.

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: 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.

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 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

Treadwell&Rollo
A LANGAN COMPANY

Appendix B

March 2010 NPDES Self-Monitoring Report

NPDES SELF-MONITORING REPORT
TREATMENT SYSTEM STARTUP
FIRST QUARTER 2011
GENERAL PERMIT CAG912002
SFRWQCB ORDER R2-2006-0075
Construction Dewatering Treatment System
Greenway Phase II
5812 Hollis Street
Emeryville, California

Geotracker Site ID T0600101109
CIWQS Place ID 753920

Rev. 0 – March 30, 2011

March 2010

Prepared on Behalf of

Pacific States Environmental Contractors, Inc.
11555 Dublin Boulevard
Dublin, California 94568

Prepared for

EmeryStation Triangle 2, LLC
Greenway Phase II
1120 Nye Street, Suite 400
San Rafael, CA 94901

Prepared by

BRIGHTON Environmental Consulting
Civil and Environmental Engineering

3815 Brighton Avenue, Oakland, California 94602
broat@earthlink.net, **510.919.4358**

TABLE OF CONTENTS

SECTION **PAGE**

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

BRIGHTON Environmental Consulting
Civil and Environmental Engineering

SIGNATURE PAGE

All engineering information, conclusions, and recommendations contained in this report have been prepared by a California Professional Engineer.

Robert E Roat

Robert E. Roat, P.E.
California Professional Engineer (53593)

3/31/11
Date

1.0 INTRODUCTION

This NPDES Start-up and First Quarter 2011 Self-Monitoring Report (SMR) has been prepared by Brighton Environmental Consulting to present the startup results and first quarter 2011 results of the National Pollutant Discharge Elimination System (NPDES) Self-Monitoring Program for the temporary construction dewatering and treatment system ("the Treatment System") at 5812 Hollis Street in Emeryville, California. Treated groundwater from dewatering activities is being discharged to the Caltrans-operated storm drain system under the *GENERAL WASTE DISCHARGE REQUIREMENTS FOR Discharge or Reuse of Extracted and Treated Groundwater Resulting from the Cleanup of Groundwater Polluted by Fuel Leaks and Other Related Wastes at Service Stations and Similar Sites* (*San Francisco Bay Regional Water Quality Control Board Order NO. R2-2006-0075, National Pollutant Discharge Elimination System (NPDES) PERMIT NO. CAG912002,* herein referred to as the NPDES Permit. The Owner has submitted a Notice of Intent for coverage under the NPDES Permit (Greenway 2010) and has received a letter of authorization from the San Francisco Bay Regional Water Quality Control Board (Regional Board 2010).

This report summarized activities, sampling and laboratory analyses results associated with the startup and operation of the treatment system in March 2011.

1.1 COMPLIANCE SUMMARY

1.1.1 Effluent Limitations

The NPDES Permit requires that the discharge of the effluent maintain compliance with the effluent limitations at a discharge point after full treatment but before it joins or is diluted by any other waste stream, body of water, or substance. The effluent limits for specific compounds are defined in the permit. The effluent limits for the organic compounds listed in the permit and for pH (NPDES Permit Section IV.A) were not exceeded during start up. Average daily flow rate

did not exceed the daily flow rate of 100 gpm (144,000 gallons per day) permitted by the letter of authorization.

1.1.2 Trigger Levels

Triggers are not effluent limitations; instead, they are levels at which additional investigation is warranted to determine whether a numeric limit for a particular constituent is necessary. If any constituent in the effluent of a discharge exceeds the trigger levels, then additional sampling, analyses, evaluation and/or treatment for those constituents are required by the NPDES Permit.

The concentration-based triggers for volatile organic compounds, semi-volatile organic compounds and inorganic compounds tested were not exceeded in effluent samples during startup (NPDES Permit Section 6.C.6), with the following exceptions:

- total copper at 6.2 µg/L, above the trigger level of 3.1 µg/L (February 28,2011).
- MDLs for cadmium exceeded the trigger level of 0.07 µg/L
- TEPH as motor oil reporting limit exceeds the trigger level of 50 µg/L. J-flagged concentration in one sample was at the trigger level, although the samples were also flagged indicating concentrations of TEPH in the laboratory blank.

In addition, di-isopropyl ether (DIPE) was reported in influent samples above reporting limits. Monthly VOC sampling will be conducted to monitor for DIPE in influent, midpoint and effluent samples.

1.2 SITE LOCATION

The project is located 5812 Hollis Street in Emeryville, California (Figure 1-1).

1.3 PURPOSE OF THE GROUNDWATER DISCHARGE

ES Triangle 2 LLC is developing a multistory office building. As part of the construction, the site will be excavated to allow installation of subsurface facilities. A dewatering system will be installed to control groundwater flow into the excavation. The dewatering system will be operated for approximately 12 months during the excavation and installation of subsurface facilities.

1.4 CHEMICALS OF CONCERN

Previous investigations at the site have revealed the presence of petroleum hydrocarbons and chlorinated solvents in groundwater. The site is currently being investigated and remediated by the Owner (Geotracker Global ID T0600101109).

Because concentrations of petroleum hydrocarbons and chlorinated solvents may be present in pumped groundwater, PSEC plans to collect and treat dewatering system effluent prior to discharge to the storm drain system.

As summarized below, results of startup sampling have revealed the presence of chlorinated solvents and fuel additives in influent samples. The concentrations in influent samples were below effluent limitations.

1.5 RESPONSIBLE PARTIES

The property and facility Owner is ES Triangle 2 LLC. The project General Contractor is DPR Construction, Inc. of Redwood City, California. PSEC will provide, maintain and inspect treatment system equipment. Viking Drillers, Inc. of West Sacramento, California will install and maintain dewatering wells. Brighton and/or PSEC will perform daily inspections and flow monitoring and compliance sampling and analyses. The Civil Engineer providing technical

oversight and compliance monitoring of the Treatment System operation is Brighton Environmental Consulting of Oakland, California.

1.6 NOTIFICATION OF NPDES COVERAGE

The Owner submitted to the Regional Board a Notice of Intent for coverage under the NPDES Permit in June 2010 (Greenway 2010). After review the NOI, The Regional Board issued a *Notice of General Permit Coverage*, under the requirements of the NPDES Permit (NGPC letter, Regional Board, July 12, 2010). The NGPC letter allowed discharge under the NPDES permit with the additional conditions as summarized below:

1. Use CIWQS Place identification number and the facility address listed in the table for any future communications.
2. Notify Lou Gonzales within 24 hours at the e-mail address below, of the document titles uploaded on Geotracker.
3. Submit the Self-Monitoring Reports no later than 45 days following the last day of the quarter, and the Annual Reports by February 15th of each year. If there is no discharge during the reporting period, please state this information in the reports. Late reports and effluent violations are subject to mandatory minimum penalties pursuant to California Water Code 13385 (h)&(i).
4. Operate the dewatering treatment system 24/7 during its approximately seventeen-month duration. The dewatering treatment system will not be allowed to discharge to storm drain if the treatment system is not operable.
5. Make available the back-up treatment system components on a 24-hour turnaround time.
6. Conduct daily, weekly and monthly inspections of the treatment system by designated

1.7 PURPOSE OF THE REPORT

This SMR presents information gathered during the start-up operation of the Treatment System between March 3, 2011 and March 11, 2011, as well as flow information through the end of March 2011.

The Site location and the discharge point to Temescal Creek and the San Francisco Bay are shown on Figure 1-1. A process flow diagram of the Treatment System showing the Self-Monitoring Program sampling points is presented on Figure 1-2.

1.8 DESCRIPTION OF TREATMENT SYSTEM

Groundwater from 20 wells is pumped through a collection system to one 20,000-gallon baffled settling tank (Settling Tank 1) to remove suspended solids. Water then flows by gravity from an outlet on the upper part of the settling tank to a 20,000-gallon batch tank. Using a submersible pump, water from the batch tank is transferred through a two-pod sand filter system to remove additional suspended solids. Water is then pumped through two 1,000-pound activated carbon adsorption units arranged in series. After carbon treatment, the water is discharged through a totalizing flow meter to the storm drain. Sand filter cleaning occurs as needed based on pressure differential and flow rate losses. Carbon changeout will occur based on analytical results for VOCs and TPH from a midpoint sample.

The treatment system submersible pump was capable of transferring at least 100 gallons per minute at 50 feet of pressure. The process pump flow rate is adjusted to maximize dewatering, but is regulated so as not to exceed a flow rate of 100 gallons per minute.

System controls include level switches in the SRT. A high level switch in the batch tank activates to turn on the system transfer pump. A low level switch in the batch tank activates to turn off the system transfer pump. A high-high level switch activates to shut off power to the well pumps if the Treatment System pumps are not operating or not pumping at a sufficient rate to support dewatering flow. A separate low level switch in the batch tanks turns the dewatering well pumps on when sufficient freeboard is available.

After discharge from the activated carbon adsorption vessel, treated water flows to a storm drain inlet at the northwest corner of Hollis Street and Powell Street. The discharge path for the storm drain is shown in Figure 1-1.

1.8.1 Deviations from the NOI

The system was installed and operated as described in the NOI.

2.0 TREATMENT SYSTEM OPERATION AND MONITORING

2.1 SUMMARY OF SYSTEM OPERATION

The dewatering wells and treatment system were constructed in February 2011. On February 28, 2011, the dewatering system began pumping to allow testing of the treatment system without discharge. Water was pumped to the settling tank and batch tank and the treatment system began pumping, with water recycled to the settling tank. During initial pumping, influent, effluent and midpoint samples were collected and analyzed for the constituents shown in Appendix A. Water was then stored and recycled through the treatment system until startup. Treatment system discharge to the storm drain began after receipt of positive analytical results on March 3, 2011.

2.2 STARTUP INSPECTIONS

The treatment system was inspected several times by the Engineer during startup: 1) Prior to initial testing on February 28, 2011, 2) during start of discharge on March 3, 2011, and during the second startup sampling event on March 7, 2011. The system was inspected for conformance to plans and to best practices, for structural integrity, and for potential failure modes. Several issues were identified and corrected as a result of these inspections, including

1. Installation of the high-high level well shutoff
2. The need for an influent sample port
3. The need to label sample ports
4. A small leak in a fitting at the submersible pump coupling on top of the batch tank, dripping back into the batch tank

Items 1 through 3 were addressed before system start up. The fourth issue was addressed by March 11, 2011.

2.3 SAMPLING AND ANALYSIS METHODS

2.3.1 List of Approved Analyses

All laboratory analyses were performed by commercial analytical laboratories certified by the State of California Department of Health Services to perform the particular analyses. Summaries of analyses, quality control measures, and laboratories used are included in Appendix A.

2.3.2 Sample Locations

Pursuant to the NPDES Self-Monitoring Program, the NGPC letter and the General Permit requirements, water samples can be collected for laboratory analysis from Treatment System sample ports (Figure 1-2) and from a receiving water location at the storm drain system outlet (Figure 1-1).

Sample locations for the Self-Monitoring Program for system startup included compliance sampling stations INF-001 (influent), EFF-001 (effluent), and operational sampling station MID-001. Samples were collected by trained sample collection staff of PSEC.

2.3.3 Sampling Methods

Influent samples (INF-001) were collected directly from the inlet pipe at the settling tank. Samples from MID-001 were collected from a sample tap at the effluent of the first carbon adsorption unit. EFF-001 samples were collected from a sample tap at the effluent of the second carbon adsorption unit. Samples were collected directly into laboratory bottles with the required preservative, if needed. Prior to sample collection the pH, electrical conductivity and temperature were analyzed in the field with an YSI 63 pH/conductivity meter, and the turbidity was measured with a Hach 2100P turbidity meter. Samples were not collected until three consecutive samples were within five percent of each other for each field analysis.

After filling and labeling, the sample containers were placed in chilled, insulated coolers for transport to the laboratory for analysis. Chain-of-custody forms were completed for the samples. These forms accompanied the samples until receipt by the California Department of Health Services-certified laboratory listed in Appendix A. Samples from the first day sampling were analyzed on a same day turn around. The system was allowed to begin discharge after the Engineer reviewed the analytical results and approved the effectiveness of treatment. Samples from the five day sampling were also analyzed on a same day turn around, due to lab shutdowns during the Thanksgiving holiday.

2.3.4 Laboratory Analysis

During startup, samples were collected and analyzed for parameters shown in Table 2-1. Laboratory quality assurance/quality control (QA/QC) data and reporting limits were reviewed for each laboratory report received. Results of the review are summarized in Appendix A.

3.0 RESULTS

3.1 FIELD MEASUREMENT RESULTS

3.1.1 Standard Observations

Standard observations of the effluent were made at EFF-001 on March 3, 2011 and March 7, 2011. A summary of the observations is included in Appendix B.

3.1.2 Flow Rate and Volume

Average flow rate for the startup period (March 3, 2011 through March 11, 2011) was calculated at approximately 5.4 gallons per minute (gpm), or approximately 7,829 gallons per day (gpd). The total volume of groundwater pumped, treated and discharged during startup was approximately 0.065 million gallons. Average flow rate for the First Quarter of 2011 (March 3, 2011 through March 28, 2011) was calculated at approximately 8.5 gallons per minute (gpm), or approximately 12,240 gallons per day (gpd). The total volume of groundwater pumped, treated and discharged during startup was approximately 0.31 million gallons. Flow rates and daily volumes are summarized in Table 3-1.

The average daily flow rate was below the maximum permitted rate of 144,000 gpd (100 gpm).

3.2 LABORATORY ANALYTICAL RESULTS

The Fuel General NPDES Permit contains effluent limitations for 21 organic pollutants, pH and toxicity (CAG 912002.IV.A.1). The Permit also contains trigger concentrations for numerous organic compounds and metals.

Results of self-monitoring analyses for system startup are summarized in Tables 3-2 through 3-6 and discussed below. Quality assurance results for the analyses are summarized in Appendix A.

3.2.1 Turbidity and pH

Water samples from sampling stations INF-001 and EFF-001 were collected and analyzed in the laboratory for turbidity by Standard Method 2130B and pH by EPA Method 9040C. Results are included in Table 3-2.

During startup, the pH of the effluent water was within the effluent limit range specified in the NPDES permit. Turbidity in the effluent samples exceeded the trigger level for field samples but not laboratory analyses.

3.2.2 Volatile Organic Compounds with Effluent Limitations

Water samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B. Laboratory analyses of effluent samples, midpoint samples and influent samples collected during startup revealed no VOCs with concentrations above effluent limitations or laboratory reporting limits.

As required by the NPDES permit, the laboratory also reported "J-flagged" results, indicating that the laboratory observed concentrations of the compound above method detection limits (MDLs) but below laboratory reporting limits. No VOCs with effluent limits were reported above MDLs for the EFF-001 or MID-001 samples. Toluene, trichloroethene and vinyl chloride were reported in INF-001 samples at concentrations below reporting limits but above method detection limits. Analytical results are shown in Table 3-3 for organic compounds with permit-specified numerical effluent limitations.

3.2.3 Total Petroleum Hydrocarbons

Water samples from sampling stations INF-001 and EFF-001 were collected for analysis for TPH as gasoline and TEPH as diesel fuel and motor oil. Water samples were also collected from

MID-001 for TPH as gasoline. TPH as gasoline was analyzed by EPA 8260B and TPH as diesel fuel and motor oil were analyzed by EPA Method 8015M.

Concentrations of TPH as gasoline and TEPH as diesel fuel in effluent samples were below effluent limitations, laboratory reporting limits and MDLs during startup sampling. Concentrations of TPH as gasoline in midpoint samples were below effluent limitations, laboratory reporting limits and MDLs during startup sampling. Laboratory analyses for one influent sample revealed the presence of TEPH as diesel fuel at 24 µg/L, below the reporting limit but above the method detection limit, although the laboratory also reported TEPH as diesel in the laboratory blank. Results of TPH as gasoline and TEPH as diesel fuel are summarized in Table 3-3.

For EFF-001 samples, concentrations of TEPH as motor oil were below or at trigger concentrations, but below reporting limits during startup sampling. For INF-001 samples, concentrations of TEPH as motor oil ranged from ND to 51 ug/L (J-flagged) during startup sampling. Results of TEPH as motor oil are summarized in Table 3-4.

3.2.4 Volatile Organic Compounds and Volatile Fuel Additives with Trigger Levels

Laboratory analyses for VOCs with numerical trigger levels revealed no VOCs with trigger levels in effluent (EFF-001) startup samples at concentrations above laboratory reporting limits. EFF-001 samples conteinaed carbon disulfide and 1,2,4-trimethyl benzene at concentrations above method detection limits but below laboratory reporting limits. None of the fuel additives were reported above MDLs in the EFF-001 sample. The laboratory did report di-isopropyl ether (DIPE), a fuel additive above reporting limits in both INF-001 samples. Laboratory analytical results for VOC compounds with reported concentrations above MDLs and for volatile fuel additives are shown in Table 3-4. Due to the presence of DIPE, additional analyses for fuel oxygenates and VOCs will be conducted in Second Quarter 2011.

3.2.5 Ethylene Dibromide

Water samples from sampling stations INF-001 and EFF-001 were collected for analysis on March 7, 2011 and analyzed for ethylene dibromide (EDB) by EPA Method 504.1. Analytical results for EDB and other VOCs are summarized in Table 3-3. EDB was not reported above MDLs in either influent or effluent samples.

3.2.6 Semi Volatile Organic Compounds

Water samples from INF-001 and EFF-001 were collected on February 28, 2011 and analyzed for semi-volatile organic compounds (sVOCs) by EPA Method 8270C. Concentrations of sVOCs in effluent samples were below laboratory reporting limits and MDLs for all analytes. Bis (2-ethyl hexyl phthalate was reported at 3.7 µg/L, below the trigger level of 5 µg/L, in the INF-001 sample. Results of laboratory analyses for sVOCs are summarized in Table 3-4.

3.2.7 Polynuclear Aromatic Hydrocarbons

Water samples from INF-001 and EFF-001 were collected on March 7, 2011 and analyzed for polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8310. Concentrations of PAHs in influent and effluent samples were below laboratory reporting limits and trigger levels for all analytes. Flourene was reported above MDLs in the INF-001 sample. Results of laboratory analyses for PAHs are summarized in Table 3-4.

3.2.8 Inorganic Analyses

Samples were collected during both startup sampling events and analyzed for total metals and total cyanide. Inorganic constituents analyzed by EPA Method 6020 or 7000 series tests during startup included antimony, arsenic, beryllium, cadmium, total chromium, copper, lead, nickel, selenium, silver, thallium, and zinc. Mercury was analyzed by EPA Method 7470. Low level

mercury was analyzed by EPA Method 1631 for samples from March 7, 2011. Total cyanide was analyzed using standard method 4500CN-E. Results are summarized in Table 3-5.

Copper was reported in one EFF-001 sample at concentrations in excess of the trigger level. Chromium, lead and nickel were reported in at least one EFF-001 sample at concentrations above reporting limits but below trigger levels. Antimony, selenium and zinc were reported in at least one EFF-001 sample above MDLs but below reporting limits. Cadmium MDLs exceeded the trigger concentration. Mercury MDLs exceeded trigger levels, but analyses for low-level mercury revealed that concentrations of total mercury are below trigger levels. Total cyanide was not reported at concentrations above laboratory reporting limits or trigger levels. Additional analyses for cadmium and copper will be conducted during second quarter of 2011.

3.2.9 Mass Removal of Organic Compounds

Approximately 0.0008 pounds of organic compounds were removed from extracted groundwater during startup. Mass removal calculations for VOCs are summarized in Table 3-6. The calculations are based on the average concentrations and the total volume of groundwater extracted during startup. Only compounds with concentrations above method detection limits are included in the calculations.

mercury was analyzed by EPA Method 1631 for samples from March 7, 2011. Total cyanide was analyzed using standard method 4500CN-E. Results are summarized in Table 3-5.

Copper was reported in one EFF-001 sample at concentrations in excess of the trigger level. Chromium, lead and nickel were reported in at least one EFF-001 sample at concentrations above reporting limits but below trigger levels. Antimony, selenium and zinc were reported in at least one EFF-001 sample above MDLs but below reporting limits. Cadmium MDLs exceeded the trigger concentration. Mercury MDLs exceeded trigger levels, but analyses for low-level mercury revealed that concentrations of total mercury are below trigger levels. Total cyanide was not reported at concentrations above laboratory reporting limits or trigger levels. Additional analyses for cadmium and copper will be conducted during second quarter of 2011.

3.2.9 Mass Removal of Organic Compounds

Approximately 0.0008 pounds of organic compounds were removed from extracted groundwater during startup. Approximately 0.0039 pounds of organic compounds were removed from extracted groundwater during First Quarter 2011. Mass removal calculations for VOCs are summarized in Table 3-6. The calculations are based on the average concentrations and the total volume of groundwater extracted during startup. Only compounds with concentrations above method detection limits are included in the calculations.

5.0 REFERENCES

Greenway 2010. *Attachment B – Notice of Intent Application Form to Receive Authorization to Discharge Treated Groundwater under the Requirements of the Order No. R2-2006-0075, NPDES Permit No. CAG912002 (Fuel), Greenway Phase II, 5812 Hollis Street, Emeryville, CA 94608, June 2010.*

Brighton, 2010. *Attachment 2 to NOI: Engineering Certification Report, Construction Dewatering Treatment System, Greenway Phase II, 5812 Hollis Street, Emeryville, California, Geotracker Site IDs T0600101109, 60001261*, June 2010.

Regional Board (California Regional Water Quality Control Board, San Francisco Bay Region), 2006. *Order No. R2-2006-0075, NPDES Permit Number CAG912002, General Waste Discharge Requirements for Discharge or Reuse of Extracted and Treated Groundwater Resulting from the Cleanup of Groundwater Polluted by Fuel Leaks and Other Related Wastes at Service Stations and Similar Sites*, 2006.

Regional Board 2010. *Notice of General Permit Coverage for Discharge from 5812 Hollis Street, Emeryville, Alameda County, CA 94608, under the Requirements of Order No. R2-2006-0075, NPDES Permit No. CAG912002 (Fuels General Permit),* July 12, 2010.

BRIGHTON Environmental Consulting
Civil and Environmental Engineering

TABLES

Table 2-1
Estimated Analytical Frequency
Greenway Phase II Dewatering Treatment System
Hollis Street, Emeryville, CA

Type of Sample	Analytical Method	*INF-001*	*MID-001*	*EFF-001*	*RSW-001U/ RSW-001D*	1st Quarter of Operation		2nd Quarter of Operation			3rd Quarter of Operation		
						Startup		Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11
						Day 1	Day 5						
Bioassay 96 hour static renewal survival w/ rainbow trout	EPA-821-R-02-012	--	--	*Q/Y*	--	--	--	EFF	--	--	EFF	--	--
Standard Observations	Field Measurement	--	--	*M*	--	--	--	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--	--	--
VOC method 8020 (includes BTEX and MTBE) (if not running EPA8260B)	BTEX -EPA Method 8020 MTBE - EPA Method 8260B	*Y*	--	--	--	--	--	--	--	--	--	--	--
		--	*Y*	--	--	--	--	--	--	--	--	--	--
		--	--	*Y*	--	--	--	--	--	--	--	--	--
		--	--	--	*V*	--	--	--	--	--	--	--	--
VOC method 8020 (includes BTEX only) (if not running EPA8260B)	BTEX -EPA Method 8020	*D/Q*	--	--	--	--	--	--	--	--	--	--	--
		--	*D/M*	--	--	--	--	--	--	--	--	--	--
		--	--	*D/M*	--	--	--	--	--	--	--	--	--
		--	--	--	*V*	--	--	--	--	--	--	--	--
TPHg (8015M)	EPA Method 8015 Mod	*D/Q*	--	--	--	INF	INF	INF	--	--	INF	--	--
		--	--	*D/M*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--	--	--
TPHd (8015M) with silica gel cleanup (diesel and motor oil)	EPA Method 8015 Mod with silica gel cleanup	*D/Q*	--	--	--	INF	INF	INF	INF(T)	INF(T)	INF	--	--
		--	--	*D/M*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--	--	--

Table 2-1
Estimated Analytical Frequency
Greenway Phase II Dewatering Treatment System
Hollis Street, Emeryville, CA

Type of Sample	Analytical Method	*INF-001*	*MID-001*	*EFF-001*	*RSW-001U/ RSW-001D*	4th Quarter of Operation			5th Quarter of Operation		
						Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12
Bioassay 96 hour static renewal survival w/ rainbow trout	EPA-821-R-02-012	--	--	*Q/Y*	--	EFF	--	--	EFF	--	--
Standard Observations	Field Measurement	--	--	*M*	--	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--
VOC method 8020 (includes BTEX and MTBE) (if not running EPA8260B)	BTEX -EPA Method 8020 MTBE - EPA Method 8260B	*Y*	--	--	--	--	--	--	--	--	--
		--	*Y*	--	--	--	--	--	--	--	--
		--	--	*Y*	--	--	--	--	--	--	--
		--	--	--	*V*	--	--	--	--	--	--
VOC method 8020 (includes BTEX only) (if not running EPA8260B)	BTEX -EPA Method 8020	*D/Q*	--	--	--	--	--	--	--	--	--
		--	*D/M*	--	--	--	--	--	--	--	--
		--	--	*D/M*	--	--	--	--	--	--	--
		--	--	--	*V*	--	--	--	--	--	--
TPHg (8015M)	EPA Method 8015 Mod	*D/Q*	--	--	--	INF	--	--	INF	--	--
		--	--	*D/M*	--	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--
TPHd (8015M) with silica gel cleanup (diesel and motor oil)	EPA Method 8015 Mod with silica gel cleanup	*D/Q*	--	--	--	INF	--	--	INF	--	--
		--	--	*D/M*	--	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--

Table 2-1
Estimated Analytical Frequency
Greenway Phase II Dewatering Treatment System
Hollis Street, Emeryville, CA

Type of Sample	Analytical Method	*INF-001*	*MID-001*	*EFF-001*	*RSW-001U/ RSW-001D*	1st Quarter of Operation		2nd Quarter of Operation			3rd Quarter of Operation		
						Startup		Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11
						Day 1	Day 5						
PAH method 8310	EPA Method 8310	*Q*	--	--	--	--	INF	--	--	INF	--	--	INF
		--	--	*Q*	--	--	EFF	--	--	EFF	--	--	EFF
		--	--	--	*V*	--	--	--	--	--	--	--	--
EDB method 504	EPA Method 504	*Y*	--	--	--	--	INF	--	--	--	--	--	--
		--	--	*Y*	--	--	EFF	--	--	--	--	--	--
		--	--	--	*V*	--	--	--	--	--	--	--	--
VOC method 8260b	EPA Method 8260B	*Y*		--	--	INF	INF	INF	INF	INF	INF	INF	INF
		--	*Y*	--	--	MID	MID	MID	MID	MID	MID	MID	MID
		--	--	*Y*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--	--	--
Fuel Oxygenates TAME, DIPE, ETBE, TBA, Ethanol, Methanol (with VOC analyses)	EPA Method 8260B	*Y*	--	--	--	--	INF	--	--	--	--	--	--
		--	--	*Q (annual if not reported above 5 ug/l in first sample)*	--	--	EFF	--	--	EFF	--	--	--
		--	--	--	*V*	--	--	--	--	--	--	--	--
Semi-VOC Method 8270C	EPA Method 8270C	*Y*	--	--	--	INF	--	--	--	--	--	--	--
			--	*Y*	--	EFF	--	--	--	--	--	--	--
Metals	See note 3 below	*D/Y*	--	--	--	INF	INF	INF(T)	INF(T)	INF(T)	--	--	--
			--	*D/Y*	--	EFF	EFF	EFF(T)	EFF(T)	EFF(T)	--	--	--
Low level mercury (if needed)	EPA Method 1631A	*D/Y*	--		--	--	INF	--	--	--	--	--	--
			--	*D/Y*	--	--	EFF	--	--	--	--	--	--
Cyanide Total	Total CN - EPA Method 335.2	*D/Y*	--	--	--	INF	INF	--	--	--	--	--	--
		--	--	*D/Y*	--	EFF	EFF	--	--	--	--	--	--

Table 2-1
Estimated Analytical Frequency
Greenway Phase II Dewatering Treatment System
Hollis Street, Emeryville, CA

Type of Sample	Analytical Method	*INF-001*	*MID-001*	*EFF-001*	*RSW-001U/ RSW-001D*	4th Quarter of Operation			5th Quarter of Operation		
						Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12
PAH method 8310	EPA Method 8310	*Q*	--	--	--	--	--	INF	--	--	INF
		--	--	*Q*	--	--	--	EFF	--	--	EFF
		--	--	--	*V*	--	--	--	--	--	--
EDB method 504	EPA Method 504	*Y*	--	--	--	--	--	--	--	--	--
		--	--	*Y*	--	--	--	--	--	--	--
		--	--	--	*V*	--	--	--	--	--	--
VOC method 8260b	EPA Method 8260B	*Y*		--	--	INF	INF	INF	INF	INF	INF
		--	*Y*	--	--	MID	MID	MID	MID	MID	MID
		--	--	*Y*	--	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*						
Fuel Oxygenates TAME, DIPE, ETBE, TBA, Ethanol, Methanol (with VOC analyses)	EPA Method 8260B	*Y*	--	--	--						
		--	--	*Q (annual if not reported above 5 ug/l in first sample)*	--	--	--	EFF	--	--	EFF
		--	--	--	*V*	--	--	--	--	--	--
Semi-VOC Method 8270C	EPA Method 8270C	*Y*	--	--	--	--	--	--	--	--	--
			--	*Y*	--	--	--	--	--	--	--
Metals	See note 3 below	*D/Y*	--	--	--	--	--	--	--	--	--
			--	*D/Y*	--	--	--	--	--	--	--
Low level mercury (if needed)	EPA Method 1631A	*D/Y*	--		--	--	--	--	--	--	--
			--	*D/Y*	--	--	--	--	--	--	--
Cyanide Total	Total CN - EPA Method 335.2	*D/Y*	--	--	--	--	--	--	--	--	--
		--	--	*D/Y*	--	--	--	--	--	--	--

Table 2-1
Estimated Analytical Frequency
Greenway Phase II Dewatering Treatment System
Hollis Street, Emeryville, CA

Type of Sample	Analytical Method	*INF-001*	*MID-001*	*EFF-001*	*RSW-001U/ RSW-001D*	1st Quarter of Operation		2nd Quarter of Operation			3rd Quarter of Operation		
						Startup		Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11
						Day 1	Day 5						
Flow Rate (gpm and gpd)	Field Measurement	--	--	*con-tinuous*	--	--	--	--	--	--	--	--	--
Turbidity	EPA Method 180.1	--	--	*D/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
pH	EPA Method 150.1	*D/M/Q/Y*	--	--	--	INF	INF	INF	INF	INF	INF	INF	INF
		--	--	*D/M/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/l)	EPA Method 360.1	--	--	--	*V*	--	--	--	--	--	--	--	--
Total Dissolved Solids		--	--	*D/M*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
Temperature	Field Measurement	*D*	--	--	--	INF	INF	--	--	--	--	--	--
		--	--	*D/M/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
Electrical Conductivity	EPA Method 120.1	*D*	--	--	--	INF	INF	--	--	--	--	--	--
		--	--	*D/M/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF	EFF	EFF
Hardness as $CaCO_3$	SM	--	--	--	*T*	--	--	EFF(T)	EFF(T)	EFF(T)	--	--	--
Salinity	SM	--	--	--	*T*	--	--	EFF(T)	EFF(T)	EFF(T)	--	--	--

Table 2-1
Estimated Analytical Frequency
Greenway Phase II Dewatering Treatment System
Hollis Street, Emeryville, CA

Type of Sample	Analytical Method	*INF-001*	*MID-001*	*EFF-001*	*RSW-001U/ RSW-001D*	4th Quarter of Operation			5th Quarter of Operation		
						Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12
Flow Rate (gpm and gpd)	Field Measurement	--	--	*con-tinuous*	--	--	--	--	--	--	--
Turbidity	EPA Method 180.1	--	--	*D/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF
pH	EPA Method 150.1	*D/M/Q/Y*	--	--	--	INF	INF	INF	INF	INF	INF
		--	--	*D/M/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF
		--	--	--	*V*	--	--	--	--	--	--
Dissolved Oxygen (mg/l)	EPA Method 360.1	--	--	--	*V*	--	--	--	--	--	--
Total Dissolved Solids		--	--	*D/M*	--	EFF	EFF	EFF	EFF	EFF	EFF
Temperature	Field Measurement	*D*	--	--	--	--	--	--	--	--	--
		--	--	*D/M/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF
Electrical Conductivity	EPA Method 120.1	*D*	--	--	--	--	--	--	--	--	--
		--	--	*D/M/Q/Y*	--	EFF	EFF	EFF	EFF	EFF	EFF
Hardness as $CaCO_3$	SM	--	--	--	*T*	--	--	--	--	--	--
Salinity	SM	--	--	--	*T*	--	--	--	--	--	--

Table 2-1
Estimated Analytical Frequency
Greenway Phase II Dewatering Treatment System
Hollis Street, Emeryville, CA

Metals	Total (unfiltered) pp13 metals - Mercury, cadmium, silver, nickel, thallium, zinc, arsenic selenium, antimony, berylium, total chorium, copper, and lead.
Inorganic reporting limits:	Must report with at most these limits (in micrograms per liter [ug/L]): Mercury - 0.002; Cadmium and Silver - 0.25; Nickel, Tahllium and Zinc - 1.0; Arsenic and Selenium - 2.0; Cyanide - 1.0; Antimony, Beryllium, Ttoal Chromium, Copper and Lead (0.5).
D	Once during the first and fifth day of startup
M	Once each month
Q	Once during the first week of startup, quarterly thereafter, unless below 0.5 u/l, then annual thereafter
Y	Once during the first week of startup, annually thereafter
D/W/M	Once during the first and fifth day of startup, weekly for the remainder of the month, monthly thereafter
D/M	Once during the first and fifth day of startup, monthly thereafter
D/Q	Once during the first and fifth day of startup, quarterly thereafter
D/Y	Once during the first and fifth day of startup, annually thereafter
Q/Y	Quarterly for the first year of operation, annually thereafter
D/Q/Y	Once during the first and fifth day of startup, monthly for the first year of operation, annually thereafter
D/M/Q/Y	Once during the first and fifth day of startup, monthly for the first year of operation, quarterly for the second year, and annually thereafter. In case of pH analyses, this monitoring requirement is only for facilities with treatment processes that would cause no pH variances in the efflent. If any chemical used in the treatment process may cause pH variances in the effluent, the frequency of pH montioring in the effluent shall be increased to twice per week for the first month of operation and weekly thereafter if pH monitoring data for the first month of operation demonstrate compliance with pH effluent limits.
V	Sampling should be performed within 24 hours after an effluent limit violation is confirmed in EFF-001
T	Sampling should be performed when Cadmium, chromium(total), Copper, Lead, Nickel, Silver or Zinc triggers are exceeded.
EFF-T/INF-T	Sampling added for trigger evaluation during Q22011. Analyze metals for total cadmium and total copper only.

TABLE 3-1
FLOW AND OPERATIONS SUMMARY
Startup and First Quarter 2011
Greenway Phase II NDPES Dewatering Treatment System
Hollis Street, Emeryville, California

Date	Time	Elapsed Time in Period (days)	System Average Flow Rate[1] (gpm)	System Cumulative Volume[2] (gallons)	COMMENTS
3/3/2011	725	0.00	0.0	--	System begins discharging to storm drain
3/3/2011	910	0.08	66.0	7,910	Batch Tank pumped down at 1048
3/3/2011	1535	0.25	14.1	12,990	--
3/4/2011	835	0.71	5.2	18,310	--
3/7/2011	730	2.96	5.4	41,520	--
3/8/2011	730	1.00	2.3	44,850	--
3/9/2011	930	1.08	3.1	49,680	--
3/11/2011	1330	2.17	4.8	64,590	Repaired leak in 3 inch hose at batch tank, Backwashed sand filters.
3/14/2011	800	2.79	5.2	85,670	Changed out 3 inch hose
3/24/2011	800	10.00	7.9	200,120	Manual backwash sand and carbon vessels
3/28/2011	800	4.00	18.5	306,500	Manual backwash sand and carbon vessels

Summary

	Elapsed Time in Period (days)	Average Flow Rate[1] (gpm)	Cumulative Volume[2] (gallons)	Daily Average Flow Rate (gpd)	**Total Volume Pumped During Period** (gallons)
Startup Period	8.3	5.4	64,590	7,829	64,590
First Quarter 2011[(3)]	25.0	8.5	306,500	12,240	306,500
Permitted Flow		*100*			

Notes:

1 System average flow rate is calculated as the change in system cumulative volume (from the previous measurement to the current measurement) divided by the elapsed time in minutes.

2 Cumulative volume since startup

3 Includes Startup Period data

TABLE 3-2
SUMMARY OF
GROUNDWATER TREATMENT SYSTEM PARAMETERS
Startup and First Quarter 2011
Greenway Phase II NPDES Dewatering Treatment System
Hollis Street, Emeryville, California

Sample Location	Date Sampled	Type (field/lab)	pH (S.U.)	% difference	Electrical Conductivity (µmhos/cm)	% difference	Turbidity (NTUs)	% difference	TDS (mg/l)	Ammonia as N [1] (mg/l)	Alkalinity as $CaCO_3$ [1] (mg/l)	Hardness as $CaCO_3$ [1] (mg/l)	Dissolved Oxygen [1] (mg/l)	96-hour Static Fish Bioassay [2] survival)
EPA Method			*field/ 9040C*		*field/SM2510B*		*field/SM2130B*		*SM2540C*	*EPA Method EPA/821/R-02/012*				
Laboratory Reporting Limit			*1*	--	*10*	--	*0.1*	--	*13*	--	--	--	--	--
INF-001	2/28/2011	field	7.52	--	1,270	--	69.7	--	--	--	--	--	--	--
		lab	--	--	1,100	--	--	--	--	--	--	--	--	--
	3/7/2011	field	7.4	--	1,460	--	39.6	--	--	--	--	--	--	--
		lab	7.37	--	--	--	--	--	--	--	--	--	--	--
EFF-001	2/28/2011	field	7.82/7.91/8.05	1.6	1230/1250/1240	0.8	**28.7/29.1/29.3**	1.1	--	--	--	--	--	--
		lab	8.40	--	1,100	--	--	--	730	--	--	--	--	--
	3/7/2011	field	7.29/7.27/7.34	0.5	1430/1450/1440	0.7	**18.2/17.6/17.4**	2.4	--	--	--	--	--	--
		lab	7.81	--	1,300	--	2.7	--	800	--	--	--	--	--
Effluent Limitations			*6.5-8.5*	*See Note 6*	--	*See Note 6*	--	*See Note 6*	--	--	--	--	--	*> 70 percent [3]* *> 90 percent [4]*
Trigger Levels			--		--		*5*		--	--	--	--	--	--

Notes:

NTUs = nephelometric turbidity ur
°C= degrees Celsius
S.U. = standard units
µmhos/cm= micromhos per centimeter

[1] Analyzed as part of Fish Bioassay
[2] Test species - rainbow trout
[3] Greater than 70 percent (single test)
[4] Greater than 90 percent (3-sample moving average)
[6] Sample when deviation from average is less than 5 percent

TABLE 3-3
SUMMARY OF CHEMICAL ANALYSES FOR ORGANIC POLLUTANTS
Startup and First Quarter 2011
Greenway Phase II NPDES Dewatering Treatment System
Hollis Street, Emeryville, California

Compound Number in Permit		1	2	3	4	5	6	7	8	9	10
Sample Location/ ID	Date Sampled	VOCs									
		Benzene	Carbon Tetra-chloride	1,1-Dichloro-ethane	1,2-Dichoro-ethane	1,1-Dichloro-ethene	Ethyl benzene	Methyl-ene Chloride	Tetra-chloro-ethene	Toluene	cis-1,2-Dichloro-ethene
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
EPA Method		8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Laboratory Reporting Limit		*0.5*	*0.5*	*0.5*	*0.5*	*0.5*	*0.5*	*5.0*	*0.5*	*0.5*	*0.5*
Method Detection Limit		*0.075*	*0.072*	*0.067*	*0.077*	*0.058*	*0.070*	*1.0*	*0.065*	*0.17*	*0.071*
INF-001	2/28/2011	ND	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND
	3/7/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MID-001	2/28/2011	--	--	--	--	--	--	--	--	--	--
	3/7/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EFF-001	2/28/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/7/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Effluent Limitations		*1.0*	*0.5*	*5.0*	*5.0*	*0.11*	*5.0*	*5.0*	*1.6*	*5.0*	*5.0*

TABLE 3-3
SUMMARY OF CHEMICAL ANALYSES FOR ORGANIC POLLUTANTS
Startup and First Quarter 2011
Greenway Phase II NPDES Dewatering Treatment System
Hollis Street, Emeryville, California

Compound Number in Permit		11	12	13	14	15	16	17	18	19	20
		VOCs							TPH		
Sample Location/ ID	Date Sampled	trans-1,2-Dichloro-ethene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (µg/l)	Vinyl Chloride (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TPH as Gasoline (µg/l)	TEPH as Diesel Fuel (µg/l)	EDB (µg/l)
EPA Method		8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8015M	504.1
Laboratory Reporting Limit		*0.5*	*0.5*	*0.5*	*0.5*	*0.5*	*1*	*0.5*	*51*	*52*	*0.02*
Method Detection Limit		*0.070*	*0.055*	*0.11*	*0.059*	*0.05*	*0.49*	*0.069*	*24*	*25*	*0.0029*
INF-001	2/28/2011	ND	ND	ND	0.083 J	0.1 J	ND	ND	ND	ND	--
	3/7/2011	ND	ND	ND	0.11 J	ND	ND	ND	ND	24 J B	ND
MID-001	2/28/2011	--	--	--	--	--	--	--	--	--	--
	3/7/2011	ND	ND	ND	ND	ND	ND	ND	ND	--	--
EFF-001	2/28/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND(<24)	--
	3/7/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Effluent Limitations		*5.0*	*5.0*	*1.2*	*5.0*	*0.5*	*5.0*	*5.0 (2)*	*50*	*50*	*<0.05*

TABLE 3-3
SUMMARY OF CHEMICAL ANALYSES FOR ORGANIC POLLUTANTS
Startup and First Quarter 2011
Greenway Phase II NPDES Dewatering Treatment System
Hollis Street, Emeryville, California

Notes:

µg/l	= micrograms per liter
VOCs	= volatile organic compounds, analyzed by EPA Method 8260B
SVOCs	= semi-volatile organic compounds, analyzed by EPA method 8270C
EDB	= Ethylene Dibromide
TPH as gasoline	= total petroleum hydrocarbons C6-C12
TEPH as Diesel Fuel	= total extractable petroleum hydrocarbons, diesel - C10-C24, motor oil - C24-C36, precleaned with Silica Gel cleanup (EPA Method 3630C)
MDL	= Method Detection Limit (range shown if MDL varies between analyses)
--	= Not analyzed
ND	= not detected above method detection limit
J	= J-flag by laboratory, indicating estimated concentration below reporting limit but above method detection limit

Lab does not report 1,1,2 trichlorotrifluoroethane

Based on Toxics pollutants defined in the Fuel General NPDES Permit No. CAG912002, Section IV.A.1, Table 2: Effluent Limitations for Toxics Pollutants.

TABLE 3-4

SUMMARY OF CHEMICAL ANALYSES FOR ORGANIC TRIGGER COMPOUNDS [(1)(2)]

Startup and First Quarter 2011

Greenway Phase II NPDES Dewatering Treatment System

Hollis Street, Emeryville, California

		VOCs			Volatile Fuel Additives				TEPH as Motor Oil	sVOCs		PAHs	
Sample Location	Date Sampled	Acetone (µg/l)	Carbon Disulfide (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	TBA (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	(µg/l)	Bis (2-ethylhexyl) phthalate (µg/l)	Other sVOCs (µg/l)	Fluorene (µg/l)	Other PAHs (µg/l)
EPA Method		*8260B*	*8260B*	*8260B*	8260B	8260B	8260B	8260B	8015M	8270C	8270C	8310	8310
Laboratory Reporting Limit		***50***	***5***	*0.5*	4	0.5	0.5	0.5	**100**	**10**	Varies	0.1	0.1
Method Detection Limit		*3.7*	*0.078*	*0.045*	1.9	0.05	0.098	0.071	37	1.5	Varies	0.032	Varies
INF-001	2/28/2011	11 J	ND	ND	ND	1.5	ND	ND	51 J B	3.7 J	ND	--	--
	3/7/2011	ND	ND	ND	ND	0.88	ND	ND	ND	--	--	0.050 J	ND
MID-001	2/28/2011	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/2011	ND	ND	0.070 J B	ND	ND	ND	ND	--	--	--	--	--
EFF-001	2/28/2011	ND	ND	0.094 J B	ND	ND	ND	ND	41 J B	ND	ND	--	--
	3/7/2011	ND	0.37 J	ND	ND	ND	ND	ND	50 J B	--	--	ND	ND
Trigger Levels		*5.0*	*5.0*	*5.0*	*5.0*	*5.0*	*5.0*	*5.0*	*50*	*5*	*5*	*5*	Varies
Trigger Evaluation Warranted		--	--	--	--	***X***	--	--	***X***	--	--	--	--

TABLE 3-4

SUMMARY OF CHEMICAL ANALYSES FOR ORGANIC TRIGGER COMPOUNDS [1][2]

Startup and First Quarter 2011

Greenway Phase II NPDES Dewatering System

Hollis Street, Emeryville, California

Notes:

[1] Only trigger compounds with concentrations greater than MDL are listed in the table.

[2] Based on Organic Trigger Compounds defined in the Fuel General NPDES Permit No. CAG912002, Section VI.C.6, Table 3: Trigger Compounds or Constituents.

MDL = method detection limit

TEPH = total extractable petroleum hydrocarbons, diesel - C10-C24, motor oil - C24-C36, precleaned with Silica Gel cleanup (EPA Method 3630C)

µg/l = micrograms per liter

VOC = volatile organic compound

SVOC = semi-volatile organic compound

ND = not detected above method detection limit

J = J-flag by laboratory, indicating concentration is below reporting limit but above method detection limit

B = Compound was found in the blank and sample.

Δ Trigger level exceeded in at least one sample

b Lab narrative states high response in CCD

TBA = tert-butyl alcohol

DIPE = Isopropyl Ether

ETBE = Ethyl tert-Butyl Ether

TAME = Methyl tert-Amyl Ether

PAHs = polynuclear aromatic hydrocarbons

TABLE 3-5
SUMMARY OF CHEMICAL ANALYSES FOR METALS, METALLOIDS AND CYANIDE
Startup and First Quarter 2011
Greenway Phase II NPDES Dewatering Treatment System
Hollis Street, Emeryville, California

Sample Location/ ID	Date Sampled	Antimony (µg/l)	Arsenic (µg/l)	Berylliu m (µg/l)	Cadmiu m (µg/l)	Chromium (µg/l)	Copper (µg/l)	Lead (µg/l)	Mercury (µg/l)	Low-Level Mercury (µg/l)	Nickel (µg/l)	Selenium (µg/l)	Silver (µg/l)	Thallium (µg/l)	Zinc (µg/l)	Cyanide (µg/l)
EPA Analytical Method		*6020*	*6020*	*6020*	*6020*	*6020*	*6020*	*6020*	*7470A*	*1631*	*6020*	*6020*	*6020*	*6020*	*6020*	*SM4500 CN-E*
Laboratory Reporting Limit		*2.0*	*1.0*	*0.5*	***1.0***	*2.0*	*2.0*	*1.0*	*0.2*	*0.0005*	*2.0*	*2.0*	*1.0*	*1.0*	*20*	***3***
Method Detection Limit		*0.3*	*0.9*	*0.1*	***0.1***	*0.9*	*0.5*	*0.2*	*0.1*	*0.00012*	*0.5*	*0.5*	*0.1*	*0.2*	*4*	***2.2***
INF-001	2/28/2011	0.78 J	1.5	ND	**0.11 J**	7.0	33	3.0	**ND**	--	11	1.6 J	ND	ND	50	ND (<17)
	3/7/2011	0.56 J	ND	ND	**0.21 J**	1.7 J	5.4	0.41 J	**ND**	0.0109 J	7.1	ND	ND	ND	10 J	ND
EFF-001	2/28/2011	0.59 J	ND	ND	ND	2.1	**6.2**	1.1	**ND**	--	3.4	1.3 J	ND	ND	4.6 J	ND (<17)
	3/7/2011	0.58 J	ND	ND	ND	ND	1.3 J	ND	**ND**	0.0066 J	3.0	ND	ND	ND	ND	ND
Trigger Concentration		*6*	*10*	*1*	*0.07*	*11*	*3.1*	*2.0*	*0.025*	*0.025*	*8.2*	*5.0*	*1.9*	*0.1*	*35*	*1.0*
Trigger Evaluation Warranted		--	--	--	***X***	--	***X***	--	--	--	--	--	--	--	--	--

Notes:
µg/l = micrograms per liter
ND = not detected above method detection limit
J = J-flag by laboratory, indicating concentration is below reporting limit but above method detection limit
= Trigger
X evaluation
warranted

TABLE 3-6
SUMMARY OF MASS REMOVAL - ORGANIC COMPOUNDS
Startup and First Quarter 2011 Greenway Phase II NPDES Treatment System
Hollis Street, Emeryville, California

Period	Average Influent Concentration[1]								Volume of Water Treated	Mass of VOCs Removed	Cumulative VOC Mass Removed
	DIPE	Toluene		TCE		Vinyl Chloride		Total VOCs			
	(µg/l)	(µg/l)		(µg/l)		(µg/l)		(µg/l)	(gallons)	(pounds)	(pounds)
System Startup	1.2	0.17	*J*	0.10	*J*	0.06	*J*	1.5	64,590	0.0008	0.0008
First Quarter 2011	1.2	0.2	J	0.1	J	0.1	J	1.5	306,500	0.0039	0.0039

Notes:

[1] For calculation of averages, when compound is detected above method detection limits in at least one sample in the quarter, then, for samples during the quarter in which the concentration is below the method detection limit, one half of MDL is used. If the compound is not detected in any samples during the quarter, then compound is not included in the calculation of mass removed.

BRIGHTON Environmental Consulting
Civil and Environmental Engineering

FIGURES

0 Approximate scale (feet) 1200

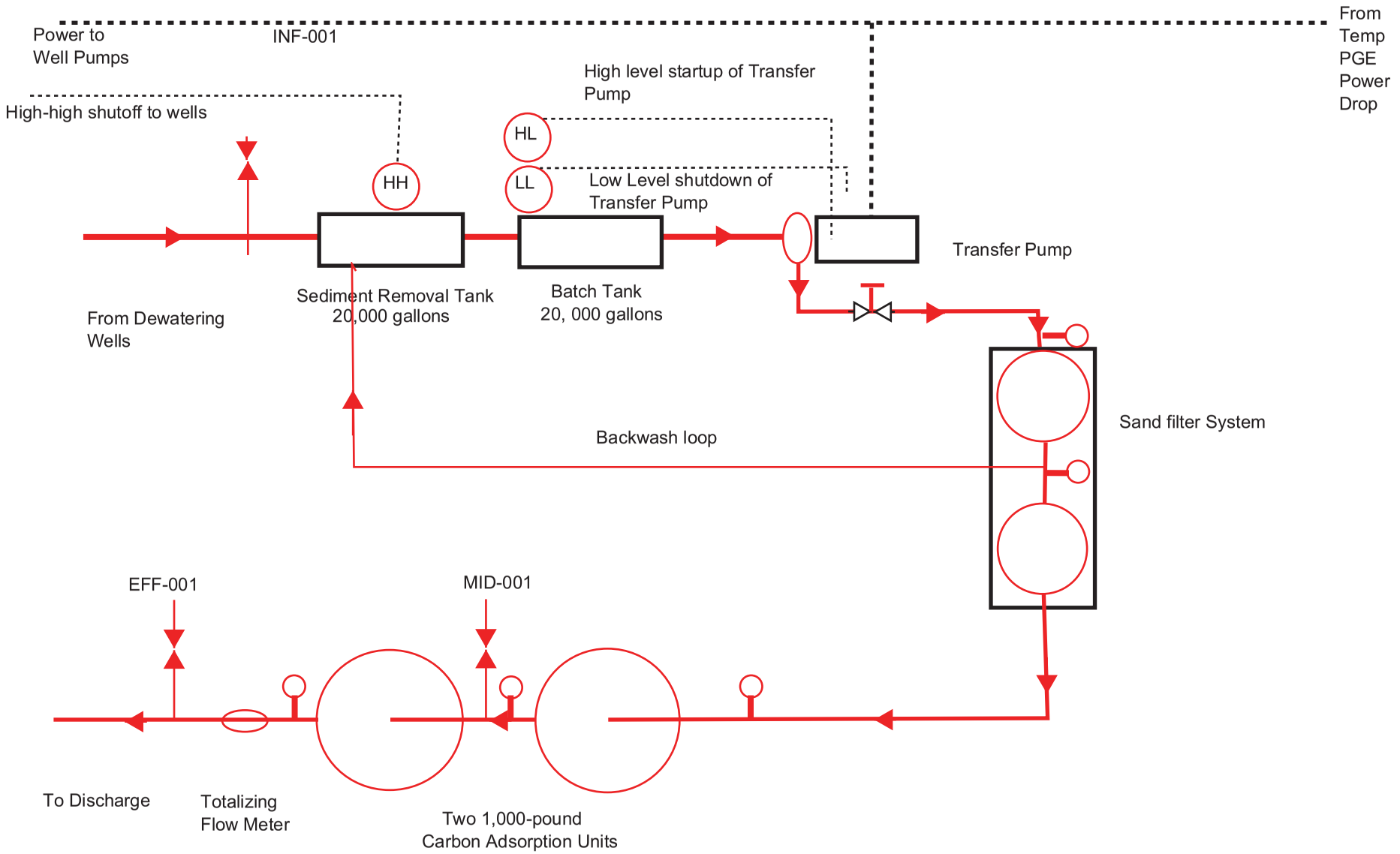
Approximate North

BRIGHTON Environmental Consulting
Civil and Environmental Engineering

Site Location Map
Greenway Phase II
NPDES Treatment System
5812 Hollis Street, Emeryville, CA

Figure 1-1

June 2010



BRIGHTON Environmental Consulting
Civil and Environmental Engineering

PROCESS FLOW DIAGRAM
Greenway Emery Station Phase 1
5812 Hollis Street
Construction Dewatering System
Pacific States Environmental Contractors, Inc.

Figure 1-2

June 2010

BRIGHTON Environmental Consulting
Civil and Environmental Engineering

APPENDIX A

QA/QC DOCUMENTATION

TABLE A-1
SUMMARY OF SAMPLE COLLECTION METHODS
Greenway Phase II NPDES Treatment System
Hollis Street, Emeryville, California

Analyses	Method	COMMENTS
Turbidity	SM 2130B	Each sample collected in unpreserved 500 ml plastic bottle
Total Dissolved Solids	SM 2450C	Each sample collected in unpreserved 500 ml plastic bottle
Bioassay 96 hour static renewal survival	EPA-821-R-02-012	Each sample collected in unpreserved 5 gallon plastic container
pH	EPA Method 9040C	Each sample collected in unpreserved 500 ml plastic bottle
Electrical Conductivity	SM 2510B	Each sample collected in unpreserved 500 ml plastic bottle
Soluble Metals	EPA Method 6000 series	Each sample collected in two 500 ml plastic bottles unpreserved (filtered and preserved with nitric acid at lab within 24 hours)
Total Metals	EPA Method 6000 series	Each sample collected unfiltered in two 500 ml plastic bottles with nitric acid
Low level Mercury	EPA Method 1631A	One 500 ml with HCl, special clean gloves/dirty gloves handling techniques in field.
Cyanide Total	Kelada-01	500 ml with NaOH
Ethylene Dibromide (EDB)	EPA Method 504	Each sample collected in three 40-milliliter (ml) glass vials closed with screw caps with TeflonTM-lined septa, containing hydrochloric acid (HCl) for sample preservation.
Fuel Oxygenates TAME, DIPE, ETBE, TBA, Ethanol, Methanol	EPA Method 8260B	Each sample collected in three 40-milliliter (ml) glass vials closed with screw caps with Teflon™-lined septa, containing hydrochloric acid (HCl) for sample preservation.
Volatile Organic Compounds		
VOC method 8021 (includes BTEX and MTBE)	BTEX -EPA Method 8021	Each sample collected in three 40-milliliter (ml) glass vials closed with screw caps with TeflonTM-lined septa, containing hydrochloric acid (HCl) for sample preservation.
Semi-volatile organic componds	EPA Method 8270C	Each sample collected in two HCL preserved 1 liter amber glass bottle
PAH method 8310	EPA Method 8310	Each sample collected in two HCL preserved 1 liter amber glass bottle
Total petroleum hydrocarbons as gasoline	EPA Method 8015 Mod	Each sample collected in three 40-milliliter (ml) glass vials closed with screw caps with Teflon™-lined septa, containing hydrochloric acid (HCl) for sample preservation.
TPHd (8015M) with silica gel cleanup (diesel and motor oil)	EPA Method 8015 Mod with silica gel cleanup	Each sample collected in one HCL preserved 1 liter amber glass bottle

TABLE A-2
SUMMARY OF ANALYTICAL METHODS AND LABORATORY QA/QC
Greenway Phase II NPDES Treatment System
Hollis Street, Emeryville, California

Analyte	Analysis Method	Analysis Sample Date	Performed by Discharger	Performed by Analytical Laboratory	Laboratory Name	Is lab State-certified in these methods?	Analyses performed according to standard methods?	Sample holding times met?	Analytical results reported when above the method detection or reporting limit?	Reporting limits adequate to determine compliance?	QA/QC analyses run consistent with analytical methods?	QA/QC results meet all acceptance criteria?
Flow rate	field	Weekly	X	--	--	--	--	--	--	--	--	--
Turbidity	SM 2130B/field	2/28/2011	X	X	TASF[2]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	X	X	TASF[2]	yes	yes	yes	yes	yes	yes	yes
Total Dissolved Solids	SM 2540C	2/28/2011	--	X	TASF[2]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TASF[2]	yes	yes	yes	yes	yes	yes	yes
pH	field	Monthly	X	--	--	yes	yes	yes	yes	--	yes	yes
	EPA 9040C	2/28/2011	X	X	TASF[2]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	X	X	TASF[2]	yes	yes	yes	yes	yes	yes	yes
Standard Observations	field	Monthly	X	--	--	--	--	--	--	--	--	--
Temperature	field	Monthly	X	--	--	--	--	--	--	--	--	--
Antimony	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Arsenic	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Beryllium	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Cadmium	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Copper	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes

TABLE A-2
SUMMARY OF ANALYTICAL METHODS AND LABORATORY QA/QC
Greenway Phase II NPDES Treatment System
Hollis Street, Emeryville, California

Analyte	Analysis Method	Analysis Sample Date	Performed by Discharger	Performed by Analytical Laboratory	Laboratory Name	Is lab State-certified in these methods?	Analyses performed according to standard methods?	Sample holding times met?	Analytical results reported when above the method detection or reporting limit?	Reporting limits adequate to determine compliance?	QA/QC analyses run consistent with analytical methods?	QA/QC results meet all acceptance criteria?
Lead	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Mercury	EPA Method 7470	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Low Level Mercury	EPA Method 1631	3/7/2011	--	X	TANC[3]	yes	yes	yes	yes	yes	yes	yes
Nickel	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Selenium	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Silver	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Thallium	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Zinc	EPA Method 6010B	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
Cyanide	EPA Method 335.2	2/28/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TAI[1]	yes	yes	yes	yes	yes	yes	yes
VOCs	EPA Method 8021B or 8260B	2/28/2011	--	X	TASF[2]	yes	yes	yes	yes	no	yes	yes
		3/7/2011	--	X	TASF[2]	yes	yes	yes	yes	yes	yes	yes

TABLE A-2
SUMMARY OF ANALYTICAL METHODS AND LABORATORY QA/QC
Greenway Phase II NPDES Treatment System
Hollis Street, Emeryville, California

Analyte	Analysis Method	Analysis Sample Date	Performed by Discharger	Performed by Analytical Laboratory	Laboratory Name	Is lab State-certified in these methods?	Analyses performed according to standard methods?	Sample holding times met?	Analytical results reported when above the method detection or reporting limit?	Reporting limits adequate to determine compliance?	QA/QC analyses run consistent with analytical methods?	QA/QC results meet all acceptance criteria?
TPH as gasoline	EPA 8015M	2/28/2011	--	X	TASF[(2)]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TASF[(2)]	yes	yes	yes	yes	yes	yes	yes
TPH as diesel	EPA 8015M	2/28/2011	--	X	TASF[(2)]	yes	yes	yes	yes	yes	yes	yes
		3/7/2011	--	X	TASF[(2)]	yes	yes	yes	yes	yes	yes	yes
TEPH as motor oil	EPA 8015M	2/28/2011	--	X	TASF[(2)]	yes	yes	yes	yes	no(5)	yes	yes
		3/7/2011	--	X	TASF[(2)]	yes	yes	yes	yes	no(5)	yes	yes
EDB	EPA Method 504	3/7/2011	--	X	TASF[(2)]	yes	yes	yes	yes	yes	yes	yes
SVOCs	EPA Method 8270C	2/28/2011	--	X	TASF[(2)]	yes	yes	yes	yes	yes	yes	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 wa 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 hen a full list spike is utilized. The LCSD associated with batch #86975 had one (Dimethylphthalate) analyte outside control limits; therefore, re-extraction/re-analysis as not performed. These results have been reported and qualified.
PAHs	EPA Method 8310	3/7/2011	--	X	TASF[(2)]	yes	yes	yes	yes	no[(5)]	yes	yes

TABLE A-2
SUMMARY OF ANALYTICAL METHODS AND LABORATORY QA/QC
Greenway Phase II NPDES Treatment System
Hollis Street, Emeryville, California

Analyte	Analysis Method	Analysis Sample Date	Performed by Discharger	Performed by Analytical Laboratory	Laboratory Name	Is lab State-certified in these methods?	Analyses performed according to standard methods?	Sample holding times met?	Analytical results reported when above the method detection or reporting limit?	Reporting limits adequate to determine compliance?	QA/QC analyses run consistent with analytical methods?	QA/QC results meet all acceptance criteria?

Notes:
-- = not applicable

NA- not analyzed

(1) TestAmerica Irvine , 17461 Derian Avenue. Suite 100, Irvine, CA 92614

(2) TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566

(3) TestAmerica North Canton, 4101 Shuffel Street, NW, North Canton, OH 44720

(4) Laboratory Reporting limit exceeds trigger concentration, MDL is below trigger concentrations

(5) Laboratory reporting limit and MDL exceed trigger level.

BRIGHTON Environmental Consulting
Civil and Environmental Engineering

APPENDIX B

STANDARD OBSERVATIONS

TABLE B-1
STANDARD OBSERVATIONS OF STORM DRAIN INLET
Greenway Phase II NPDES Treatment System
Emeryville, California

Standard Observations for Treatement System Date	Odor	Weather Condition	Deposits, discoloration and or plugging in system that could adversely affect system reliability	Operation of float and pressure shutoff valves.	COMMENTS
2/28/2011	no	clear	no	na	--
3/3/2011	no	cloudy	no	na	--
3/7/2011	no	cloudy	no	na	--